

3.4.5 List of research papers in the Journals notified on UGC website during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Literary Representations of Landless Dalits in Punjab: A Comparative Study of the Selected Fictions of Gurdial Singh and Bhagwant Rasoolpuri	Dr. Ravinder Kaur	University School of Open Learning	Parkh: A Refereed Research Journal of Panjabi Lagueage, Literature and Culture	2021 - 2022	2320-9690
Combined analysis of Belle and Belle II data to determine the CKM angle ϕ_3 using $B^+ \rightarrow D(s^0 h^+ h^-) h^+$ decays	"Sunil Bansal(Belle and Belle II collaborations)"	University Institute of Engineering & Technology	"Journal of HighEnergy Physics"	2021 - 2022	1029-8479
Study of Z boson plus jets events using variables sensitive to double-parton scattering in pp collisions at 13 TeV	Sunil Bansal (CMS Collaboration)	University Institute of Engineering & Technology	"Journal of HighEnergy Physics"	2021 - 2022	1029-8479
Measurement of the production cross section for Z + b jets in proton- proton collision at $\sqrt{s} = 13$ TeV	Sunil Bansal (CMS Collaboration)	University Institute of Engineering & Technology	"Physical Review D"	2021 - 2022	2470-0029
Precise Measurement of the D0 and D+ Lifetimes at Belle II	"Sunil Bansal(Belle II Collaboration)"	University Institute of Engineering & Technology	"Physical Review Letters"	2021 - 2022	1079-7114
Search for $B^+ \rightarrow K^+ \nu \bar{\nu}$ Decays Using an Inclusive Tagging Method at Belle II	"Sunil Bansal(Belle II Collaboration)"	University Institute of Engineering & Technology	"Physical Review Letters"	2021 - 2022	1079-7114
Simulation of two-body decay of a particle and radioactive equilibrium states	Sunil Bansal	University Institute of Engineering & Technology	"Physics Education"	2021 - 2022	319120
The Commission for Air Quality Management: Stable and Sustainable Solution	Dr. Bharat (1st author)	University Institute of Legal Studies	(UGC CARE Listed) Panjab University Research Journal (Arts) Volume XLVIII, No. 2	2021 - 2022	0970-5260
Selectable Markers to Marker-Free Selection in Rice	Dr. A Sharma, A Chouhan, T Bhatt, Anupreet Kaur, AP Minhas	University Institute of Engineering & Technology	) Molecular Biotechnology	2021 - 2022	1073-6085
Band alignment determination in few-layer exfoliated MoSe2/SiO2 interface using Synchrotron based photoemission spectroscopy	Sunil K Arora	Centre for Nanoscience and Nanotechnology	, Eur. Phys. J. Plus	2021 - 2022	2190-5444
Qualitative as well as quantitative analysis of interactions present in Chlorine and Bromine substituted aromatic organic crystals: A DFT linked Crystal Explorer Study	Mayank Khera and Neetu Goel	Department of Chemistry	, J.Mol.Graph.Mod 95 (2020), 107503	2021 - 2022	1093-3263
Conditional Admissibility of Electronic Evidence- An Elucidation of Section 65B with special reference to Jatinder Pal Singh v. Krishan Kishore Bajaj	: Dr Amita Verma and Arpit Bansal	University Institute of Legal Studies	: International Research Journal of Socio-Legal Studies, vol 6 issue 1-2	2021 - 2022	ISSN 2455-0019

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Role of Technological Transformation in Shaping Millennials' Travel Behaviour: A Review	Prashant K. Gautam	University Institute of Hotel and Tourism Management	10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO) Amity University, Noida, India.	2021 - 2022	978-1-6654-7433-7
Analysis of DDoS Attacks in Software Defined Networking	Krishan Kumar	University Institute of Engineering & Technology	2022 IEEE Delhi Section Conference (DELCON)	2021 - 2022	
Agrobacterium-mediated genetic transformation and cloning of candidate reference genes in suspension cells of Artemisia pallens Wall. ex DC.	Jogam, P., Sandhya, D., Alok, A.	Department of Biotechnology	3 Biotech	2021 - 2022	2190-5738
Bioactive compound from Lagerstroemia speciosa: activating apoptotic machinery in cancer cells	Shallu Goyal, Monika Sharma, Rohit Sharma	Department of Microbial Biotechnology	3 Biotech	2021 - 2022	2190-5738
Bioactive compound from Lagerstroemia speciosa: activating apoptotic machinery in pancreatic cancer cells	1. Shallu Goyal, Monika Sharma and Rohit Sharma	Department of Biotechnology	3 Biotech	2021 - 2022	ISSN 2190-5738
Emerging uses of PLA-PEG copolymer in cancer drug delivery	Rohit Mundel , Tanya Thakur, Mary Chatterjee	University Institute of Engineering & Technology	3 Biotech	2021 - 2022	2190-572X,21905738
Optimization of cultural conditions for enhancement of anti-quorum sensing potential in the probiotic strain Lactobacillus rhamnosus GG against Pseudomonas aeruginosa.	Surekha Devi 1, Sanjay Chhibber 1, Kusum Harjai	Department of Microbiology	3 Biotech	2021 - 2022	2190-5738
Vaccine development to control the rising scourge of antibiotic-resistant Acinetobacter baumannii: a systematic review	Singh, R., Capalash, N. and Sharma, P.	Department of Biotechnology	3 Biotech	2021 - 2022	2190-5738
TEACHING THE CONCEPT OF TIME TO A STUDENT WITH LEARNING DISABILITY A CASE STUDY	Prof. (Dr.) Navleen Kaur	Department of Community Education & Disability Studies	A bi-annual journal	2021 - 2022	ISSN : 0378 - 4568
A hybrid method for the cross- cultural adaptation of self-report measures	DR. MEENU GUPTA	Department of English & Cultural Studies	a hybrid method for the cross-cultural adaptation of self- report measures	2021 - 2022	
Vartmaan Same Vich Punjabi Bhasha di sathiti ate sambhavnava	Dr. Akwinder Kaur Tanvi	School of Punjabi Studies	Aabroo	2021 - 2022	2456-253X
BAURIA KABELA DEYA VAHIA RASMA DE SABHIACHAR VELAKHNTA	MANJEET KAUR	P.U. Regional Centre, Muktsar	AABRU	2021 - 2022	2456253X
Bholapan (Story by Anton Chekhov)	Prof. Pankaj Malviya	Department of Russian	Aadharsheela Sahityam	2021 - 2022	CHAHIN0473-RNI

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Bina Shirsak ki Kahani	Prof. Pankaj Malviya	Department of Russian	Aadharsheela Sahityam	2021 - 2022	CHAHIN0473-RNI
The influence of Triguna on Self Efficacy : An Emprical Analysis of the Trichotomous Indian Personality Theory	Vandna Maini	Department of Evening Studies	Abhigyan Quest for Excellence	2021 - 2022	25831445
Systematic insilico designing,synthesisandbiologicalevaluationofsomenovel1,4-benzoquinonederivativesfortheprospectivemanagementofcognitivedecline	Pragati Silakari, Om Silakari and Poonam Piplani	University Institute of Pharmaceutical Sciences	AC SChemical Neuroscience	2021 - 2022	1948-7193
Substitutes of Wood Pulp In Papaer Making -A Review	Prabhdip Brar Ph.D	University Institute of Fashion Technology & Vocational Development	Academia	2021 - 2022	
Impulse Buying Behaviour In Brick And Mortar Stores: A Literature Review	Ashish Saihjpai	P.U. Regional Centre, Ludhiana	Academy of Marketing Studies Journal	2021 - 2022	Print ISSN: 1095-6298; Online ISSN: 1528-2678
Automated analysis of blood smear images for leukemia detection: a comprehensive revie	Ajay Mittal, Sabrina Dhalla, Savita Gupta, Aastha Gupta	University Institute of Engineering & Technology	ACM Computing Surveys (CSUR)	2021 - 2022	issn
Automated analysis of blood smear images for leukemia detection: a comprehensive review	A Mittal, S Dhalla, S Gupta, A Gupta	University Institute of Engineering & Technology	ACM Computing Surveys (CSUR)	2021 - 2022	issn
Chitosan Hydrogels with Embedded Thermo-and pH-Responsive Microgels as a Potential Carrier for Controlled Release of Drugs	Nirbhai Singh, Shikha Aery, Sandip V Pawar, Surinder K Mehta and Abhijit Dan*	Department of Chemistry	ACS Appl. Bio Mater.	2021 - 2022	2576-6422
Temperature-and pH-Responsive Hydrogel Nanoparticles with Embedded Au Nanoparticles as Catalysts for the Reduction of Dyes	Priyanshi Agnihotri and Abhijit Dan*	Department of Chemistry	ACS Appl. Nano Mater.	2021 - 2022	2574-0970
Isomer Selective Thermosalience and Luminescence Switching in Organic Crystals	Khalid Naim, Subash Chandra Sahoo, and Prakash P. Neelakandan	Department of Chemistry	ACS Applied Materials & Interfaces	2021 - 2022	1944-8244
SiRNA Mediated GSK3β Knockdown Targets Insulin Signaling Pathway and Rescues Alzheimer's Disease Pathology: Evidence from in Vitro and in Vivo Studies	Prof. Rajat Sandhir	Department of Biochemistry	ACS applied materials & interfaces	2021 - 2022	19448244
A Comprehensive Review on Steroidal Bioconjugates as Promising Leads in Drug Discovery	Ranju Bansal, Amruta Suryan	University Institute of Pharmaceutical Sciences	ACS Bio & Med Chem Au	2021 - 2022	2694-2437

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Gemini surfactant mediated catansomes for enhanced singlet oxygen generation of Rose Bengal and their phototoxicity against cancer cells	Bunty Sharma, Mario Samperi, Akhil Jain, Ganga Ram Chaudhary, Gurpreet Kaur, and L. Pérez-García	Department of Chemistry	ACS Biomaterials Science & Engineering	2021 - 2022	2373-9878
Nasal microbiota imbalance as a contributory link in the emergence of COVID-19 associated mucormycosis.	Dr Rachna Singh (first and corresponding author)	Department of Microbial Biotechnology	ACS Infect Dis	2021 - 2022	2373-8227
Anticancer biosurfactant loaded PLA-PEG nanoparticles induce apoptosis in human MDA-MB-231 breast cancer cells	A Wadhawan, J Singh, H Sharma, S Handa, G Singh, R Kumar, RP Barnwal, IP Kaur, M Chatterjee	Department of Biophysics	ACS Omega	2021 - 2022	2470-1343
Anticancer Biosurfactant-Loaded PLA-PEG Nanoparticles Induce Apoptosis in Human MDA-MB-231 Breast Cancer Cells	Aishani Wadhawan, Joga Singh, Himani Sharma, Shristi Handa, Gurpal Singh, Ravinder Kumar, Ravi Prata	University Institute of Engineering & Technology	ACS Omega	2021 - 2022	2470-1343 (print); 2470-1343 (web)
Anticancer biosurfactant-loaded PLA–PEG nanoparticles induce apoptosis in human MDA-MB-231 breast cancer cells	Wadhawan, A., Singh, J., Sharma, H., Handa, S., Singh, G., Kumar, R. Barnwal, R.P., Kaur, I.P., Cha	University Institute of Pharmaceutical Sciences	ACS Omega	2021 - 2022	2470-1343
Anticancer Biosurfactant-Loaded PLA–PEG Nanoparticles Induce Apoptosis in Human MDA-MB-231 Breast Cancer Cells	Wadhawan A, Singh J, Sharma H, Handa S, Singh G, Kumar R, Barnwal RP, Kaur IP, and Chatterjee M.	Department of Zoology	ACS Omega	2021 - 2022	2470-1343
Anticancer Biosurfactant-Loaded PLA–PEG Nanoparticles Induce Apoptosis in Human MDA-MB-231 Breast Cancer Cells.	Wadhawan A, Singh J, Sharma H, Handa S, Singh G, Kumar R, Barnwal RP, Pal Kaur I, Chatterjee M	University Institute of Pharmaceutical Sciences	ACS Omega	2021 - 2022	2470-1343
Cyclodextrin Derivative Enhances the Ophthalmic Delivery of Poorly Soluble Azithromycin	Thakur A, Jain S, Pant A, Sharma A, Kumar R, Singla N, Suttee A, Kumar S, Barnwal RP, Katare OP, sin	University Institute of Pharmaceutical Sciences	ACS Omega	2021 - 2022	2470-1343
CYCLODEXTRIN DERIVATIVE ENHANCES THE OPHTHALMIC DELIVERY OF POORLY SOLUBLE AZITHROMYCIN.	A Thakur, S Jain, A Pant, A Sharma, R Kumar, N Singla, A Suttee, S Kumar, RP Barnwal, OP Katare, GS	Department of Biophysics	ACS omega	2021 - 2022	2470-1343

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Selective and Sensitive Electrochemical Sensor for Aflatoxin M1 with a Molybdenum Disulfide Quantum Dot/Metal–Organic Framework Nanocomposite	Kaur, G., Sharma, S., Singh, S., Bhardwaj, N., & Deep, A.	University Institute of Engineering & Technology	ACS Omega	2021 - 2022	2470-1343
amongst various socioeconomic groups as depicted by the various studies that have been performed in the past to examine the relation between socio-economic status (SES) and the prevalence of malocclusion among the school children of various SES backgrounds (2). Similarly, oral habits can invariably	Arun K. Garg	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Acta Biomedica	2021 - 2022	ISSN, 0392-4203 ; eISSN, 2531-6745
An SBQ-R assessment of the impact of COVID-19 pandemic on the mental health of young adults in North India	Rani D, Krishan K, Tumram N, Parekh U, Kanchan T	Department of Anthropology	Acta Biomedica	2021 - 2022	3924203
Herbaceous vegetation under planted woody species on coal mine spoil acts as a source of organic matter	Dr. A.N. Singh	Department of Botany	Acta Oecologica	2021 - 2022	1146-609X
Effect of seed peSHELL-MODEL DESCRIPTION IN 99Rh AND SYSTEMATICS OF ODD-A Rh ISOTOPES Ileting and integrated nutrient management on seed quality of bell pepper (Capsicum annuum L.)	Sourab Kumar, S Sihotra, V Singh, J Rather, M Kaur, J Goswamy, N Singh, D Mehta, T Trivedi, RP Singh	Department of Physics	Acta Physica Polonica B	2021 - 2022	2349–8528
Lymphatic filariasis and visceral leishmaniasis coinfection: A review on their epidemiology, therapeutic, and immune responses.	Prof. Sukhbir Kaur	Department of Zoology	Acta Tropica	2021 - 2022	0001-706X / 1873-6254
Bi2WO6/NH2-MIL-88B(Fe) heterostructure: An efficient sunlight driven photocatalyst for the degradation of antibiotic tetracycline in aqueous medium	Manpreet Kaur, Surinder Kumar Mehta, PoojaDevi, Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Advanced Powder Technology	2021 - 2022	0921-8831
Identification and Characterization of Simple Sequence epeats (SSR) Markers Associated with Downy Mildew Resistance Locus RPV1 in Grapes.	Neetu Goyal, Akshay Nag, Roshni R. Samarth, Anuradha Upadhyay and Kashmir Singh	Department of Biotechnology	Advances in Bioscience and Biotechnology	2021 - 2022	2156-8502
Design and applications of metallo-vesicular structures using inorganic-organic hybrids	Preeti Garg, Baljinder Kaur, Gurpreet Kaur, Ganga Ram Chaudhary	Department of Chemistry	Advances in Colloid and Interface Science	2021 - 2022	0001-8686
Sunflower protein isolates-composition, extraction and functional properties	Ramanpreet Kaur, Gargi Ghoshal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Advances in Colloid and Interface Science	2021 - 2022	0001-8686

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A Review on Dataset Acquisition Techniques in Gesture Recognition from Indian Sign Language	Animesh Singh, Sunil Kr Singh, Ajay Mittal	University Institute of Engineering & Technology	Advances in Data Computing, Communication and Security	2021 - 2022	issn
Contribution of L band SAR data for identification of buried/paleochannels in Jaisalmer region of Rajasthan, India	Monika a, Himanshu Govil a,†, Mahesh Thakur	Department of Geology	Advances in Space Research	2021 - 2022	0273-1177
Diversified Overlapping Community Detection Methods: A Survey	Monika	University Institute of Engineering & Technology	AES	2021 - 2022	NA
DEMOGRAPHIC DETERMINANTS OF SIZE OF DAIRY HERD: EVIDENCE FROM PUNJAB, INDIA	Nidhi Singhal; Harjit Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Agricultural Research Journal	2021 - 2022	2395-1435 (Print);2395-146X (Online)
Rural Non-Farm income in the rural areas of Punjab : Access and Determinants	Neeraj Sharma	Department of Evening Studies	Agricultural Situation in India	2021 - 2022	0002-1679
An existence theorem for nonlinear functional Volterra integral equations via Petryshyn’s fixed point theorem	Dr.Satish Kumar	P.U. S.S. Giri Regional Centre, Hoshiarpur	AIMS Mathematics	2021 - 2022	2473-6988
Antioxidant activity of biogenic silver nanoparticles on cells	Prof. Archana Bhatnagar	Department of Biochemistry	AIP Conference Proceedings	2021 - 2022	0094243X
Tarsem di Kaav-Kitab 'Kamrean ton Bahar Baitha Ghar' da Kaav-Chintan	Prof. Yog Raj	School of Punjabi Studies	Akhar (June-July-August, 2022)	2021 - 2022	
Ambedkar on the Question of Indian Nationalism	Prof. Ronki Ram	Department of Political Science	Ambedkar Times	2021 - 2022	Vol. 13, Issue 36, November 17, 2021, pp. 1-2.
Ambedkar, Caste and Nation: A Subaltern Perspective	Prof. Ronki Ram	Department of Political Science	Ambedkar Times	2021 - 2022	Vol. 14, Issue 5, April 13, 2022, pp. 1-2
British Columbia Government Proclaims April as ‘Dalit History Month’ in Recognition of Seminal Contribution of Four Dalit Icons	Prof. Ronki Ram	Department of Political Science	Ambedkar Times	2021 - 2022	Vol. 14, Issue 4, April 6, 2022, p. 1.
Nili Bar and Lahore Morchas: Historical Context of Delhi Kisan Morchas at the Borders of Delhi – II	Prof. Ronki Ram	Department of Political Science	Ambedkar Times	2021 - 2022	Vol. 13, Issue 32, October 20, 2021, p. 1.

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Therapeutic potential of Allium Sativum against the Aβ(1-40)-induced oxidative stress and mitochondrial dysfunction in the Wistar rats	Neetu Saini, Monika Kadian, Alka khera, Aanchal Aggarwal, Anil Kumar	University Institute of Pharmaceutical Sciences	American Journal of Neurodegenerative Disease	2021 - 2022	2165-591X
An Anaysis Of Statuory Safeguards of Air Pollution	Dr. Bharat (1st author)	University Institute of Legal Studies	An Anaysis Of Statuory Safeguards of Air Pollution	2021 - 2022	2277-7067
Luminescent Zn-MOF for detection of explosives and development of fingerprints	Ajay Kumar, Subash Chandra Sahoo, Surinder Kumar Mehta, Pramod Soni, Vishal Sharma, Ramesh Kataria	Department of Chemistry	Anal. Methods, 2022,14, 700-707	2021 - 2022	1759-9660 (print) 1759-9679 (web)
Electrochemical detection of hepcidin based on spiegelmer and MoS2NF-GNR@AuNPs as sensing platform	Prof. Archana Bhatnagar,Dr, Nirmal Prabhakar	Department of Biochemistry	Analytica Chimica Acta	2021 - 2022	32670
Ultrasensitive aptasensor for arsenic detection using quantum dots and guanylated Poly (methacrylamide)	Gurpreet K Soni, Nishima Wangoo, Ceren Cokca, Kalina Peneva, Rohit K Sharma	Department of Chemistry	Analytica Chimica Acta	2021 - 2022	0003-2670
Ultrasensitive aptasensor for arsenic detection using quantum dots and guanylated Poly(methacrylamide)	Nishima	University Institute of Engineering & Technology	Analytica Chimica Acta	2021 - 2022	0003-2670
A luminescent Zn-MOF for the detection of explosives and development of fingerprints†A luminescent Zn-MOF for the detection of explosives and development of fingerprints†	Vishal Sharma	Institute of Forensic Science & Criminology	Analytical Methods	2021 - 2022	NA
Advances in ZnO: Manipulation of defects for enhancing their technological potentials	Vishal Sharma	Institute of Forensic Science & Criminology	Analytical methods	2021 - 2022	NA
Furuta type inequalities via operator means and applications to Kadison’s type inequality	Jagjit Singh	University Institute of Engineering & Technology	Annals of Functional Analysis	2021 - 2022	2008-8752
Apitherapy and Periodontal Disease: Insights into In Vitro, In Vivo, and Clinical Studies	Manoj Kumar, Suraj Prakash, Surinder Singh,,,,, RyszardAmarowicz, Mohamed Mekhemar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Antioxidants	2021 - 2022	2076-3921
Cold tolerance during the reproductive phase in chickpea (Cicer arietinum L.) is associated with superior cold acclimation ability involving antioxidants and cryoprotective solutes in anthers and ovules	Prof. Harsh Nayyar	Department of Botany	Antioxidants	2021 - 2022	ISSN 2076-3921

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Garlic (Allium sativum L.) Bioactives and Its Role in Alleviating Oral Pathologies	14. MinnuSasi, Sandeep Kumar, Manoj Kumar,, Surinder Singh,...., Mohamed Mekhemar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Antioxidants	2021 - 2022	2076-3921
Plant-Based Antioxidant Extracts and Compounds in the Management of Oral Cancer	Suraj Prakash , Radha , Manoj Kumar , Sonia Rathour..... .Surinder Singh.....Mohamed Mekhemar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Antioxidants	2021 - 2022	2076-3921
IMPLEMENTATION OF SCHOOL EDUCATIONAL PROGRAMMES	Dr. Anuradha Sharma and Vikas Sharma	Department of Community Education & Disability Studies	Anvesak	2021 - 2022	0378 – 4568
Lifestyle Changes During Covid-19 Pandemic Among The People of Punjab	Prof. (Dr.) Navleen Kaur	Department of Community Education & Disability Studies	anvesak	2021 - 2022	0378-4568
Branching technique for a bi-objective two stage assignment problem	Vanita Verma	Department of Mathematics	ANZIAM Journal	2021 - 2022	ISSN: 1446-1811
Antioxidant activity and sensory evaluation of crispy salted snacks fortified with bamboo shoot rich in bioactive compounds.	Santosh O., Bajwa H.K, Bisht M.S. and Nirmala C.	Department of Botany	Applied Food Research	2021 - 2022	ISSN 2772-5022
Promising underutilized wild plants of cold desert Ladakh, India for nutritional security and health benefits	Nirmala C., Shahar B., Dolma N. and Santosh O.	Department of Botany	Applied Food Research	2021 - 2022	ISSN 2772-5022
Arsenic fractionation and mobilization in agricultural soils of NE Punjab, India	Paikaray S., Peiffer S.	Department of Geology	Applied Geochemistry	2021 - 2022	9.78013E+12
Geochemical variations in uranium and fluoride enriched saline groundwater around a semi-arid region of SW Punjab, India	Dr. Paikary S., Chander S.	Department of Geology	Applied Geochemistry	2021 - 2022	9.78013E+12
Recent progress in red phosphorus-based photocatalysts for photocatalytic water remediation and hydrogen production	Shafali Singh and Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Applied Materials Today	2021 - 2022	2352-9407
Adsorptive removal of oil from water using SPIONs-chitosan nanocomposite: kinetics and process optimization	H Singh, A Jain, J Kaur, SK Arya, M Khatri	University Institute of Engineering & Technology	Applied Nanoscience	2021 - 2022	2190-5517
Exploration of structural, electrostatic and photophysical behaviour of novel Ni (II), Cu (II) and Zn (II) complexes, and their utility as potent antimicrobial agents	Indu Bala, Kiran Singh, Ramesh Kataria, Meena Sindhu	Department of Chemistry	Applied Organometallic Chemistry	2021 - 2022	1099-0739

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Glutamine conjugated organotin (IV) Schiff base compounds: Synthesis, structure, and anticancer properties	Shagun Sharma, Navneet Agnihotri, Keshav Kumar, Swati Sihag, Vinay Randhawa, Ramandeep Kaur, Raghu	Department Cum National Centre for Human Genome Studies & Research	Applied Organometallic Chemistry	2021 - 2022	1099-0739
Glutamine conjugated organotin(IV) Schiff base compounds: Synthesis, structure, and anticancer properties	Prof.Navneet Agnihotri,Keshav Kumar, Swati Sihag, Vinay Randhawa, Ramandeep Kaur, Raghubi	Department of Biochemistry	Applied Organometallic Chemistry	2021 - 2022	0268-2605
Redox Modulatory Anti-Inflammatory Potential of Hempseed (Cannabis sativa) based Green Selenium Nanoparticles	Himanshi Mehta, Megha Gupta, Parminder Kaur, Jaspreet Kaur, Naveen Kaushal	Department of Biophysics	Applied Science and Convergence Technology	2021 - 2022	2288-6559
3D Modelling of the Scattering of the Fundamental Anti-Symmetric Lamb Mode (A0) Propagating within a Point-Impacted Transverse-Isotropic Composite Plate	Dilbag Singh	Department of Mathematics	Applied Sciences	2021 - 2022	2076-3417
Facile integration of a novel Sm-doped CoFe2O4@ g-CN heterostructure to expedite PMS and H2O2 assisted degradation of pharmaceutical pollutants	Sneha Singh, Paramdeep Kaur, Abhivyakti, Vinod Kumar, Kulbhushan Tikoo, Sonal Singhal	Department of Chemistry	Applied Surface Science	2021 - 2022	0169-4332
Optimal synthesis of MoS2/Cu2O nanocomposite to enhance photocatalytic performance towards indigo carmine dye degradation	PinkiSehrawat,ShwetaRana, Surinder Kumar Mehta, SushilKumar Kansal	Department of Chemistry	Applied Surface Science	2021 - 2022	ISSN: 2666-5239
Hydrochemistry for the assessment of groundwater quality in the Kathua region, Jammu and Kashmir, India	Beena Kouser1 · Anjali Bala2 · Omkar Verma1 · Manthena Prashanth1 · Ashu Khosla3 · Rayees Ahmad Pir4	Department of Geology	Applied Water Science	2021 - 2022	2190-5495
Evaluation of optimum dietary protein requirement for maximum growth of common carp (Cyprinus carpio) fingerlings	Basharat Ali, Yogesh Kumar Rawal	Department of Zoology	Aquaculture Research	2021 - 2022	1355-557X / 1365-2109
Morphological, histopathological and molecular characterization of Myxobolus szekelyianus n. sp. (Cnidaria: Myxosporea: Myxobolidae) causing acute gill disease in Schizothorax esocinus (Heckel, 1838) from River Jhelum of Kashmir Himalayan region, India	Ishtiyag Ahmad1 Imtiaz Ahmed1 Quseen Mushtaq Reshi1 Kousar Jan1 Aditya Gupta Sh	Department of Zoology	AQUACULTURE RESEARCH	2021 - 2022	1355-557X / 1365-2109

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Forensic Dental Age Estimation of North Indian Children Using Three Radiological Scoring Methods.	Sankhyan, D., Sehrawat, J., &Talwar, M.	Department of Anthropology	Arab Journal of Forensic Sciences& Forensic Medicine, 4(1)	2021 - 2022	1658-6786
Oceanic anoxic events in the Earth’s geological history and signature of such event in the Paleocene-Eocene Himalayan foreland basin sediment records of NW Himalaya, India	Bhart Singh Seema Singh Uday Bhan	Department of Geology	Arabian Journal of Geosciences	2021 - 2022	1866-7538
Slope stability analysis of Strawberry Hill Landslide and adjoining slopes along National Highway-5, Shimla, Northwestern Himalaya, India	Jugraj Singh1 · Mahesh Thakur1 · Gurwinder Singh Abhaypal1 · Naval Kishore1	Department of Geology	Arabian Journal of Geosciences	2021 - 2022	18667538
Slope stability analysis of Strawberry Hill Landslide and adjoining slopes along National Highway-5, Shimla, Northwestern Himalaya, India.	Singh, J., Thakur, M., Abhaypal, G.S., Naval, K.,	Department of Geology	Arabian Journal of Geosciences	2021 - 2022	1866-7538
Waves in nonlocal elastic material with double porosity	Dilbag Singh	Department of Mathematics	Archive of Applied Mechanics	2021 - 2022	0939-1533
A Systematic Survey on CAPTCHA Recognition: Types, Creation and Breaking Techniques	M. Kumar, M. K. Jindal and M. Kumar	P.U. Regional Centre, Muktsar	Archives of Computational Methods in Engineering,	2021 - 2022	1886-1784
Antimicrobial potential of ozone for the storage of grains: special focus on inhibition of bacterial contamination	G Singh, SK Arya, M Bibra, A Bhalla, A Aggarwal, J Singh	University Institute of Engineering & Technology	Archives of Phytopathology and Plant Protection	2021 - 2022	0323-5408
Insights on guava wilt and its different control measures	G Singh, J Singh, SK Arya	University Institute of Engineering & Technology	Archives of Phytopathology and Plant Protection	2021 - 2022	0323-5408
Protecting Fashion Designs in the Intellectual Property Regime: An Analysis	Kritika Sheoran and Dr. Amita Verma	University Institute of Legal Studies	Army Institute of Law Journal, Vol XV 2022	2021 - 2022	0975-8208
Zirconia for customized Root Analogue Implants- A Review	Manjot Kaur	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Asia Pacific Dental Journal	2021 - 2022	
The Attitude of Students Towards T.V Advertisements on Economic and Social Aspects	Dr. Anuradha Sharma and Surbhi	Department of Community Education & Disability Studies	Asian Journal of Applied Science and Technology	2021 - 2022	2456-883X
Prevalence of Vitamin D deficiency among pregnant women and effect of Vitamin D supplementation on maternal and fetal outcomes: A double-blind randomized placebo controlled trial	Sukant Garg	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Asian Journal of Medical Sciences	2021 - 2022	2091-0576
A STUDY OF GENDER AND EMPLOYMENT IN NON- FARM ACTIVITIES IN HARYANA AND PUNJAB	Prof. Harsh Gandhar and Nitish Khurana	University School of Open Learning	Asian Journal of Multidimensional Research	2021 - 2022	ISSN: 2278-4853, Vol. 11, Issue

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Amino acid profiling of some bamboo species by using RP-UHPLC and their Therapeutical aspects	Rana K. R., Nirmala C., Bisht M. S., Patial A. and Attri S.	Department of Botany	Asian Journal of Pharmaceutical and clinical Research	2021 - 2022	ISSN Online - 2455-3891
The Law of Contempt of Court in India and England: An Analysis	Prof. Devinder Singh	Department of Laws	Asian Resonance	2021 - 2022	0976-8602
Assessment of Fine Particulate Matter for Port City of Eastern Peninsular India Using Gradient Boosting Machine Learning Model	Naresh Kumar	University Institute of Engineering & Technology	Atmosphere	2021 - 2022	2073-4433
Long term assessment of firework emissions and air quality during Diwali festival and impact of 2020 fireworks ban on air quality over the states of Indo Gangetic Plains airshed in India	Suman Mor	Department of Environment Studies	Atmospheric Environment	2021 - 2022	1352-2310
Multi Layer Neural Network design for the calculation of risk factor associated with COVID-19	Manisha Sharma	Department of Mathematics	Augmented Human Research/Journal	2021 - 2022	2365-4325
Comparison of dental age estimations from two radiographic methods of metric analysis in North Indian young adults	Sankhyan, D., Sehrawat, J. S., & Talwar, M.	Department of Anthropology	Australian Journal of Forensic Sciences	2021 - 2022	450618
Protein engineering for tailoring the physical and catalytic properties of enzymes for defined industrial applications	Rakesh Kumar, Arbind Kumar, Jagdeep Kaur	Department of Biotechnology	Authorea	2021 - 2022	
Role of oxidative stress in pathophysiology of rheumatoid arthritis: insights into NRF2-KEAP1 signalling	Prof. Archana Bhatnagar	Department of Biochemistry	Autoimmunity	2021 - 2022	8916934
Machine learning approach for software defect prediction using multi-core parallel computing	Anshu Parashar, Raman Kumar Goyal, Sakshi Kaushal, Sudip Kumar Sahana	University Institute of Engineering & Technology	Automated Software Engineering, vol. 29(2), 1-20 IF 1.2	2021 - 2022	issn
Azadirachta indica A. juss, Morinda citrifolia L. and Triphala as herbal endodontic irrigants: A scoping review	Archna Agnihotri, Swaty Jhamb, Urvashi Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	AYU journal	2021 - 2022	ISSN 0974 8520
EEG Artifact Removal System for Depression Using a Hybrid Denoising Approach	Chamandeep Kaur, Preeti Singh, Sukhtej Sahni	University Institute of Engineering & Technology	Basic and Clinical Neuroscience	2021 - 2022	2008-126X
Evaluating the total quality and its role in measuring consumer satisfaction with e-healthcare services using the 5Qs model: a structure equation modeling approach	Verma, P., Kumar, S. and Sharma, S.K.	University Institute of Applied Management Sciences	Benchmarking: An International Journal	2021 - 2022	1463-5771

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Evaluating the total quality and its role in measuring consumer satisfaction with e-healthcare services using the 5Qs model: a structure equation modeling approach pp 22-46	Verma, P., Kumar, S. and Sharma, S.K.	University Institute of Applied Management Sciences	Benchmarking:An Intl Journal,Vol 29(1) (2022)	2021 - 2022	1463-5771
E – Recruitment : It’s easy if you do it smart	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	Bengal, past & present	2021 - 2022	0005-8807
PERSPECTIVES AND DISQUIETS OF PARENTS TOWARDS INCLUSIVE EDUCATION	Dr. Anuradha Sharma and Vikas Sharma	Department of Community Education & Disability Studies	Bengal, Past and Present UGC Care Group 1 Journal	2021 - 2022	0005-8807
Big Data and Data Mining in e-Health: Legal Issues and Challenges	Dr. Amita Verma and Arpit Bansal	University Institute of Legal Studies	Big Data Analytics and Machine Intelligence in Biomedical and Health Informatics: Concepts, Methodologies, Tools and Applications	2021 - 2022	9.78112E+12
Social Inculsion of the street vendors in Urban Cities: A study of India and Indonesia:	Meenu Saihjpal (first author)	University Institute of Legal Studies	Bihar Journal of Public Administration	2021 - 2022	9742735
Biotechnological applications of microbial phytase and phytic acid in food and feed industries	V Handa, D Sharma, A Kaur, SK Arya	University Institute of Engineering & Technology	Biocatalysis and Agricultural Biotechnology	2021 - 2022	1878-8181
Effective degradation of chicken feather waste by keratinase enzyme with triton X-100 additive	N Babbar, G Sharma, SK Arya	University Institute of Engineering & Technology	Biocatalysis and Agricultural Biotechnology	2021 - 2022	1878-8181
Phytases and their pharmaceuticals applications: Mini-review	A Sharma, O Ahluwalia, AD Tripathi, G Singh, SK Arya	University Institute of Engineering & Technology	Biocatalysis and Agricultural Biotechnology	2021 - 2022	1878-8181
Melioration of enzymatic ethanol production from alkali pre-treated paddy straw promoted by addition of surfactant	☒ Rimple Chaudhary, Jyoti Kaushal, Gursharan Singh, Anupreet Kaur, Shailendra K Arya,	University Institute of Engineering & Technology	Biocatalysis and Biotransformation	2021 - 2022	10292446-10242422
Exploit of oxalate and phytate from the oilseeds with phytase treated seeds for dietary improvement	V Handa, K Thakur, SK Arya	University Institute of Engineering & Technology	Biocatalyst and Agricultural Biotechnology	2021 - 2022	1878-8181
Ellagic acid modulates cisplatin toxicity in DMH indices colorectal cancer: studies on membrane alterations	Yasmeen Goyal, Ashwani Koul and Pavitra Ranawat	Department of Biophysics	Biochemical and Biophysical Repprts	2021 - 2022	2405-5808
Targeting fuel pocket of cancer cell metabolism: A focus on glutaminolysis	Prof.Navneet Agnihotri	Department of Biochemistry	Biochemical Pharmacology	2021 - 2022	ISSN 00062952
Fluorescent quantum dots: An insight on synthesis and potential biological application as drug carrier in cancer.	P Tandale, N Choudhary, J Singh, A Sharma, A Shukla, P Sriram, U Soni, N Singla, RP Barnwal, G Singh	Department of Biophysics	Biochemistry and Biophysics Reports	2021 - 2022	2405-5808

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Mitochondrial DNA mutations contribute to high altitude pulmonary edema via increased oxidative stress and metabolic reprogramming during hypobaric hypoxia	Prof. Rajat Sandhir	Department of Biochemistry	Biochimica et Biophysica Acta - Bioenergetics	2021 - 2022	52728
Anti-Amyloidogenic and Fibril-Disaggregating Potency of the Levodopa-Functionalized Gold Nanoroses as Exemplified in a Diphenylalanine-Based Amyloid Model	AvneetKour, Taru Dube, Ashwani Kumara nd Jiban Jyoti Panda	University Institute of Pharmaceutical Sciences	Bioconjugate Chemistry	2021 - 2022	1043-1802
Microbially-derived cocktail of carbohydrases as an anti-biofouling agents: a ‘green approach’	Harmanpreet kaur, Arasdeep Kaur, SK Soni, Praveen Rishi	Department of Microbiology	Biofouling	2021 - 2022	0892-7014
In vitro studies on calcium oxalate induced apoptosis attenuated by Didymocarpus pedicellata	Anubha Singh, Simran Tandon, T Tanzeer Kaur, Chanderdeep Tandon	Department of Biophysics	Biointerface Research in Applied Chemistry	2021 - 2022	2069-5837
Antiparasitic potential of Indian honey bee glue against strains of Leishmania donovani sensitive and resistant to synthetic antileishmanial.	Prof. Sukhbir Kaur	Department of Zoology	Biologia	2021 - 2022	0006-3088 / 1336-9563
Effect of Zinc on Hepatic and Renal Tissues of Chronically Arsenic Exposed Rats: A Biochemical and Histopathological Study	Roobee Garla, Nikita Sharma, Naveen Kaushal, Mohan Lal Garg	Department of Biophysics	Biological Trace Element Research	2021 - 2022	: 0163- 4984 (print
Selenium-Based Novel Epigenetic Regulators Offer Effective Chemotherapeutic Alternative with Wider Safety Margins in Experimental Colorectal Cancer	Preety Ghanghas, Monika Sharma, Dhimant Desai, Kaisar Raza, Aman Bhalla, Naveen Kaushal	Department of Biophysics	Biological Trace Element Research	2021 - 2022	1559-0720 (web)
Cross-protective efficacy of immuno-stimulatory recombinant Brugia malayi protein HSP60 against the Leishmania donovani in BALB/c mice	Prof. Sukhbir Kaur	Department of Zoology	Biologicals	2021 - 2022	1045-1056
Genomic Insights into Omega-3 Polyunsaturated Fatty Acid Producing Shewanella sp. N2AIL from Fish Gut	Anchal Chaudhary, Praveen Rahi, Rupesh Deshmukh, Jagdeep Kaur, Hena Dhar	Department of Biotechnology	Biology	2021 - 2022	2079-7737
Current status of xylanase for biofuel production: a review on classification and characterization	R Chaudhary, T Kuthiala, G Singh, S Rarrotra, A Kaur, SK Arya, P Kumar	University Institute of Engineering & Technology	Biomass Conversion and Biorefinery	2021 - 2022	2190-6823
Deinking of old newsprint (ONP) pulp with an engineered laccase: a greener approach for paper recycling	Balda, S., Sharma, A., Gupta, N., Capalash, N. and Sharma, P.	Department of Biotechnology	Biomass Conversion and Biorefinery	2021 - 2022	2190-6823
Tandem catalytic approaches for lignin depolymerization: a review	P Kaur, G Singh, SK Arya	University Institute of Engineering & Technology	Biomass Conversion and Biorefinery	2021 - 2022	2190-6823

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Transformation of waste rice straw to carbon quantum dots and their potential chemical sensing application: green and sustainable approach to overcome stubble burning issues	Manisha Kumari, Ganga Ram Chaudhary, Savita Chaudhary, Mina Huang, Zhanhu Guo	Department of Chemistry	Biomass Conversion and Biorefinery	2021 - 2022	2190-6815
Chapter 11 - Upgradation of bio-oil derived from various biomass feedstocks via hydrodeoxygenation	Hadi Ali, Sushil Kumar Kansal, S. Saravanamurugan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Biomass, Biofuels, Biochemicals Biochemicals and Materials Production from Sustainable Biomass Resources	2021 - 2022	978-0-12-824419-7
Global Increase in Breast Cancer Incidence: Risk Factors and Preventive Measures	Neelam Goel	University Institute of Engineering & Technology	Biomed Research International	2021 - 2022	2314-6133
Recent advancements in nanomaterials for biomedical implants	Sanjeev Gautam, Dhruv Bhatnagar, Deepika Bansal, Hemant Batra, Navdeep Goyal	Department of Physics	Biomedical Engineering Advances	2021 - 2022	2667-0992
Degree of reduction in normal liver complication probability from free-breathing to breath-hold liver SBRT: a dose-escalation strategy using radiation dose-volume effect	Dr. Vivek Kumar	Centre for Medical Physics	Biomedical Physics & Engineering Express	2021 - 2022	issn.2057-1976 Online ISSN: 2057-1976
A Feature Reduced Intrusion Detection System with Optimized SVM Using Big Bang Big Crunch Optimization	Ravinder Kaur, MamtaJuneja, Arup Kumar Mandal	University Institute of Engineering & Technology	Biomedical Signal Processing and Control	2021 - 2022	issn
An empirical study of handcrafted and dense feature extraction techniques for lung and colon cancer classification from histopathological images	Naresh Kumar, Manoj Sharma , Vijay Pal Singh, Charanjeet Madan, Seema Mehandia	University Institute of Engineering & Technology	Biomedical Signal Processing and Control	2021 - 2022	1746-8094
Detection of muscle artifact epochs using entropy based M-DDTW technique in EEG signals	Amandeep Bisht, Preeti Singh,	University Institute of Engineering & Technology	Biomedical Signal Processing and Control	2021 - 2022	1746-8094
Machine learning based quantitative texture analysis of CT images for diagnosis of renal lesions	Ravinder Kaur, MamtaJuneja, Arup Kumar Mandal	University Institute of Engineering & Technology	Biomedical Signal Processing and Control	2021 - 2022	issn
Emerging Technologies: Gateway to Understand Molecular Insight of Diseases, Newer Drugs, Their Design, and Targeting	R. C. Sobti, Mamtesh Kumari, Mandakini Singhla & Ranjana Bhandari	University Institute of Pharmaceutical Sciences	Biomedical Translational Research	2021 - 2022	978-981-16-9231-4
Molecular Mimicry: Unravelling the Role of Autoantibodies in Autoimmune Diseases and Infertility.	Deepali Thaper and Vijay Prabha	Department of Microbiology	Biomedical Translational Research	2021 - 2022	9811643458
siRNA-Encapsulated Nanoparticles for Targeting Dorsal Root Ganglion (DRG) in Diabetic Neuropathic Pain	Ranjana Bhandari,Priya Badyal,Garima Khanna,Anurag Kuhad	University Institute of Pharmaceutical Sciences	Biomedical Translational Research	2021 - 2022	978-981-16-9231-4

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Tomato (Solanum lycopersicum L.) seed: A review on bioactives and biomedical activities	Manoj Kumar a,*, Maharishi Tomar b,*, Deep Jyoti Bhuyan c, Sneh Punia d, Simona Grasso e, Amanda Gom	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Biomedicine & Pharmacotherapy	2021 - 2022	0753-3322
Essential oils as anticancer agents: Potential role in malignancies, drug delivery mechanisms, and immune system enhancement.	M. Sharma K. Grewal K, R. Jandrotia, D.R. Batish, H.P. Singh and R.K.Kohli	Department of Botany	Biomedicine and Pharmacotherapy	2021 - 2022	0753-3322
Hydroxytyrosol as anti-parkinsonian molecule: Assessment using in-silico and MPTP-induced Parkinson's disease model	Prof. Rajat Sandhir	Department of Biochemistry	Biomedicine and Pharmacotherapy	2021 - 2022	7533322
Efficacious Bioconversion of waste walnut shells to Xylotetrose and Xylopentose by free Xylanase (Xy) and MOF immobilized Xylanase (Xy-Cu-BTC	J Kaushal, S Arya , M Khatri, G Singh, N I W Azelee, R Rajagopal, M K Awasthi	University Institute of Engineering & Technology	Bioresource technology	2021 - 2022	0960-8524
Engineering multifunctional enzymes for agro-biomass utilization	Sharma, A., Balda, S., Capalash, N. and Sharma, P.	Department of Biotechnology	Bioresource Technology	2021 - 2022	0960-8524
Current Scenario of Pathogen Detection Techniques in Agro-Food Sector	Monika Nehra , Virendra Kumar , Rajesh Kumar , Neeraj Dilbaghi , Sandeep Kumar	University Institute of Engineering & Technology	Biosensors	2021 - 2022	2079-6374
Advances in MXenes-based optical biosensors: A review.	Bhardwaj, S. K., Singh, H., Khatri, M., Kim, K. H., & Bhardwaj, N.	University Institute of Engineering & Technology	Biosensors and Bioelectronics	2021 - 2022	0956-5663
Advances in surface plasmon resonance–based biosensor technologies for cancer biomarker detection	Azzouz, A., Hejji, L., Kim, K. H., Kukkar, D., Souhail, B., Bhardwaj, N., ... & Zhang, W.	University Institute of Engineering & Technology	Biosensors and Bioelectronics	2021 - 2022	0956-5663
Anti-cancer peptides: their current trends in the development of peptide-based therapy and antitumor drugs	Poonam Kumari et al	University Centre of Instrumentation and Micro-Electronics	Biotechnology and Genetic Engineering Reviews	2021 - 2022	ISSN : 0264-8725
Corporate crimes.	DR.MONIKA NEGI	P.U. S.S. Giri Regional Centre, Hoshiarpur	Blindfold Legal Journal	2021 - 2022	2583-2751
Quantitative analysis of doxorubicin hydrochloride and arterolane maleate by mid IR spectroscopy using transmission and reflectance modes	Ranju Bansal, Ranjit Singh and Khushpal Kaur	University Institute of Pharmaceutical Sciences	BMC Chemistry	2021 - 2022	2661-801X
Identification of defense related gene families and their response against powdery and downy mildew	Neetu Goyal, Garima Bhatia, Naina Garewal, Anuradha Upadhyay and Kashmir Singh	Department of Biotechnology	BMC Genomics	2021 - 2022	1471-2164

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Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study	Tyrovolas S, Stergachis A, Krish VS,....Krishan K,.....Kotsakis GA, Kassebaum NJ	Department of Anthropology	BMJ-British Medical Journal	2021 - 2022	2044-6055
A STUDY OF SIXTY SIX IN KAMLA DAS'S POEM MY MOTHER AT SIXTY SIX	RAJESH KUMAR MISHRA	P.U. Regional Centre, Muktsar	BOHAL SHODH MANJUSHA	2021 - 2022	23957115
FANISHWAR NATH RENU KI KAVY CHETNA	RAJESH KUMAR MISHRA	P.U. Regional Centre, Muktsar	BOHAL SHODH MANJUSHA	2021 - 2022	2395-7115
HUMAN DESTINY IN R.K NARAYAN'S LATER NOVELS	RAJESH KUMAR MISHRA	P.U. Regional Centre, Muktsar	BOHAL SHODH MANJUSHA	2021 - 2022	23957115
Shape Coexistence in Proton Rich Se Isotopes	S. Sihotra in et al.,	Department of Physics	Bulgarian Journal of Physics	2021 - 2022	Bulgarian Journal of Physics vol. 49 (2022) 108–113
Indefinite matrix inequalities via matrix means	Jagjit Singh	University Institute of Engineering & Technology	Bulletin Des Sciences Mathematiques	2021 - 2022	0007-4497
A Characterization of Matrix Rings	Dinesh Khurana	Department of Mathematics	Bulletin of the Australian Mathematical Society	2021 - 2022	Journal ISSN: 49727
Naringin: A potential natual product in the field of biomedical applications	A Sharma, P Bhardwaj, SK Arya	University Institute of Engineering & Technology	Carbohydrate Polymer Technologies and Applications	2021 - 2022	2666-8939
Bail under Anti-terror laws: The Liberty Jurisprudence	Shruti Bedi & Bhavi Kapur	University Institute of Legal Studies	CASIHR Journal on human rights practice, Vol. IV, Issue II, 2020, pp. 1-16	2021 - 2022	2581-4834
Impact of oxygen vacancies in Ni supported mixed oxide catalysts on anisole hydrodeoxygenation	Hadi Alia, Tom Vandevyvere, Jeroen Lauwaert, Sushil Kumar Kansal, Shunmugavel Saravanamurugan, Joris	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Catalysis Communications	2021 - 2022	1566-7367
Sediment colour as recorder of climate and tectonics: Cenozoic continental red beds of the Himalayan foreland basin in NW India	Seema Singh a,*, A.K. Awasthi b, Yuvika Khanna a, Anjali Kumari a, Bhart Singh a, Ajay Kumar a, Chai	Department of Geology	Catena	2021 - 2022	526645350
Non-coding RNAs in legumes: Their emerging roles in regulating biotic/abiotic stress responses and plant growth and development.	Prof. Harsh Nayyar	Department of Botany	Cells	2021 - 2022	ISSN: 2073-4409

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Development of emphatic catalysts for waste water remediation via synchronized free radical and non-free radical routes with composites of strontium hexaferrite, graphene and multi-walled carbon nanotubes	Paramdeep Kaur, Sneha Singh....., Anupama Kaushik, Sonal Singhal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Ceramics International	2021 - 2022	2728842
α -Bi ₂ O ₃ nanosheets: An efficient material for sunlight-driven photocatalytic degradation of Rhodamine B	Girish Gupta, Manpreet Kaur, Sushil K. Kansal, Ahmad Umar, Ahmed A. Ibrahim	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Ceramics International	2021 - 2022	0272-8842
Coordination Polymers as a Functional Material for the Selective Molecular Recognition of Nitroaromatics and ipso-Hydroxylation of Arylboronic Acids	P. Rani, A. Husain, K. K. Bhasin and Girijesh Kumar*	Department of Chemistry	Chem. Asian J., 2022, 17, e202101204 (Early view)	2021 - 2022	1861-4728
Designing an efficient bifunctional electrocatalyst heterostructure	Shuchi Gupta	University Institute of Engineering & Technology	Chemical Communications	2021 - 2022	1359-7345
An innovative Z-scheme g-C ₃ N ₄ /ZnO/NiFe ₂ O ₄ heterostructure for the concomitant photocatalytic removal and real-time monitoring of noxious fluoroquinolones	Twinkle Garg, Renu, J. Kaur, P. Kaur, Nitansh, V. Kumar, K. Tikoo A. Kaushik, S. Singhal	Department of Chemistry	Chemical Engineering Journal	2021 - 2022	1385-8947
UVC radiation for food safety:An emerging technology for the disinfection of food products	S K Bhardwaj, H Singh, A Deep, M Khatri, K H Kim, N Bhardwaj	University Institute of Engineering & Technology	Chemical engineering journal	2021 - 2022	1385-8947
Surface-functionalized fluorescent carbon dots (CDs) for dual-mode detection of lead ions.	Bamrah, A., Singh, H., Singh, S., Bhardwaj, S. K., Khatri, M., Deep, A., & Bhardwaj, N.	University Institute of Engineering & Technology	Chemical Papers	2021 - 2022	3666352
Synthesis, characterization and reaction kinetics of an energetic copper (II) complex based on 3,5 dinitrobenzoic acid and 2, 2' bipyridine	Priyanka Singla, Arjun Singh, Subash Chandra Sahoo, Pramod Kumar Soni, Prateek Kishore	Department of Chemistry	Chemical Papers, 2022, 76, 2153–2165	2021 - 2022	0366-6352
Synthesis, Characterization and Thermal Decomposition Kinetics of Energetic Copper Complex Based on 3,5 Dinitrobenzoic Acid and 1,10 Phenanthroline	Priyanka Singla, Arjun Singh, Subash Chandra Sahoo, Pramod Kumar Soni, Prateek Kishore	Department of Chemistry	Chemical Papers, 2022,76, 2111–2124	2021 - 2022	0366-6352
Evaluation of liver specific ionizable lipid nanocarrier in the delivery of siRNA	Dr, Nirmal Prabhakar	Department of Biochemistry	Chemistry and Physics of Lipids	2021 - 2022	93084
Synthesis and In Vitro Analysis of 1- Deoxysphingolipid Ceramide Analogues via UGI Reaction as Potential Anti-cancer Agents	Parleen Kaur, Swati Sihag, Monika Chauhan, Neelima Dhingra, Navneet Agnihotri, Ramandeep Kaur, Vas	Department Cum National Centre for Human Genome Studies & Research	Chemistry Europe	2021 - 2022	2365-6549

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Aggregation-Induced Quenching of Carbon Dots for Detection of Nitric oxide	V. Mutreja, A.Kumar, S. Sareen, K. Pathania, H. Sandhu, Ramesh Kataria, SV. Pawar, SK.Mehta, J. Park	Department of Chemistry	Chemistry Select	2021 - 2022	2365-6549
Experimental and Computational Validation of Structural Features and BSA Binding Tendency of 5-Hydroxy-5-trifluoromethyl-3-arylpyrazolines	Ramesh Kataria, D Vashisht, P. Rani, J. Sindhu, S. Kumar, S. Sharma, SC Sahoo, V Kumar, SK Mehta	Department of Chemistry	Chemistry Select	2021 - 2022	2365-6549
Synthesis and In Vitro Analysis of 1-Deoxysphingolipid Ceramide Analogues via UGI Reaction as Potential Anti-cancer Agents	Prof.Navneet Agnihotri	Department of Biochemistry	Chemistry Select	2021 - 2022	23656549
Synthesis of Bis(indolyl)methane/Dihydropyrimidinone Tethered Bis-Amidic Triazole Hybrid Compounds via One-Pot Sequential Six/Seven Component Ugi-Click Reaction	Dr. Sitanshu Kumar,Surabhi Mangal,Anu Nosran,Dr. Kusum Harjai,Dr. Vasundhara Singh	Department of Microbiology	Chemistry Select	2021 - 2022	2365-6549
Highly Sensitive and Selective Sulfite Ion Sensor Based on Biochemically Stable Iodo-Functionalized Coumarin Fluorophores	A. K.K. Bhaisn, P. Chauhan, Savita Chaudhary*, A. Umar, S. Barkaios	Department of Chemistry	ChemistrySelect	2021 - 2022	2365-6549
Transformation of solid plastic waste to activated carbon fibres for wastewater treatment	Manisha Kumari, Ganga Ram Chaudhary, Savita Chaudhary, Ahmad Umar	Department of Chemistry	Chemosphere	2021 - 2022	0045-6535
Ethics in Public Life: Some Philosophical and Normative Reflections	Lallan Singh Baghel	Department of Philosophy	CHINTAN	2021 - 2022	ISSN:2229-7227
A Facile Method for Detection and Speciation of Inorganic Selenium with Ion Chromatography	Preetismita Borah, Chetan, Vaishali Sharma, ArindamMalakar,Surinder Singh Bhinder, Sushil Kumar Kans	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chromatographia	2021 - 2022	0009-5893
Economical concerns of lignin in the energy sector	A Sharma, P Kaur, G Singh, SK Arya	University Institute of Engineering & Technology	Cleaner Engineering and Technology	2021 - 2022	2666-7908
Recent insight into enzymatic degradation of plastic prevalent in the environment: A mini-Review	J Kaushal, M Khatri, G Singh, S K Arya	University Institute of Engineering & Technology	Cleaner engineering and technology	2021 - 2022	2666-7908
Cognitive performance of women at various stages of reproductive aging and associated risk factors	Mankamal Kaur and Maninder Kaur	Department of Anthropology	Climacteric.	2021 - 2022	1369-7137 / 1473-0804
Iron disorders and hepcidin	Dr, Nirmal Prabhakar	Department of Biochemistry	Clinica Chimica Acta	2021 - 2022	98981

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Understanding the regulation of β -catenin expression and activity in colorectal cancer carcinogenesis: beyond destruction complex	Prof.Navneet Agnihotri	Department of Biochemistry	Clinical and Translational Oncology	2021 - 2022	1699048X
Hempseed (Cannabis sativa) offers effective alternative over statins in ameliorating hypercholesterolemia associated nephropathy	Simarpreet Kaur, Ayushi Garg, Naveen Kaushal	Department of Biophysics	Clinical Biochemistry	2021 - 2022	ISSN: 0009-9120
Interplay of redox imbalance with matrix gelatinases in neutrophils and their association with disease severity in rheumatoid arthritis patients	Prof. Archana Bhatnagar	Department of Biochemistry	Clinical Immunology	2021 - 2022	15216616
SSK-DDoS: distributed stream processing framework based classification system for DDoS attacks	Krishan Kumar	University Institute of Engineering & Technology	Cluster Computing	2021 - 2022	
Effective biocatalyst developed via genipin mediated acetylcholinesterase immobilization on rice straw derived cellulose nanofibers for detection and bioremediation of organophosphorus pesticide	Kavita Sharma Manpreet Kaur Gaurav Rattan Anupama Kaushik	Energy Research Centre	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2021 - 2022	9277757
TLR2 agonistic lipopeptide enriched PLGA nanoparticles as combinatorial drug delivery vehicle, Colloids and Surfaces A: Physicochemical and Engineering Aspects	Arshpreet Kaur, Jyoti Rathee, Rohini Kanwar, Deepender Kaushik, Deepak B. Salunke, Surinder K. Mehta	Department of Chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2021 - 2022	18734359, 09277757
Efficient in vitro and in vivo docetaxel delivery mediated by pH-sensitive LPHNPs for effective breast cancer therapy.	Jadon, R.S., Sharma, G., Garg, N.K., Tandel, N., Gajbhiye, K.R., Salve, R., Gajbhiye, V., Katare O P,Tyagi, R.K.,	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces	2021 - 2022	0927-7765
Metallosurfactant based synthetic liposomes as a substitute for phospholipids to safely store curcumin	Baljinder Kaur, Navdeep Kaur, Tanvi Sharma, Gurpreet Kaur, Ganga Ram Chaudhary	Department of Chemistry	Colloids and Surfaces B: Biointerfaces	2021 - 2022	0927-7765
Multidrug resistance crisis during COVID-19 pandemic: Role of anti-microbial peptides as next-generation therapeutics	Sheetal Sharma, Panchali Barman, Shubhi Joshi, Simran Preet, Avneet Saini	Department of Biophysics	Colloids and Surfaces B: Biointerfaces	2021 - 2022	0927-7765
Systematically designed chitosan-coated solid lipid nanoparticles of ferulic acid for effective management of Alzheimer’s disease: A preclinical evidence	Saini S, Sharma T, Jain A, Kaur H, Katare OP, Singh B	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces	2021 - 2022	0927-7765

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Systematically designed chitosan-coated solid lipid nanoparticles of ferulic acid for effective management of Alzheimer's disease: A preclinical evidence.	Saini, S., Sharma, T., Jain, A., Kaur, H., Katare, O.P. and Singh, B.,	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces	2021 - 2022	0927-7765
Functional Characterization and Structural Modelling of Peptidoglycan Degrading β -N-acetyl-glucosaminidase from a Dental Isolate of <i>Serratia marcescens</i> .	Aditi Rathee, Anil Panwar, Seema Kumari, Sanjay Chhibber, Ashok Kumar.	Department of Microbiology	Combinatorial Chemistry & High Throughput Screening	2021 - 2022	1875-5402
Discriminant and integral basis of sextic fields defined by x^6+ax+b	S. K. Khanduja	Department of Mathematics	Communications in Algebra	2021 - 2022	ISSN:0092-7872
Perspectivity and von Neumann regularity	Dinesh Khurana	Department of Mathematics	Communications in Algebra	2021 - 2022	ISSN:0092-7872
Evolution of Human Interest in Indian Print Media : A Trend Study of Feature Stories in Centenarian Newspapers	Dr Bhavneet Bhatti	School of Communication Studies	Communicator	2021 - 2022	0588-8093
The Contestation between Right to be Forgotten and Freedom of Expression: Constitutional Silences and Missed Opportunities	Shruti Bedi	University Institute of Legal Studies	Comparative Constitutional Law and Administrative Law Journal, Vol. VI, Issue I, 2021	2021 - 2022	ISSN: 2582-9807
Task preference based bottleneck assignment problem	Vanita Verma	Department of Mathematics	Computational and Applied Mathematics	2021 - 2022	2238-3603
Boron doped graphene as anode material for Mg ion battery: A DFT study	Mohd Riyaz, Shivangi Garg, Navjot Kaur and Neetu Goel	Department of Chemistry	Computational and Theoretical Chemistry	2021 - 2022	2210-271X
A Theoretical study of HCN adsorption and width effect on co-doped armchair Graphene Nanoribbon.	Ramesh K Sharma et al	University Centre of Instrumentation and Micro-Electronics	Computational and Theoretical Chemistry, 113592	2021 - 2022	ISSN: 2210-271X
Mutation in EthA protein of <i>Mycobacterium tuberculosis</i> conferred drug tolerance against ethionamide in <i>Mycobacterium smegmatis</i> mc2155	Pradeep Kumar Anand, Arbind Kumar, Amrit Saini, Jagdeep Kaur	Department of Biotechnology	Computational Biology and Chemistry	2021 - 2022	1476-9271
Computational Intelligence-Based Method for Automated Identification of COVID-19 and Pneumonia by Utilizing CXR Scans	Neelam Goel	University Institute of Engineering & Technology	Computational Intelligence and Neuroscience	2021 - 2022	1687-5265
DNA methylation biomarkers-based human age prediction using machine learning	Neelam goel	University Institute of Engineering & Technology	Computational Intelligence and Neuroscience	2021 - 2022	1687-5265
Disaster Event Detection from Text: A Survey	A Gupta, M Rani, S Kaushal	University Institute of Engineering & Technology	Computational Intelligence in Data Mining	2021 - 2022	ISSN
An alternate approach to solve two-level priority based assignment problem	Anuj Sharma	Department of Computer Science & Applications	Computational Optimization and Applications	2021 - 2022	0926-6003

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A review on Virtualized Infrastructure Managers with management and orchestration features in NFV architecture	Veenu Mangat, Krishan Kumar	University Institute of Engineering & Technology	Computer Networks	2021 - 2022	1389-1286
Obtaining Crisp Priorities for Triangular and Trapezoidal Fuzzy Judgments	Raman Kumar Goyal, Jaskirat Singh, Nidhi Kalra, Anshu Parashar, Gagan Singla, Sakshi Kaushal	University Institute of Engineering & Technology	COMPUTER SYSTEMS SCIENCE AND ENGINEERING, Vol 41(1) 2022, pp. 157-170 IF 4.39	2021 - 2022	issn
A comprehensive survey of DDoS defense solutions in SDN: Taxonomy, research challenges, and future directions	Prof Gurdeep Singh	University Institute of Engineering & Technology	Computers & Security	2021 - 2022	0167-4048
Deep learning-based classification network for glaucoma in retinal images	Dr. Prashant Jindal	University Institute of Engineering & Technology	Computers and Electrical Engineering	2021 - 2022	0045-7906 / 1879-0755
CADxReport: Chest x-ray report generation using co-attention mechanism and reinforcement learning	Navdeep Kaur, Ajay Mittal	University Institute of Engineering & Technology	Computers in Biology and Medicine, Vol 145,	2021 - 2022	issn
Your CAPTCHA Recognition Method Based on DEEP Learning Using MSER Descriptor	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	Computers, Materials and Continua	2021 - 2022	1546-2218
Understanding Parental School Choice in Varied Socio-economic Milieus: A Case Study of a Village in Punjab	Dr. Kamlesh Narwana and Dr. Angrej Singh Gill	P.U. Rural Centre, Kauni, Muktsar	Contemporary Education Dialogue	2021 - 2022	09731849, 22495320
The Glimpses of Guru nanak,s Dictum vis the contemporary consumerist World Dis /order	Dr Gurjit Singh	P.U. Rural Centre, Kauni, Muktsar	Contemporary Vibes	2021 - 2022	ISSN 0975-1750
‘Why the Aryans Still Matter? History, Historiography and Politics’	Dr. Ashish Kumar	Department of History	Contemporary Voice of Dalit	2021 - 2022	2456-0502
Caste and Premarket Discrimination: Access to Civic Amenities and Healthcare Facilities in Rural Punjab	Harpreet Singh	Department of Economics	Contemporary Voice of Dalit Vol. 0(0), pp 1-15	2021 - 2022	ISSN: 2455-328X, Online ISSN: 2456-0502
Disrupting Caste Hegemony in Punjab: A Reading of the Punjabi Dalit Poetry of the Pre-Independence Period	Dr. Ravinder Kaur	University School of Open Learning	Contemporary Voice of Dalit, Sage Publication India	2021 - 2022	
A comprehensive compendium of literature of 1,8-Naphthalimide based chemosensors from 2017 to 2021	Nisha Jain, Navneet Kaur	Department of Chemistry	Coordination Chemistry Reviews	2021 - 2022	--
Exploring coordination preferences and biological applications of pyridyl- based organochalcogen (Se, Te) ligands	Avtar Singh, Ajeet Kaushik, Jaspreet S. Dhau, Rajeev Kumar	Department of Environment Studies	Coordination Chemistry Reviews	2021 - 2022	0010-8545

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Presumption of Innocence: Comparing Vietnamese Law with Established International Jurisprudence	Duy Huynh Tan Le & Shruti Bedi	University Institute of Legal Studies	Criminal Law Forum	2021 - 2022	na
Effect of Synthesis Methods and Conditions on Properties and Applications of Carbon Dots for the Detection of Potential Water Contaminants: A Review	H Kaur, S Sareen, M Verma, A. Vashisht, A. Sharma, Ramesh Kataria, SK Mehta, J Park, V. Mutreja	Department of Chemistry	Critical Reviews in Analytical Chemistry	2021 - 2022	1040-8347
An exploration on the toxicity mechanisms of phytotoxinis and their potential utilities	H Chen, H Singh , N Bhardwaj, S K Bhardwaj, M Khatri , K H Kim, W Peng	University Institute of Engineering & Technology	Critical Reviews in Environmental Science and Technolology	2021 - 2022	1064-3389
Black soybean (Glycine max (L.) Merr.): paving the way toward new nutraceutical	Manoj Kumar, Rajat Suhag, Muzaffar Hasan, SangramDhumal, Radha, R. Pandiselvam, MarisennayyaSena	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Critical Reviews in Food Science and Nutrition	2021 - 2022	10408398
Role of Cissus quadrangularis in the Management of Osteoporosis: An Overview	Jaspreet Kaur, Gajanand Sharma, Akanksha Mahajan, Om Parkash Katare, Sanjay Kumar BhadadaGhoshal, G.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Critical reviews in therapeutic drug carrier systems	2021 - 2022	0743-4863
Use of morpho-physiological and biochemical traits to identify sources of drought and heat tolerance in chickpea (Cicer arietinum)	Prof. Harsh Nayyar	Department of Botany	Crop and Pasture Science	2021 - 2022	ISSN: 1836-0947
Promastigotes of Leishmania donovani exhibited sensitivity towards the high altitudinal Cicer microphyllum	Prof. Sukhbir Kaur	Department of Zoology	CRPVBD	2021 - 2022	2667-114X
Novel pharmaceutical cocrystals of gefitinib: A credible upswing in strategic research to ameliorate its biopharmaceutical challenges	Divya Pandit, Renu Chadha, Biswajit Laha, Manoj Kumar Gautam, Maninder Karan, and Sanjay K. Manda	University Institute of Pharmaceutical Sciences	Crystal Growth & Design	2021 - 2022	1528-7483

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Achieving Economic Growth through Science Diplomacy in the Indian Subcontinent Science Diplomacy	Bhardwaj M	Centre for Policy Research	CSIR-NISCAIR	2021 - 2022	CSIR-NISCAIR
Forging Ahead the Repositioning of Multitargeted Drug Ivermectin.	Atmakuri S, Nene S, Khatri D, Singh SB, Sinha VR, Srivastava S., ,	University Institute of Pharmaceutical Sciences	Curr Drug Deliv. 2022 May 16	2021 - 2022	ISSN: 1875-5704 (Online) ISSN: 1567-2018 (Print)
Structure-Based Virtual Screening for Differential Inhibition of Aldose Reductase, Implicated in Secondary Complications in Diabetes	Gurprit Sekhon and Ranvir Singh	Department Cum National Centre for Human Genome Studies & Research	Curr. Res. Diabetes Obes J	2021 - 2022	2476-1435
Enhanced Bioavailability & higher Uptake of Brain-targeted Surface Engineered Delivery System of Naringenin developed as a therapeutic for Autism Spectrum Disorder	Ranjana Bhandari ,Jyoti Paliwal,Anurag Kuhad	University Institute of Pharmaceutical Sciences	Current Drug Delivery	2021 - 2022	1875-5704
Highlighting the potential role of Exosomes as the targeted nano-therapeutic carrier in metastatic breast cancer.	Khera A, Alajangi HK, Khajuria A, Barnwal RP, Kumar S, Singh G.	University Institute of Pharmaceutical Sciences	Current Drug Delivery	2021 - 2022	1567-2018
A Review on Repurposed Drugs and Vaccine Trials for Combating SARS CoV-2	Nikita Khanna, Sandip V. Pawar and Anil Kumar	University Institute of Pharmaceutical Sciences	Current Drug Research Reviews	2021 - 2022	2589-9783
A Review on Rheumatoid Arthritis Interventions and Current Developments	Nikita Khanna, Anil Kumar and Sandip V. Pawar	University Institute of Pharmaceutical Sciences	Current Drug Targets	2021 - 2022	1873-5592
Synthesis, Characterization, and Evaluation of 5 α , 6 β -Dihalo androsterone Derivatives as 5 α -Reductase Inhibitors	Akanksha Sharma, Priyanka Rana, Poonam Arora, Tanzeer Kaur and Neelima Dhingra*	University Institute of Pharmaceutical Sciences	Current Enzyme Inhibition	2021 - 2022	1573-4080
Progress and Challenges in Physiological Artifacts' Detection in Electroencephalographic Readings.	Amandeep Bisht, Preeti Singh, Chamandeep Kaur, Sunil Agarwal, Manisha Ajmani	University Institute of Engineering & Technology	Current Medical Imaging	2021 - 2022	1573-4056
Tobramycin Stress Induced Differential Gene Expression in Acinetobacter baumannii	Kashyap, S., Sharma, P. & Capalash, N.	Department of Biotechnology	Current Microbiology	2021 - 2022	3438651
Toll-like receptor (TLR) agonists as a driving force behind next-generation vaccine adjuvants and cancer therapeutics	Arshpreet Kaur, Jeremy Baldwin, Deshkanwar Brar, Deepak B. Salunke, Nikolai Petrovsky	Department of Chemistry	Current Opinion in Chemical Biology	2021 - 2022	1367-5931
Impact of Coenzyme Q10 on Neurodegeneration: A Comprehensive Review	Kadian M, Sharma G, Pandita S, Sharma K, Shrivastava K, Saini N, Kumar A	University Institute of Pharmaceutical Sciences	Current Pharmacology Reports	2021 - 2022	2198-641X

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Role of Inflammatory Cytokines in Pathophysiology of Psoriasis	Ravi Kant Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Current Pharmacology Reports	2021 - 2022	2198-641X
Structural insight on thiourea doped graphene: An efficient electrochemical sensor for voltammetric detection of morphine in alcoholic and non-alcoholic beverages	Dr, Nirmal Prabhakar	Department of Biochemistry	Current Research in Green and Sustainable Chemistry	2021 - 2022	26660865
Microbe mediated remediation of dyes, explosive waste and polyaromatic hydrocarbons, pesticides and pharmaceuticals	Kaur P, D Monga, Singh B*	Department of Biotechnology	Current Research in Microbial Sciences	2021 - 2022	2666-5174
Evaluation of Proximate Composition, Vitamins, Amino Acids, Antioxidant Activities and Bioactive Compounds of Young Edible bamboo (Phyllostachys Mannii Gamble).	Rana K. R., Nirmala C. and Bisht M.S.	Department of Botany	Current Research in Nutrition and Food Science	2021 - 2022	ISSN Online 2322-0007
Preparation and Characterization of in-Situ Gelling Systems Containing Curcumin Loaded Solid Lipid Nanoparticles for Periodontitis	Pariksha Oberoi, Joga Singh, Garima Sharma, Vishakha Grover, Indu Pal Kaur	University Institute of Pharmaceutical Sciences	Current Trends in Biomedical Engineering & Biosciences	2021 - 2022	2572-1151
Flood Hazard Modelling in Upper Mandakini Basin of Uttarakhand	Gagandepp Singh, Vishwa BS Chandel and Simrit Kahlon	Department of Geography	Current World Environment	2021 - 2022	ISSN:0973-4929, Online ISSN:2320-8031
Ecological Consequences of Hydropower Development in Himachal Pradesh with Special Reference to Chamera Dam	Dr. Rajneesh	P.U. Rural Centre, Kauni, Muktsar	Current World Environment: An International Research Journal of Environmental Science	2021 - 2022	0973-4929
Adverse cutaneous toxicities by PD-1/PD-L1 immune checkpoint inhibitors: pathogenesis, treatment, and surveillance	Maitry Bhardwaj, Mei Nee Chiu & Sangeeta Pilkhwal Sah	University Institute of Pharmaceutical Sciences	Cutaneous and Ocular Toxicology	2021 - 2022	1556-9527 (print); 1556-9535 (web)
Dose and time response study to develop retinal degenerative model of zebrafish with lead acetate	DR. RAVNEET KAUR	Department of Zoology	CUTANEOUS AND OCULAR TOXICOLOGY	2021 - 2022	1556-9527 / 1556-9535
Relationship of biofilm formation and antibiotic susceptibility profile of uropathogenic Escherichia coli.	Dr. Manjula Mehta, Dr. Jyoti Sharma, Dr. Sonia B Bhardwaj	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	D Y Patil J Health Sci	2021 - 2022	Print -2347-3665, Online - 2347-8020
Business students' perception of corporate social responsibility: an exploratory study	Manoj Anand and Jagandeep Singh	University Institute of Applied Management Sciences	Decision	2021 - 2022	0304-0941
An improved NEH heuristic to minimize makespan flow shop scheduling problems	Manisha Sharma	Department of Mathematics	Decision Science Letters	2021 - 2022	19295804, 19295812

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A Study on Emotional Intelligence and Its Role in Predicting Life Satisfaction in the Indian IT Sector	Arunachal Khosla	University Institute of Applied Management Sciences	Design Engineering	2021 - 2022	0011-9342
A comparison of oral health status in diabetic and non-diabetic patients receiving hemodialysis - A systematic review and meta-analysis	Nandini Bhaskar, Rose Kanwaljeet Kaur, Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2021 - 2022	1871-4021
Tc-99m-tamoxifen: A novel diagnostic imaging agent for estrogen receptor-expressing breast cancer patients	Anupriya Chhabra, Uma Sharma, Rajender Kumar, Ishita Laroia, Alka Bhatia, Vijayta D Chadha, Rakh	Centre for Nuclear Medicine	Diagnostic and Interventional Radiology 2022	2021 - 2022	1305-3612
Sights, Sites, and Subjects: Towards Critical Visuality	Prof Akshaya Kumar	Department of English & Cultural Studies	dialog: a bi-annual peer-reviewed journal	2021 - 2022	0975-4881
APPLICATION OF PETRYSHYN'S FIXED POINT THEOREM OF EXISTENCE RESULT FOR NON-LINEAR 2D VOLTERRA FUNCTIONAL INTEGRAL EQUATIONS	Dr.Satish Kumar and Mr.Vinay Arora	P.U. S.S. Giri Regional Centre, Hoshiarpur	Differential Equations & Applications	2021 - 2022	----
Cogitation about Structural Social Capital of Persons with Disabilities in Chandigarh City	Dr. Anuradha Sharma and Ms Parineeta Jindal	Department of Community Education & Disability Studies	Disabilities and Impairments An Interdisciplinary Research Journal	2021 - 2022	2582-2047
In vitro release, ex vivo penetration, and in vivo dermatokinetics of ketoconazole loaded solid lipid nanoparticles for topical delivery	Indu Pal K Ramzan, Samuel Gourion Arsiqua, Afzal Hussain, Jaspreet Singh Gulati, Qihong Zhang, Sonia	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research	2021 - 2022	
Raloxifene-loaded SLNs with enhanced biopharmaceutical potential: QbD-steered development, in vitro evaluation, in vivo pharmacokinetics, and IVIVC	Jain A, Sharma T, Katore OP, Singh B.	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research	2021 - 2022	2190-393X
Design, synthesis, molecular docking, anti-quorum sensing, and anti-biofilm activity of pyochelin-zingerone conjugate.	Anu Nosran 1, Parleen Kaur 2, Vinay Randhawa 3, Sanjay Chhibber 1, Vasundhara Singh 2, Kusum Harjai	Department of Microbiology	Drug Dev Res	2021 - 2022	1098-2299
Pharmaceutical strategies for the treatment of bacterial biofilms in chronic wounds	K Razdan, J Garcia-Lara, VR Sinha, KK Singh	University Institute of Pharmaceutical Sciences	Drug Discovery Today, 2022 Aug;27(8):2137-2150	2021 - 2022	ISSN-1359-6446

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Synthesis of quinoline based molecular probes for detection of nitric oxide	Deepender Kaushik, Manpreet Kaur, Vishal Mutreja, Khushboo Pathania, Deepak B. Salunke, Subash Chand	Department of Chemistry	Dyes and Pigments	2021 - 2022	0143-7208
Geological education scenario in India and role of open educational resources in the light of COVID-19 pandemic	Prof. Ashu Khosla	Department of Geology	EARTH SCIENCES RESEARCH JOURNAL	2021 - 2022	ISSN 1794-6190 e-ISSN 2339-3459
Spatially resolved hourly traffic emission over megacity Delhi using advanced traffic flow data	Suman Mor	Department of Environment Studies	Earth System Science Data	2021 - 2022	1866-3516
Time trends in tuberculosis mortality across the BRICS: an age-period-cohort analysis for the GBD 2019.	Zou, Z., Liu, G., Hay, S. I., Basu, S., Belgaumi, U. I., Dhali, A., Dhingra, S., Fekadu, G., Golechh	Department of Anthropology	EClinicalMedicine, 53, 101646	2021 - 2022	2589-5370.
Alterations in phytotoxicity and allelochemistry in response to intraspecific variation in Parthenium hysterophorus	A. Kaur, S. Kaur, H.P. Singh, D.R. Batish	Department of Botany	Ecological Complexity	2021 - 2022	1476-945X
Ecological performances of exotic and native woody species on coal mine spoil in Indian dry tropical region	Dr. A.N. Singh	Department of Botany	Ecological Engineering	2021 - 2022	0925-8574
Flower phenological events and duration pattern is influenced by temperature and elevation in Dhauladhar mountain range of Lesser Himalaya	Ahmad, M., Uniyal, S.K., Batish, D.R., Rathee, S., Sharma, P., Sharma, P., Singh, H.P.	Department of Botany	Ecological Indicators	2021 - 2022	1470160X
Shi-Tomasi corner detector for cattle identification from muzzle print image pattern, Ecological Informatics	Amanpreet Kaur, Munish Kumar and M. K. Jindal	P.U. Regional Centre, Muktsar	Ecological Informatics	2021 - 2022	1574-9541
In the Middle of Hope and Crisis What Union Budget 2022–23 Offers for Education?	Dr.Angrej Singh Gill	P.U. Rural Centre, Kauni, Muktsar	Economic and Political Weekly	2021 - 2022	0012-9976
Rural Urban Disparity in the Standard of Living Across States of India	H.S.Shergill	Department of Economics	Economic and Political Weekly, Vol. 56, Issue No. 45-46,	2021 - 2022	SSN (Print) - 0012-9976 ISSN (Online) - 2349-8846
Coordination of Monetary and Fiscal Policies for Growth with Price Stability in a Post-COVID-19 Indian Economy	Nitin Arora	Department of Economics	Economic Papers	2021 - 2022	1759-3441

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Testing for Structural Breaks in the Growth of the Services Sector in India- A Reassessment.	Dr. Amrita Shergill	Department of Economics	Economic Studies Vol. 31 (5)	2021 - 2022	0205-3292
β -Pinene alleviates arsenic (As)- induced oxidative stress by modulating enzymatic antioxidant activities in roots of <i>Oryza sativa</i>	Kaur, S., Chowhan, N., Sharma, P., Rathee, S., Singh, H.P., Batish, D.R	Department of Botany	Ecotoxicology and Environmental Safety 229,113080	2021 - 2022	
A treatise on Organophosphate pesticide pollution: Current strategies and advancements in their environmental degradation and elimination	J Kaushal, M Khatri, SK Arya	University Institute of Engineering & Technology	Ecotoxicology and Environmental Safety	2021 - 2022	0147-6513
Appraising the factors favouring uranium mobilization and associated health risk assessment in groundwaters of north-western India	Madhuri Rishi	Department of Environment Studies	Ecotoxicology and Environmental Safety	2021 - 2022	0147-6513
Relative roles of Arbuscular Mycorrhizae in establishing a correlation between soil properties, carbohydrate utilization and yield in <i>Cicer arietinum</i> L. under As stress.	Garg, N., & Cheema, A.	Department of Botany	Ecotoxicology and Environmental Safety, 207, 111196	2021 - 2022	0147-6513
DFT Study of ScP and AIP in B1, B2, and B3 Phases at Ambient Pressure	Rohilla Dholpuria, Anita Rani, Ranjan Kumar	Department of Physics	ECS Transactions	2021 - 2022	19385862
Influence of Various Asset Classes on Equity as an Asset Class: A USA Based Study	Manu sharma	University Institute of Applied Management Sciences	ECS Transactions	2021 - 2022	1938-5862
Performance and Volatility Analysis of Real Estate Private Equity Index and Listed REIT Index : A USA Based Study	Dr. Manu Sharma & Prof. Keshav Malhotra	Department of Evening Studies	ECS Transactions	2021 - 2022	107-7469
Structure optimization and electronic properties of Co ₂ TiX (X= Si, Ge) heusler alloys: A DFT study	Preeti Alhan, Suresh Kumar, Ranjan Kumar	Department of Physics	ECS Transactions	2021 - 2022	19385862
Study of Structural, Electronic and Thermoelectric Properties of ZrP ₂ monolayer	Gurpal Singh Khosa, Shuchi Gupta, Ranjan Kumar	Department of Physics	ECS Transactions	2021 - 2022	19385862
Thermoelectric Properties of Pr ₃ Se ₄ Compound: DFT Study	Ghadah Alghamdi, Ranjan Kumar	Department of Physics	ECS Transactions	2021 - 2022	19385862
Effectiveness of Synectic model on language creativity in English in relation to cognitive styles	Chahal, G. and Kaur, K.	Institute Of Educational Technology & Vocational Education	Education India: A Quarterly Referred Journal of Dialogues on Education	2021 - 2022	2278-2435
Blended Education: Meaningful Use of Technology	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	Educreator Research Journal (ERJ), Volume–IX, Issue– III, May – June 2022, 28-34	2021 - 2022	2394-8450

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Effect of dietary Medicago sativa extract on hepato-renal indicators, intestinal mucosal morphology and serum bactericidal activity in Cyprinus carpio fingerlings	Basharat Ali , Yogesh K. Rawal , Oshin Dhillon	Department of Zoology	Egyptian Journal of Aquatic Biology & Fisheries	2021 - 2022	1110 – 6131
An investigation of latent fingerprinting techniques	Ritika Dhaneshwar, Mandeep Kaur , Manvjeet Kaur , Ritika	University Institute of Engineering & Technology	Egyptian Journal of Forensic Sciences	2021 - 2022	2090-5939
Choline Acetate modified ZnO nanostructure as efficient electrochemical sensor for hydrazine detection	Avneet Kaur , Urmila Chakraborty , Moondeep Chauhan , Rohit Sharma, Gurpreet Kaur , G. R. Chaudhary	Department of Chemistry	Electrochimica Acta	2021 - 2022	0013-4686
Explaining the concept of Home Health Care Services-A review	Ramandeep Bawa and A.K. Sinha	Department of Anthropology	Emerging Trends in Disease and Health Research	2021 - 2022	978-93-5547-029-4 (Print) 978-93-5547-036-2 (eBook)
Relationship between Economic Growth and Income Inequality: Review of Recent Research and Methodologies	Dr. Pooja Sikka	P.U. Regional Centre, Ludhiana	Empirical Economics Letters	2021 - 2022	1681 8997
Industrial Disputes in Post- Reform Era: Evidences from West Bengal and Tamil Nadu	Meenu Saihjpal (first Author)	University Institute of Legal Studies	Empiricla Economics Letters	2021 - 2022	16818997
End-Cretaceous Extinctions	Khosla Ashu, and Lucas Spencer G. (	Department of Geology	Encyclopedia of Geology	2021 - 2022	0346-251X
Emergency services support of microgrid system to the utility grid through incentive-based demand response program	Deepak Kumar, Sandeep Dhundhra, Y.P.Verma, Rintu Khanna 0973-0826	University Institute of Engineering & Technology	Energy for Sustainable Development	2021 - 2022	0973-0826
Performance Of Fast Responding Ultracapacitor Energy Storage For Virtual Inertia Emulation Control 6.583 (IF)	Shreya Mahajan, Y.P.Verma 2578-4862	University Institute of Engineering & Technology	Energy Storage	2021 - 2022	2578-4862
Rapid Analysis of Trace Sulphite Ion Using Fluorescent Carbon Dots Produced from Single Use Plastic Cups	M. Kumari, G.R. Chaudhary, Savita Chaudhary*, A. Umar	Department of Chemistry	Engineered Science	2021 - 2022	2576-988X
Graphical charts for onsite Continuous Slope Mass Rating (CoSMR) classification using strike parallelism and joint dip or plunge of intersection	Dhiman, R.K., Thakur, M.	Department of Geology	Engineering Geology	2021 - 2022	0013-7952

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Nature of phytotoxic interference of alien weed ‘Calypocarpus vialis’ against some crop plants	Lal, R., Kaur, A., Kaur, S., Batish, D.R., Singh, H.P., Sharma, M., Kohli, R.K.	Department of Botany	Environmental Monitoring and Assessment 193(6),334	2021 - 2022	
Sustainable degradation of pharmaceutical waste using different fungal stains: Enzyme induction, kinetics and isotherm studies.	Nikita Dhiman, Savita Chaudhary, Avtar Singh, Archana Chauhan, Rajeev Kumar	Department of Environment Studies	Environment Technology and Innovation	2021 - 2022	2352-1864
Utilization of fuelwood species by the Bhangalis community of western Himalaya, India	A. Sharma, S.K. Uniyal, D.R. Batish, H.P. Singh	Department of Botany	Environment, Development and Sustainability	2021 - 2022	1387-585X
Biomass allocation and phenotypic plasticity are key elements of successful invasion of Parthenium hysterophorus at high elevation	S.Rathee, M. Ahmad, P.Sharma, H. P Singh, D. R Batish, S. Kaur, A.Kaur, S. S Yadav,, Kohli, R.K.	Department of Environment Studies	Environmental and Experimental Botany	2021 - 2022	0098-8472
Disruption of carbohydrate and proline metabolism in anthers under low temperature causes pollen sterility in chickpea	Prof. Harsh Nayyar	Department of Botany	Environmental and Experimental Botany	2021 - 2022	ISSN:0098-8472
LysM domaincontaining proteins modulate stress response and signalling in Triticum aestivum L..	Shumayla, Madhu, Kashmir Singh, Santosh Kumar Upadhyay	Department of Biotechnology	Environmental and Experimental Botany	2021 - 2022	0098-8472
Understanding role of Glutathione Reductase gene family in drought and heat stresses in Brassica juncea and B. rapa	Deepika Verma and Kashmir Singh	Department of Biotechnology	Environmental and Experimental Botany	2021 - 2022	0098-8472
Evaluation of groundwater for drinking and irrigation applications concerning physicochemical and ionic parameters through multiple indexing approach: a case study around the industrial zone, Punjab, India	Suman Mor	Department of Environment Studies	Environmental Geochemistry and Health	2021 - 2022	1573-2983
Revisiting the virulence hallmarks of Pseudomonas aeruginosa: a chronicle through the perspective of quorum sensing	Jatin Chadha, Kusum Harjai, Sanjay Chhibber	Department of Microbiology	Environmental microbiology	2021 - 2022	1462-2920
Bridging the gap: linking morpho-functional traits’ plasticity with hyperaccumulation	Sharma, P., Ahmad, M., Rathee, Singh HP, Batish D.R Kohli, R.K.	Department of Environment Studies	Environmental Monitoring and Assessment	2021 - 2022	1573-2959
Cytotoxic and genotoxic assessment of agricultural soils from an industrial region	Masood F, Pandey R, Singh HP, Gupta AS, Kaur S, Batish DR,, Kohli, R.K.	Department of Environment Studies	Environmental Monitoring and Assessment	2021 - 2022	1573-2959

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Distribution of heavy metals in surface soil near a coal power production unit: potential risk to ecology and human health	Suman Mor	Department of Environment Studies	Environmental Monitoring and Assessment	2021 - 2022	1573-2959
Application of supermagnetic iron oxide nano particle(SPIONs) for heavy metal adsorption: A 10 year meta analysis	V Sharma, H Singh, S Guleria, N Bhardwaj, S Puri, S K Arya, M Khatri	University Institute of Engineering & Technology	Environmental nanotechnology, Monitoring and management	2021 - 2022	2215-1532
Performance of a fuel cell-based proton battery with varied designs of micro-flow channel for enhanced hydrogen storage	Gurwinder Singh, Amandeep Singh Oberoi, Harmesh K Kansal, Amrinder Pal Singh	University Institute of Engineering & Technology	Environmental Progress & Sustainable Energy	2021 - 2022	1944-7442 / 1944-7450
Metal organic frameworks for electrochemical sensor applications: A review	Navdeep Kajal, Vishavjeet Singh, Ritu Gupta, Sanjeev Gautam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environmental Research	2021 - 2022	0013-9351
Sustainable agronomic response of carbon quantum dots on Allium sativum: Translocation, physiological responses and alternations in chromosomal aberrations	Anjali Vijeata, Savita Chaudhary, Ganga Ram Chaudhary, Ahmad Umar, Sotirios Baskoutas	Department of Chemistry	Environmental Research	2021 - 2022	0013-9351
Comparative Metagenomics of the Active Layer and Permafrost from Low-Carbon Soil in the Canadian High Arctic	• Xiaofen Wu, Archana Chauhan, Alice C. Layton, Maggie C. Y. Lau Vetter ,Brandon T. Stackhouse, Dani	Department of Zoology	ENVIRONMENTAL SCIENCE & TECHNOLOGY	2021 - 2022	0013-936X / 1520-5851
Recent advances in the applications of nano-agrochemicals for sustainable agriculture development	H Singh, A Sharma, S K Bhardwaj, S K Arya, N Bhardwaj, M Khatri	University Institute of Engineering & Technology	Environmental science : processes and impacts	2021 - 2022	2050-7887
Amelioration potential of β -pinene on Cr(VI)-induced toxicity on morphology, physiology and ultrastructure of maize	Mahajan, P., Sharma, P., Singh, H.P., Rathe, S., Sharma, M., Batish, D.R., Kohli, R.K.	Department of Botany	Environmental Science and Pollution Research	2021 - 2022	9441344
Antibiotic residues in environment: antimicrobial resistance development, ecological risks, and bioremediation.	Apreja, M., Sharma, A., Balda, S., Kataria, K., Capalash, N. and Sharma, P.	Department of Biotechnology	Environmental Science and Pollution Research	2021 - 2022	1614-7499
Column optimization of adsorption and evaluation of bed parameters-based on removal of arsenite ion using rice husk	Monika, Surinder Singh*, Mamta Bhagat, Vishal Vilvas & Suresh Sundarmurthy	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environmental Science and Pollution Research	2021 - 2022	1614-7499
Construction of multifunctional NH ₂ -UiO-66 metal organic framework: sensing and photocatalytic degradation of ketorolac tromethamine and tetracycline in aqueous medium	Manpreet Kaur, Surinder Kumar Mehta & Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environmental Science and Pollution Research	2021 - 2022	1614-7499

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COVID-19 pandemic and sudden rise in crop residue burning in India: issues and prospects for sustainable crop residue management	Suman Mor	Department of Environment Studies	Environmental Science and Pollution Research	2021 - 2022	1614-7499
Geographic information system-based groundwater quality assessment for drinking and irrigation purposes in transboundary aquifers of River Ravi, India	Prof. Ashu Khosla	Department of Geology	Environmental Science and Pollution Research	2021 - 2022	09441344, 16147499
Occupational exposure to airborne pollen and associated health risks among gardeners: a perception-based survey	Suman Mor	Department of Environment Studies	Environmental Science and Pollution Research	2021 - 2022	1614-7499
Preventable mortality attributable to exposure to air pollution at the rural district of Punjab, India	Suman Mor	Department of Environment Studies	Environmental Science and Pollution Research	2021 - 2022	1614-7499
Relative effectiveness of arbuscular mycorrhiza and polyamines in modulating ROS generation and ascorbate-glutathione cycle in <i>Cajanus cajan</i> under nickel stress.	Saroy, K., & Garg, N.	Department of Botany	Environmental Science and Pollution Research, 28(35)	2021 - 2022	1614-7499
Recent advances in the application of noble nanoparticle in the colorimetric sensors for lead ions	H Singh, A Bamrah, S K Bhardwaj, A Deep, M Khatri, R J Brown, K H Kim	University Institute of Engineering & Technology	Environmental science nano.	2021 - 2022	2051-8161
Toxicity screening and ranking of diverse engineered nanomaterials using established hierarchical testing approaches with a complementary in vivo zebrafish model	J Kaur, I S Sohal, H Singh, N K Gupta, S Sehrawat, S Puri, D Bello, M Khatri	University Institute of Engineering & Technology	Environmental Science: Nano	2021 - 2022	2051-8161
Methodical study implicating the effectiveness of Microbial treatment over Xylanase Enzymatic treatment for Pulp Bio-bleaching	J Kaushal, A Raina, G Singh, M Khatri, SK Arya, N Karmegam, B Ravindran, SW Chang, R Mani, MK Awasth	University Institute of Engineering & Technology	Environmental Technology & Innovation	2021 - 2022	2352-1864
Sustainable degradation of pharmaceutical waste using different fungal strains: Enzyme induction, kinetics and isotherm studies	Nikita Dhiman , Savita Chaudhary , Avtar Singh , Archana Chauhan , Rajeev Kumar	Department of Zoology	Environmental Technology & Innovation	2021 - 2022	2352-1864
The Political Economy of India's New Middle Class	Prof. Ashutosh Kumar	Department of Political Science	EPW Vol. 57, Issue No. 26-27, 25 Jun, 2022	2021 - 2022	ISSN (Print) - 0012-9976 ISSN (Online) - 2349-8846

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Formulation of Biocompatible Vancomycin Conjugated Gold Nanoparticles for Enhanced Antibacterial Efficacy	Amritpal Kaur, Rajesh Kumar	Department of Physics	ES Energy & Environment	2021 - 2022	ISSN: 2578-0646
Untangling the effect of surfactants as an intermediate at gold nanoparticle-antibiotic interface for enhanced bactericidal effect	Amritpal Kaur, Rajesh Kumar	Department of Physics	ES Food & Agroforestry	2021 - 2022	ISSN: 2687-7295
Impact of Service Quality and Patient Orientation on Loyalty Through Mediation of Patient Satisfaction	Ajay Kumar Dogra	University Institute of Applied Management Sciences	ESC Transactions	2021 - 2022	1938-6737
New tailored organic semiconductors thin films for optoelectronic applications	Dinesh Pathak, Sanjay Kumar, Sonali Andotra, Jibin Thomas, Navneet Kaur, Praveen Kumar, Vaneet Kumar	Department of Chemistry	Eur. Phys. J. Appl. Phys. 95	2021 - 2022	--
Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Eur. Phys. J. C	2021 - 2022	1434-6044
Observation of $B^0 \rightarrow \psi(2S) K^0_{\text{S}}$ and $B^0_{\text{S}} \rightarrow \psi(2S) K^0_{\text{S}}$ decays	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Eur. Phys. J. C	2021 - 2022	
Propagating chirped lambert W-kink solitons for ac-driven higher-order nonlinear Schrödinger equation with quadratic-cubic nonlinearity	Neetu Maan, Sanjana Bhatia, Amit Goyal, C N Kumar	Department of Physics	Eur. Phys. J. Plus	2021 - 2022	2190-5444
Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Eur.Phys.J.C 81 (2021) 6, 488	2021 - 2022	14346044, 14346052
Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Eur.Phys.J.C 81 (2021) 8, 723	2021 - 2022	
Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13$ TeV in 2015 and 2016 at CMS	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Eur.Phys.J.C 81 (2021) 9, 800	2021 - 2022	
Measurements of angular distance and momentum ratio distributions in three-jet and $Z + \text{two-jet}$ final states in pp collisions	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Eur.Phys.J.C 81 (2021) 9, 852	2021 - 2022	

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Search for long-lived particles decaying to leptons with large impact parameter in proton–proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Eur.Phys.J.C 82 (2022) 2, 153	2021 - 2022	
Search for strongly interacting massive particles generating trackless jets in proton–proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Eur.Phys.J.C 82 (2022) 3, 213	2021 - 2022	
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Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV	Dr. lokesh kumar et al	Department of Physics	Eur.Phys.J.C 82 (2022) 4, 289	2021 - 2022	
Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s} = 13$ TeV	Dr. lokesh kumar et al	Department of Physics	Eur.Phys.J.C 82 (2022) 6, 514	2021 - 2022	
Exploitation of molecular mimicry between bacteria and spermatozoa for amelioration of sperm immobilization factor induced infertility in male mice.	Palak Sharma, Deepali Thapar, Aditi Chauhan and Vijay Prabha	Department of Microbiology	European Journal of biomedical and pharmaceutical Sciences	2021 - 2022	2349-8870
Safety profile of COVID-19 drugs in a real clinical setting	Mei Nee Chiu, Maitry Bhardwaj, Sangeeta Pilkhwal Sah	University Institute of Pharmaceutical Sciences	European Journal of Clinical Pharmacology	2021 - 2022	0031-6970 (print) 1432-1041 (web)
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Isospin effects in nuclear fragmentation at 600 MeV/nucleon	Navjot Kaur, Sakshi Gautam and Rajeev K. Puri	Department of Physics	European Physical Journal A-Hadrons and Nuclei 58, 7 (2022)	2021 - 2022	1434-6001
Minimizing the phase structure of quark mass matrices	Monika Randhawa	University Institute of Engineering & Technology	European Physical Journal C	2021 - 2022	ISSN: 1434-6044 (print); 1434-6052 (web)
A Review of Online Supervised Learning	Anuj Sharma	Department of Computer Science & Applications	Evolving Systems	2021 - 2022	1868-6478

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Garcinol blocks motor behavioural deficits by providing dopaminergic neuroprotection in MPTP mouse model of Parkinson's disease: involvement of anti-inflammatory response	Prof. Rajat Sandhir	Department of Biochemistry	Experimental Brain Research	2021 - 2022	144819
Nitric oxide pathway as a plausible therapeutic target in autism spectrum disorders	R Mehta, A Kuhad, Ranjana Bhandari	University Institute of Pharmaceutical Sciences	Expert Opinion on Therapeutic Targets	2021 - 2022	1744-7631
Fused framework for glaucoma diagnosis using Optical Coherence Tomography (OCT) images	Dr. Prashant Jindal	University Institute of Engineering & Technology	Expert Systems with Applications	2021 - 2022	0957-4174 / 1873-6793
Dilated Convolution based RCNN using Feature Fusion for Low-Altitude Aerial Objects,	Payal Mittal, Vishal Dhull, Raman Singh, Akashdeep Sharma,	University Institute of Engineering & Technology	Expert Systems with Applications, Elsevier	2021 - 2022	issn
Energy stability of thermally modulated inclined fluid layer	Renu Bajaj	Department of Mathematics	Fluid Dynamics Research	2021 - 2022	0169-5983
Tracking the seasonal dynamics of Himalayan birch using a time-lapse camera	Sharma, R., Kaur, S., Uniyal, S.K	Department of Botany	Folia Geobotanic a 56(2-3), pp. 125-138	2021 - 2022	
Development of carbon quantum dot-based lateral flow immunoassay for sensitive detection of aflatoxin M1 in milk	Singh, H., Singh, S., Bhardwaj, S. K., Kaur, G., Khatri, M., Deep, A., & Bhardwaj, N. (	University Institute of Engineering & Technology	Food Chemistry	2021 - 2022	18737072
Fluorescent carbon dots from Indian Bael patra as effective sensing tool to detect perilous food colorant	Anjali Vijeata, Savita Chaudhary, Ganga Ram Chaudhary	Department of Chemistry	Food Chemistry	2021 - 2022	0308-8146
Guava (Psidium guajava L.) seed: A low-volume, high-value byproduct for human health and the food industry	Manoj Kumar, Swati Kapoor,, Surinder Singh,..., RyszardAmarowicz, Deep Jyoti Bhuyan,	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Food Chemistry	2021 - 2022	ISSN: 0308-8146
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Thyme essential oil nano-emulsion/Tamarind starch/Whey protein concentrate novel edible films for tomato packaging	Gargi Ghoshal, Shivani,	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Food Control	2021 - 2022	0956-7135 ISSN
Allicin, a dietary trpa1 agonist, prevents high fat diet-induced dysregulation of gut hormones and associated complications,	Khare P, Mahajan N, Dharendra Pratap Singh DP, Kumar V, Kumar V, Mangal P, Boparai RK, Gesing A ,	University Institute of Pharmaceutical Sciences	Food Funct	2021 - 2022	20426496

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Cottonseed feedstock as a source of plant-based protein and bioactive peptides: Evidence based on biofunctionalities and industrial applications	Manoj Kumar, Muzaffar Hassan, ..., Jose M Lorenzo, Surinder Singh,..., John F. Kennedy	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Food Hydrocolloids	2021 - 2022	0268-005X
Moringa oleifera Lam. seed proteins: Extraction, preparation of protein hydrolysates, bioactivities, functional food properties, and industrial application	Manoj Kumar, Pavidharshini Selvasekaran , Swati Kapoor , Mrunal D. Barbhai , Jos'e M. Lorenzo , Vive	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Food Hydrocolloids	2021 - 2022	ISSN: 0268-005X
A Targeted Metabolomics Approach to Study Secondary Metabolites and Antioxidant Activity in „Kinnow Mandarin“during Advanced Fruit Maturity	Saini, M.K., Capalash, N., Varghese, E., Kaur, C. and Singh, S.P	Department of Biotechnology	Foods	2021 - 2022	2304-8158
Dental Anomalies as Identification Strategies for Unknown Human Remains: Literature Review and Application	J. S. Sehrawat*, B. Ahlawat	Department of Anthropology	Forensic Sci Rev	2021 - 2022	1042-7201
Computed tomographic age estimation from the pubic symphysis using the Suchey-Brooks method: A Systematic Review and Meta-analysis	Warrier V, Kanchan T, Shedge R, Krishan K, Singh S	Department of Anthropology	Forensic Science International	2021 - 2022	0379-0738
Towards facial recognition using likelihood ratio approach to facial landmark indices from images	Verma R, Bhardwaj N, Bhavsar A, Krishan K	Department of Anthropology	Forensic Science International Reports	2021 - 2022	2665-9107.
The development, status and future of forensics in India	Kathane P, Singh A, Gaur JR, Krishan K	Department of Anthropology	Forensic Science International: Reports	2021 - 2022	2665-9107.
B. Madhopuri, (2020). My Caste—My Shadow: Selected Poems	Prof. Akshay kumar	Department of English & Cultural Studies	Fortell	2021 - 2022	ISBN 9789383723706,
Implication of mitochondrial ROS-NLRP3 inflammasome axis during two-hit mediated acute lung injury in mice	Prof. Amarjit Singh Naura	Department of Biochemistry	Free Radical Research	2021 - 2022	ISSN 10715762
Characterization and Antimicrobial Studies of Iturin-Like and Bogorol-Like Lipopeptides From Brevibacillus spp. Strains GI9 and SKDU10.	Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Front. Microbiol.	2021 - 2022	1664-302X
Design, Synthesis, and Quorum Quenching Potential of Novel Catechol Zingerone Conjugate to Find an Elixir to Tackle Pseudomonas aeruginosa Through the Trojan Horse Strategy	Surabhi Mangal, Tamanna Dua, Monika Chauhan, Neelima Dhingra, Sanjay Chhibber, Vasundhara Singh a	University Institute of Pharmaceutical Sciences	Frontier in Chemistry	2021 - 2022	2296-2646

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Gentamicin Augments the Quorum Quenching Potential of Cinnamaldehyde In Vitro and Protects Caenorhabditis elegans From Pseudomonas aeruginosa Infection	Jatin Chadha ¹ Ravi, Jogender Singh ² Sanjay Chhibber and Kusum Harjai	Department of Microbiology	Frontiers in cellular and infection microbiology	2021 - 2022	2235-2988
Carbon Based Nanodots in Early Diagnosis of Cancer.	Singh G, Kaur H, Sharma A, Singh J, Alajangi HK, Kumar S, Singla N, Kaur IP, Barnwal RP	University Institute of Pharmaceutical Sciences	Frontiers in Chemistry	2021 - 2022	2296-2646
Design, Synthesis, and Quorum Quenching Potential of Novel Catechol-Zingerone Conjugate to Find an Elixir to Tackle Pseudomonas aeruginosa Through the Trojan Horse Strategy	Surabhi Mangal ¹ , Tamanna Dua ² , Monika Chauhan ³ , Neelima Dhingra ³ , Sanjay Chhibber ¹ , Vasundhara	Department of Microbiology	Frontiers in Chemistry	2021 - 2022	22962646
Intersections in Neuropsychiatric and Metabolic Disorders: Possible Role of TRPA1 Channels	Sodhi RK, Singh R, Bansal Y, Bishnoi M, Parhar I, Kuhad A, Soga T.	University Institute of Pharmaceutical Sciences	Frontiers in Endocrinology	2021 - 2022	1664-2392
Novel Nanotechnological Approaches for Targeting Dorsal Root Ganglion (DRG) in Mitigating Diabetic Neuropathic Pain (DNP)	Ashmita Sharma, Anurag Kuhad , Ranjana Bhandari	University Institute of Pharmaceutical Sciences	Frontiers in endocrinology	2021 - 2022	1664-2392
Pinpointing the Geographic Origin of 165-Year-Old Human Skeletal Remains Found in Punjab, India: Evidence From Mitochondrial DNA and Stable Isotope Analysis	. Sehrawat, J. S., Agrawal, S.,Sankhyan, D., Singh, M., Kumar, S., Prakash, S., ... & Rai, N.	Department of Anthropology	Frontiers in Genetics	2021 - 2022	16648021
Progress of genomics-driven approaches for sustaining underutilized legume crops in the post-genomic era	Prof. Harsh Nayyar	Department of Botany	Frontiers in genetics	2021 - 2022	ISSN: 16648021
Mucormycosis amid COVID 19 crisis: pathogenesis, diagnosis and novel treatment strategies to combat the spread	Dogra S, Aggarwal A, Passi G, Sharma A, Singh G, Barnwal RP	University Institute of Pharmaceutical Sciences	Frontiers in Microbiology	2021 - 2022	1664-302X
Mucormycosis Amid COVID-19 Crisis: Pathogenesis, Diagnosis, and Novel Treatment Strategies to Combat the Spread	Shreya Dogra, Akanksha Arora, Aashni Aggarwal, Gautam Passi, Akanksha Sharma, Gurpal Singh, Ravi Pra	Department of Biophysics	Frontiers in Microbiology	2021 - 2022	1664-302X
Multipotential Alkaline Protease From a Novel Pyxidicoccus sp. 252: Ecofriendly Replacement to Various Chemical Processes	Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	Frontiers in Microbiology	2021 - 2022	1664-302X
Advances and Perspective on Antimicrobial Nanomaterials for Biomedical Applications	Preeti Garg, Rohit Sharma, Moondeep chauhan, Prerna Attri	Department of Microbial Biotechnology	Frontiers in Nanotechnology	2021 - 2022	2673-3013

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Aerosolizable Lipid-Nanovesicles Encapsulating Voriconazole Effectively Permeate Pulmonary Barriers and Target Lung Cells	Kaur R, Dennison SR, Rudramurthy SM, Katare OP, Sharma T, Singh B, Singh KK.	University Institute of Pharmaceutical Sciences	Frontiers in Pharmacology	2021 - 2022	1663-9812
Aerosolizable Lipid-Nanovesicles Encapsulating Voriconazole Effectively Permeate Pulmonary Barriers and Target Lung Cells.	Kaur, R., Dennison, S.R., Rudramurthy, S.M., Katare, O.P., Sharma, T., Singh, B. and Singh, K.,	University Institute of Pharmaceutical Sciences	Frontiers in Pharmacology	2021 - 2022	1663-9812
A Walk Through the Maze of Secondary Metabolism in Orchids: A Transcriptomic Approach	Dr. Jaspreet Kaur	Department of Botany	Frontiers in Plant Science	2021 - 2022	1664-462X
Excess nitrogen responsive HvMADS27 transcription factor controls barley root architecture by regulating abscisic acid level.	Smoczynska A, Pacak A, Grabowska A, Bielewicz D, Zadworny M, Singh K, Jakub D, Mateusz B, Przemys	Department of Biotechnology	Frontiers in Plant Science	2021 - 2022	1664-462X
Major QTLs and potential candidate genes for heat stress tolerance identified in chickpea (Cicer arietinum L.).	Prof. Harsh Nayyar	Department of Botany	Frontiers in plant science	2021 - 2022	ISSN:1664-462X
Physiological and Molecular Approaches for Developing Thermotolerance in Vegetable Crops: A Growth, Yield, and Sustenance Perspective	Prof. Harsh Nayyar	Department of Botany	Frontiers in Plant Science	2021 - 2022	ISSN:1664-462X
Response of Physiological, Reproductive Function and Yield Traits in Cultivated Chickpea (Cicer arietinum L.) Under Heat Stress	Prof. Harsh Nayyar	Department of Botany	Frontiers in plant science	2021 - 2022	ISSN: 1664-462X
Yoga as a Preventive Intervention for Cardiovascular Diseases and Associated Comorbidities: Open-Label Single Arm Study	DR. RAVNEET KAUR	Department of Zoology	Frontiers in Public Health	2021 - 2022	2296-2565
YOGA as a preventive intervention for Cardiovascular diseases and associated co-morbidities: open-label single arm study	Kaushal Sharma 1 2,Suresh Sharma, Sridhar Bammidi 1, Rah	Department of Statistics	Frontiers in Public Health, section Clinical Diabetes	2021 - 2022	02515342, 16622995
Water Quality Implicaitons of the neutralization of acid mine drange with coal fly ash from India and the United States	Debabrata Das	Department of Geology	Fuel	2021 - 2022	0016-2361
Neuroprotective effect of hesperidin and its combination with coenzyme Q10 on an animal model of ketamine-induced psychosis: behavioral changes, mitochondrial dysfunctions, biochemical alterations.	Monu Yadav, Naresh Kumar and Anil kumar	University Institute of Pharmaceutical Sciences	Future Journal of Pharmaceutical Science	2021 - 2022	2314-7253

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Nanostructured lipid carriers: a promising drug carrier for targeting brain tumours	Jivesh Garg, Khushboo Pathania, Sangeeta Pilkhwal Sah and Sandip V. Pawar.	University Institute of Pharmaceutical Sciences	Future Journal of Pharmaceutical Sciences	2021 - 2022	
Natural bioactives versus synthetic antibiotics for the attenuation of quorum sensing-regulated virulence factors of <i>Pseudomonas aeruginosa</i>	Surabhi Mangal, Vasundhara Singh , Sanjay Chhibber & Kusum Harjai	Department of Microbiology	Future Microbiology	2021 - 2022	1746-0921
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Association of single nucleotide polymorphisms of interferon- γ with pulmonary tuberculosis in population of Himachal Pradesh, India	Nain Singh Dhiman, Varinder Saini, Vijay Kumar	Department of Zoology	Gene	2021 - 2022	0378-1119
Assessment of Geodiversity of Parbati River Basin in North-Western Himalayan Region, India	Madhuri Rishi	Department of Environment Studies	Geocarto International	2021 - 2022	1010-6049
Rajnagar Marble: a Prominent Heritage Stone from Rajasthan, NW India	Sanchit Garg, Pradeep A., P S.Ranawat, ParminderKaur, Amritpaul S. Jaspreet Saini, Gurmeet Kaur	Department of Geology	Geoheritage	2021 - 2022	18672477
Kaimur Sandstone of Vindhyan Supergroup: a Prevalent Prehistoric and Ancient Monumental Heritage Stone from Son Valley of Central India	Shinjana Sen, Parminder Kaur, Jaspreet Saini, Gurmeet Kaur & Meenal Mishra	Department of Geology	Geohertiage	2021 - 2022	1867-2485
Altmetrics and their relationship with citation counts: a case of journal articles in physics	Preeti Mahajan & Rishabh Shrivastava	Department of Library & Information Science	Global Knowledge Memory and Communication	2021 - 2022	2514-9342
Research scholars and faculty members perception and participation in collection development of university libraries of Northern India—a comparative study	Har Singh, Preeti Mahajan	Department of Library & Information Science	Global Knowledge, Memory and Communication	2021 - 2022	2514-9350 .
Nanomaterials in the cosmetics industry: A greener approach	Kushal Arya, Rekha Bhar, Richa, Ramesh Kataria, and Surinder Kumar Mehta	Department of Chemistry	Green Nanomaterials for Industrial Applications	2021 - 2022	012823296X, 978-0128232965
Occurrence and behaviour of uranium in the groundwater and potential health risk associated in semi-arid region of Punjab, India	Debabrata Das	Department of Geology	Groundwater for Sustainable Development	2021 - 2022	2352801X
3Bi-directional elucidation of <i>Lactiplantibacillus plantarum</i> (RTA 8) intervention on the pathophysiology of gut-brain axis during <i>Salmonella</i> brain infection	Amrita Kaur A, Kaur IP, Chopra K, Rishi P	University Institute of Pharmaceutical Sciences	Gut Pathog	2021 - 2022	

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Bi-directional elucidation of Lactiplantibacillus plantarum (RTA 8) intervention on the pathophysiology of gut-brain axis during Salmonella brain infection	Amrita Kaur , Indu Pal Kaur , Kanwaljit Chopra , Praveen Rishi	Department of Microbiology	Gut Pathogens	2021 - 2022	1757-4749
Paid News:Key issues and challenges in India	Dr.Bharat (1st author)	University Institute of Legal Studies	GYAN VIMARSHA: An Inter-Disciplinary Research Journal	2021 - 2022	2581-6845
Sochna Prodyogikiki Karnti Ki Vahak	Dr. Gurmeet Singh	Department of Hindi	Harigandha	2021 - 2022	
DVH Analyzer: design and algorithm to reveal DVH bands for quantitative analysis of robust radiotherapy treatment plans	Dr. Vivek Kumar	Centre for Medical Physics	Health and Technology	2021 - 2022	Electronic 2190-7196, Print ISSN 2190-7188
Probing texture 4 zero quark mass matrices in the era of precision measurements	Aakriti Bagai, Aseem Vashisht, Nikhila Awasthi, Gulsheen Ahuja, Manmohan Gupta	Department of Physics	hep-ph	2021 - 2022	
Charophyte assemblage in the Cretaceous–Palaeogene boundary from Chhindwara District (Madhya Pradesh), Central India	SACHIN KANIA1, ASHU KHOSLA1, OMKAR VERMA2*, MANTHENA PRASHANTH2	Department of Geology	Himalayan Geology	2021 - 2022	0971-8966
Morphometric Characterization and Tectonic Geomorphology of the Upper Beas basin, Himachal Himalaya, India	SARABJEET SINGH , TEJPAL SINGH *, SEEMA SINGH , A.K. AWASTHI 1 2 1 3	Department of Geology	Himalayan Geology	2021 - 2022	0971-8966
Slope Stability Analysis along National Highway-05 (from Karchham Dam to Akpa), Kinnaur District, Himachal Pradesh, India	JAI PARKASH1, 2, MAHESH THAKUR1*, T.N. SINGH3, VIRENDER SINGH NEGI4	Department of Geology	Himalayan Geology	2021 - 2022	0971-8966
The Cambrian in the Lesser Himalaya	O.N. BHARGAVA, BIRENDRA P. SINGH	Department of Geology	Himalayan Geology	2021 - 2022	0971-8966
New remains of Nalamaeryx (Tragulidae, Mammalia) from the Ladakh Himalaya and their phylogenetical and palaeoenvironmental implications	Mennecart,B. Wasim A. Wazir, Ramesh K. Sehgal, Rajeev Patnaik, Ningthoujam P. Singh, Navin Kumar & A	Department of Geology	Historical Biology	2021 - 2022	1029-2381
Evidence for Reversal of Immunosuppression by Homeopathic Medicine to a Predominant Th1-type Immune Response in BALB/c Mice Infected with Leishmania donovani	Prof. Sukhbir Kaur	Department of Zoology	Homeopathy	2021 - 2022	1475-4916 / 1476-4245
Preparation, Standardization and Anti-plasmodial Efficacy of Novel Malaria Nosodes	Prof. Sukhbir Kaur	Department of Zoology	Homeopathy	2021 - 2022	1475-4916 / 1476-4245

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Valorization Potential of Tomato (Solanumlycopersicum L.) Seed: Nutraceutical Quality, Food Properties, Safety Aspects, and Application as a Health-Promoting Ingredient in Food	Manoj Kumar, Deepak Chandran, Surinder Singh,..., Mohamed Mekhemar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Horticulturae	2021 - 2022	2311-7524
Stable C and N isotope analysis of human dental remains retrieved from an ancient well at Ajnala (Punjab, India): Assessment of Dietary status and geographic affiliations	SEHRAWAT, J., Sankhyan, D., Dutt, S.,& Rai, N.	Department of Anthropology	https://doi.org/10.21203/rs.3.rs-1053629/v1	2021 - 2022	
Geochemical and health risk assessment of potentially toxic trace elements and nitrate via groundwater in agro-ecosystem of alluvial plain Punjab, India	Debabrata Das	Department of Geology	Human and Ecological Risk Assessment: An International Journal	2021 - 2022	1549-7860
Neoliberal Capitalism and Misery of small Peasantry and Agricultural Labourers in India	Singh, Paramjit	Department of Economics	Human Geography Volume 15 Number 2 July 2022	2021 - 2022	ISSN: 1942-7786 Online ISSN: 2633-674X
Sex-dependent regulation of interferon-γ receptor expression in pulmonary tuberculosis	Nain Singh Dhiman, Varinder Saini, Vijay Kumar	Department of Zoology	Human Immunology	2021 - 2022	0198-8859
Drama Creating Platform through Mobile Arts for Peace (MAP)	Dr. Navdeep Kaur	Department of Indian Theatre	IDEAL	2021 - 2022	2319-359X
Protection of Children from Sexual Offences: A Judicial Approach	Dr. Bharat	University Institute of Legal Studies	Ideal Journal of Legal Studies	2021 - 2022	2231-0983
TrueNat: A feather in the cap of India's rapid testing capacity and its scope in dentistry	Litesh Singla	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	IDJSR	2021 - 2022	2394-708X
A Hybrid V2S Scheme for Burned Area Identification with Agriculture Fire	G. Bawa, A. Sharma, H. Kumar, P. Agarwal and V. Mangat	University Institute of Engineering & Technology	IEEE, 8th International conference on Advanced Computing and Communication Systems (ICACCS), 2022	2021 - 2022	issn
Recurrent Neural Network-Based Model for Named Entity Recognition with Improved Word Embeddings	Archana Goyal, Vishal Gupta & Manish Kumar	P.U. Regional Centre, Muktsar	IETE Journal of Research	2021 - 2022	0377-2063
PEFT-based Trade-off Schedule Plan for Execution IoT Applications in Cloud Environment	Amandeep Verma	University Institute of Engineering & Technology	IETE Journal of Research	2021 - 2022	N.A

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Recurrent Neural Network-Based Model for Named Entity Recognition with Improved Word Embeddings	Archana Goyal, Vishal Gupta and Manish Kumar pp:1-7, Published online on 16 Dec 2021	University Institute of Engineering & Technology	IETE Journal of Research, Taylor and Francis,	2021 - 2022	0377-2063
Semantic-Based Integrated Plagiarism Detection Approach for English Documents	Manpreet Kaur,Vishal Gupta and Ravreet Kaur	University Institute of Engineering & Technology	IETE Journal of Research, Taylor and Francis,	2021 - 2022	Issn
Triple Talaq	Dr Pooja Sood	P.U. S.S. Giri Regional Centre, Hoshiarpur	IJLRA	2021 - 2022	2582-6433
Proportion of B cell subsets and Nrf2 mediated redox regulation in systemic lupus erythematosus patients	Prof. Archana Bhatnagar	Department of Biochemistry	Immunobiology	2021 - 2022	1712985
Global histone modification analysis reveals hypoacetylated H3 and H4 histones in B Cells from systemic lupus erythematosus patients	Prof. Archana Bhatnagar	Department of Biochemistry	Immunology Letters	2021 - 2022	1652478
Politics and government in the Hindi heartland India: reading Raag Darbari	Prof Ashutosh Kumar	Department of Political Science	India Review	2021 - 2022	14736489
3D printed sensor for online condition monitoring of energy storage device	Prof. Amrinder Pal Singh	University Institute of Engineering & Technology	Indian Academy of Sciences	2021 - 2022	0253-4142 / 0973-7685
Distortion, rotation and scale invariant recognition of hollow Hindi characters	Mohinder Kumar, M K Jindal and Munish Kumar	P.U. Regional Centre, Muktsar	Indian Academy of Sciences	2021 - 2022	0973-7677
Corporate social responsibilities for environmental stewardship	Dr.Bharat	University Institute of Legal Studies	Indian Bar Review	2021 - 2022	9.78819E+12
Shrinking Greens: Travellers' Account of the Heritage Gardens of Ahmedabad:1400-2016	Mahesh Sharma	Department of Evening Studies	Indian Historical Review	2021 - 2022	0376-9836, 975-5977
Chemoinformatic study and in-vitro bioevaluation of Tc-99m labeled N-acetyl neuraminic acid in C6 glioma cells: Potential role as a radionuclide imaging probe, Indian Journal of Nuclear Medicine	Ravi Ranjan Kumar, Radhika Rani Jaswal, Avneet Saini, D K Dhawan, Vijayta D Chadha.	Centre for Nuclear Medicine	Indian J Nucl Med .	2021 - 2022	0972-3919
Pediatric Palatal Focal Fibrous Hyperplasia	Vandana Chhabra, Hemant Batra	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal of Applied Research	2021 - 2022	ISSN 2249-555X (Print)
Endodontic management of a case of radix entomolaris	Dr Kitty sidhu	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian journal of conservative dentistry and endodontics	2021 - 2022	2581-9534
Ex-vivo evaluation of Nano-MgO in the Elimination of Endodontic Pathogen E.Feacalis	Kitty sidhu,Jagat bhushan, Sonia bhardwaj	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian journal of conservative dentistry and endodontics	2021 - 2022	2581-9534
Management of intrinsic discoloration of maxillary incisors with walking bleach	Ruchi singla	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian journal of conservative endodontics	2021 - 2022	2581-9534

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Proportionality and Burden of Proof: Constitutional Review in India	Shruti Bedi	University Institute of Legal Studies	Indian Journal of Constitutional Law, Vol. 10, 2021	2021 - 2022	ISSN: 0975-0134
Climate change and its impact on health: perception of people of Kotkhai tehsil of district Shimla, Himachal Pradesh	Jagriti Mehta, AK Sinha, Maninder Kaur	Department of Anthropology	Indian Journal of Development Research and Social Action.	2021 - 2022	0973-3116
India's Rising Import Dependence: An Analysis of its Current Status, Concerns and Strategies	Dr. Ajay Ranga	University Institute of Legal Studies	Indian Journal of Economic and Development	2021 - 2022	22775412, 23220430
Financial Performance of Micro-Finance Institutions in India	1. Singla, N., Ahmed M. and Singh, Kulwinder	University Business School	Indian Journal of Economics and Development	2021 - 2022	2322-0430
India's Rising Import Dependence: An Analysis of its Current Status, Concerns, and Strategies	Singh, K., Sandhu, S. and Ranga, A	University Business School	Indian Journal of Economics and Development	2021 - 2022	2277-5412
Application of graphite rods in producing Inconel-625 (UNS N06625) joints through the use of microwave radiation energy	Dr. Parveen Goyal	University Institute of Engineering & Technology	Indian Journal of Engineering and Materials Sciences	2021 - 2022	0971-4588 / 0975-1017
Investigation of micro hardness of H11 die steel using composite material electrodes in EDM	Dr. Parveen Goyal	University Institute of Engineering & Technology	Indian Journal of Engineering and Materials Sciences	2021 - 2022	0971-4588 / 0975-1017
Investigation of micro-hardness of H11 die steel using composite material electrodes in EDM	arveen Goyal , Rajesh Kumar , Sanjeev Kumar , & Bharat Singh	University Institute of Engineering & Technology	Indian Journal of Engineering and Materials Sciences	2021 - 2022	0971-4588
Seasonal association of relatively abundant mosquitoes of Culex pipens group in different ecological habitats of chandigarh and its nearby areas.	Prof. Sukhbir Kaur	Department of Zoology	Indian journal of entomology	2021 - 2022	0367-8288
Bioactivity guided fractionation of Bombax ceiba L. root extract for antidepressant activity and elucidation of mechanism of action using in silico studies	Anup Ojha, Ritika Arora, Rukhsar Khan, Sangeeta Pilkhwal Sah & Kumud Upadhyaya	University Institute of Pharmaceutical Sciences	Indian Journal of Experimental Biology	2021 - 2022	ISSN 0975-1009 (Online)
Purification, characterization and potential detergent industry application of a thermostable α -amylase from Bacillus licheniformis RA31	Himanshu Sharma, Navneet Batra & Jagtar Singh	Department of Biotechnology	Indian Journal of Experimental Biology	2021 - 2022	0019-5189

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Tinospora cordifolia (Willd.) Hook. f. and Thoms. and Arabinogalactan exert chemopreventive action during B(a)P induced pulmonary carcinogenesis: Studies on ultrastructural, molecular and biochemical alterations.	Mohan V, Koul A	Department of Biophysics	Indian Journal of Experimental Biology	2021 - 2022	of Biophysics, Panjab University, Chandigarh Department of Biophysics Panjab University, Chandigarh 0975- 1009 0019- 5189 (PISSN)
Elucidating genetic diversity and association mapping to identify SSR markers linked to 100 seed weight in chickpea (Cicer arietinum L.)	Prof. Harsh Nayyar	Department of Botany	Indian Journal of Genetics and Plant Breeding	2021 - 2022	ISSN: 0975-6906
Social Isolation among Single Elderly Persons Living Alone	Prof. Madhurima Verma	University School of Open Learning	Indian Journal of Gerontology a quarterly journal devoted to research on ageing Vol. No. 3, 2021	2021 - 2022	0971-4189
Sexual Harassment: A Growing Concern in Hospital Settings	Dr. Reena Rani Chaudhary	University School of Open Learning	Indian Journal of Health and Wellbeing	2021 - 2022	2229-5356
Demographic Dividend in the Age of Neoliberal Capitalism: An Analysis of Employment and Employability in India	Singh, Paramjit	Department of Economics	Indian Journal of Labour Economics 64(3): 595–619	2021 - 2022	0019-5308 (online), Print ISSN 0971-7927
Quorum-sensing effector pyocyanin but not farnesol & acyl homoserine lactone exhibit antibacterial activity	Nakshdeep Kaur Kahlon, Anayata Sharma, Himika Dogra & Rachna Singh* (*Corresponding author)	Department of Microbial Biotechnology	Indian Journal of Medical Research	2021 - 2022	0971-5916
Role of serum microRNAs as biomarker for three gynecological disorders	Kumari P, Sharma I, Saha SC, Srinivasan R., Bhardwaj	Department of Zoology	Indian Journal of Medical Research (IJMR)	2021 - 2022	0971-5916
Aloe vera modulates X-ray induced bone mineral loss and other deleterious effects on various tissues of mice. Indian Journal of Natural Products and Resources.	Bala S, Koul A	Department of Biophysics	Indian Journal of Natural Products and Resources	2021 - 2022	0976-0504

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Chemoinformatic Study and In vitro Bioevaluation of Tc-99m-Labeled N-Acetyl Neuraminic Acid in C6 Glioma Cells: Potential Role as a Radionuclide Imaging Probe	Ravi Ranjan Kumar, Radhika Rani Jaswal, Avneet Saini, Devinder Kumar Dhawan, Vijayta Dani C	Department of Biophysics	Indian Journal of Nuclear Medicine	2021 - 2022	3465-8550
Target Specific Uptake of a Newly Synthesized Radiolabeled 5 α -Reductase Inhibitor Tc-99m-17-Oxo-17a-Aza-D-Homo-5-Androsten-3 β -yl Phenoxyacetate (Tc-99m-17a-Aza Steroid) in Rat Prostatic Neoplastic Lesions	Gowsia Jan, Swati Bhat, Monika Chauhan, Devinder Kumar Dhawan, Neelima Dhingra, Vijayta Dani Chadha	Department of Biophysics	Indian Journal of Nuclear Medicine	2021 - 2022	9723919
Target specific uptake of a newly synthesized radiolabelled 5 α -reductase inhibitor ‘Tc- 99m-17-oxo-17a-aza-D-homo-5-androsten-3 β -ylphenoxyacetate (Tc-99m-17a-aza steroid)’ in rat prostatic neoplastic lesions	GowsiaJan, SwatiBhat, MonikaChauhan, Devinder KumarDhawan, NeelimaDhingra, Vijayta DaniChadha	University Institute of Pharmaceutical Sciences	Indian Journal of Nuclear Medicine	2021 - 2022	0972-3919
Target specific uptake of a newly synthesized radiolabelled 5 α -reductase inhibitor ‘Tc-99m-17-oxo-17a-aza-D-homo-5-androsten-3 β -ylphenoxyacetate (Tc-99m-17a-aza steroid)’ in rat prostatic neoplastic lesions	Jan Gowsia, Swati, Neelima D Passi, Moika, Devinder Kumar Dhawan, Vijayta Dani Chadha	Centre for Nuclear Medicine	Indian Journal of Nuclear Medicine	2021 - 2022	0972-3919
Satisfaction and Health-Related Quality of Life Following Hip and Knee Arthroplasty Surgeries in Indian Patients: A Cross-Sectional Study	Ramesh K. Sen, Veeresh Shetti, Suresh Kumar Sharma and et al.	Department of Statistics	Indian Journal of Orthopaedics	2021 - 2022	ISSN: 0019-5413
A New Classification System for Acetabular Bone Defect Evaluation in Posttraumatic Acetabular Nonunion and Malunion	Ramesh K. Sen, Reet Mukhopadhyay, Veeresh Pattanshetti, Gaurav Saini, Sujit Kumar Tripathy, Siddhart	Department of Statistics	Indian Journal of Orthopedics	2021 - 2022	19983727, 00195413
Anti-metastatic and Anti- telomerase activity of Tinospora cordifolia andits active polysaccharide Arabinogalactan during Benzo(a)pyrene induced lung carcinogenesis.	Mohan V, Koul A	Department of Biophysics	Indian Journal of Pharmacology	2021 - 2022	0253- 7613
Nonlinear analysis for thermal convection in Oldroyd-B nanofluids with zero nanoparticle flux on the boundaries.	Jeevanpreet Kaur, Urvashi Gupta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Indian Journal of Physics	2021 - 2022	0973-1458
An epidemiological study to find out problems faced by patients and their attendants in three major hospitals of Chandigarh	Dr. Savita Prashar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal of Preventive & Social Medicine	2021 - 2022	0301-1216

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Psychological and Theoretical Perspective on Juvenile Delinquency	Dr. Ajay Rnaga	University Institute of Legal Studies	Indian Journal of Psychological Science	2021 - 2022	9769218
An Empirical Investivation on MLA's of Haryana State	Jitendra Mohan and Jyoti	Department of Psychology	Indian Journal of Psychology	2021 - 2022	0019-5553
Character Strengths, Stress and Coping Styles of Adolescents	Jitendra Mohan and Medhavi Gugnani	Department of Psychology	Indian Journal of Psychology	2021 - 2022	0019-5553
Emotional Intelligence in Sports and Academic	Jitendra Mohan and Guneet Interjit Kaur	Department of Psychology	Indian Journal of Psychology	2021 - 2022	0019-5553
Flourishing, Mental Health and Resilience : A Review	Jitendra Mohan and Ridhima Sharma	Department of Psychology	Indian Journal of Psychology	2021 - 2022	0019-5553
Passion : A New Wheel of Sports Activity	Jitendra Mohan and Kuldeep Singh	Department of Psychology	Indian Journal of Psychology	2021 - 2022	0019-5553
Psychological Well-being of College Students of Ladhak in Relation to Stress and Perceived Social Support	Jitendra Mohan and Mohd. Mustafa	Department of Psychology	Indian Journal of Psychology	2021 - 2022	0019-5553
The Mental Health of Students During Covid-19 Lockdown	Harwinder Bharthy & Upasna Joshi Sethi	University Institute of Applied Management Sciences	Indian Journal of Psychology	2021 - 2022	0019-5553
Youth and Anxiety During COVID – 19 Pandemic: A Reflection	Gaurav Gaur & Sukhbir Singh	Centre for Social Work	Indian Journal of Psychology	2021 - 2022	195553
Study on awareness of consumers about transfat in Chandigarh	kunal singh, ruchika nandha, savita prashar	Centre for Public Health	Indian journal of public health research and development	2021 - 2022	0976-0245
Two dimensional constacyclic codes of arbitrary length over finite fields	Madhu Raka	Department of Mathematics	Indian Journal of Pure and Applied Mathematics	2021 - 2022	0019-5588
Home-Based Care in the Community	Shikha Tyagi, Akshit Katoch, Subhash Das, Nitin Gupta	Centre for Social Work	Indian Journal of Social Psychiatry	2021 - 2022	37:343-5
Lift the Lip: A Simple Visual Tool for Caries Risk Assessment	Namrata C Gill	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Pediatrics	2021 - 2022	ISSN(Print) 0019-6061
Particulate matter in COPD pathogenesis: an overview	Manpreet Kaur, Jitender Chandel, Jai Malik, Amarjit S Naura.	University Institute of Pharmaceutical Sciences	Inflammation Research	2021 - 2022	ISSN: 1023-3830
Particulate matter in COPD pathogenesis: an overview Particulate matter in COPD pathogenesis: an overview Particulate matter in COPD pathogenesis: an overview Particulate matter in COPD pathogenesis: an overview	Prof. Amarjit Singh Naura	Department of Biochemistry	Inflammation Research	2021 - 2022	ISSN 10233830

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Neuroprotective effects of roflumilast against quinolinic acid-induced rat model of Huntington's disease through inhibition of NF-κB mediated neuroinflammatory markers and activation of cAMP/CREB/BDNF signaling pathway.	Saroj P, Bansal Y, Singh R, Akhtar A, Sodhi RK, Bishnoi M, Sah SP, Kuhad A.	University Institute of Pharmaceutical Sciences	Inflammopharmacology	2021 - 2022	9254692
Fluorimetric quantification of picric acid in aqueous medium via smartphone and invisible ink applications using pyrene based sensor	Gitanjali Jindal, Navneet Kaur	Department of Chemistry	Inorganic Chemical Communications	2021 - 2022	1387-7003
Uracil possessing turn-on fluorescent sensor for F ⁻ and AcO ⁻ ions with the simultaneous detection of boric acid in antiseptic eye-wash solution	Gitanjali Jindal , Navneet Kaur	Department of Chemistry	Inorganic Chemical Communications	2021 - 2022	1387-7003
Dithiophosphonate Anchored Heterometallic (Ag(I)/Fe(II)) Molecular Catalysts for Electrochemical Hydrogen Evolution Reaction	JangidDK,DastiderSG,BiswasR,KhirdS,MeenaS,KumarP,SahooSC,Verm aVP,MakdeRD,KumarA,JangirR et. al.	Department of Chemistry	Inorganic Chemistry	2021 - 2022	0020-1669
Halogen Bond Mediated Self-Assembly of Mononuclear Lanthanide Complexes: Perception of Supramolecular Interactions, Slow Magnetic Relaxation, and Photoluminescence Properties	Sushila, R. Siddiqui, K. Shivam, A. Sil, Ramesh Kataria, S. Goswami, P.Venugoplan, R. Patra	Department of Chemistry	Inorganic Chemistry	2021 - 2022	0020-1669 (print); 1520-510X (web)
Metal–Organic Frameworks based Selective Molecular Recognition of Organic Amines and Fixation of CO ₂ into Cyclic Carbonates	P. Rani, A. Husain, K. K. Bhasin and Girijesh Kumar*	Department of Chemistry	Inorganic Chemsitry	2021 - 2022	0020-1669
Probing the structural features and magnetic behaviors in dinuclear cobalt(II) and trinuclear iron(III) complexes	S. Dhamija, M.Patra, J. Pécaut, Ramesh Kataria, S. Goswami, S. Bhowmik, R. Patra	Department of Chemistry	Inorganica Chimica Acta	2021 - 2022	0020-1693
Thiosemicarbazone-triazole bearing siloxy framework for the detection of Hg ₂ ⁺ and Cu ₂ ⁺ ions and their potent cytotoxic activity	GurjaspreetSinghaSushmabPriyankaSumeshKhuranaaGurleenSinghcJandeepSinghcMariaAngelesEstebandCristó	Department of Chemistry	Inorganica Chimica Acta	2021 - 2022	0020-1693
Anthraquinone appended chemosensors for fluorescence monitoring of anions and/or metal ions	Navneet Kaur , Gauri	Department of Chemistry	Inrganica Chimica Acta	2021 - 2022	0020-1693
Effect of non-surgical periodontal therapy on the serum and crevicular fluid interleukin-10 levels in chronic periodontitis - A systematic review and meta-analysis	Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Int .J Health Sci (Qassim).	2021 - 2022	1658-7774

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Contamination of ‘in-use’ bar soaps in dental clinics of University hospital	Dr. Jyoti Sharma, Dr. Manjula Mehta, Dr. Sonia B Bhardwaj	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Int J Community MedPublic Health	2021 - 2022	pISSN 2394-6032 eISSN 2394-6040
Structurally identified curcumin-Ag/ZnO nanocomposite having antibacterial effect: an investigation	Ramesh K Sharma et al	University Centre of Instrumentation and Micro-Electronics	Int Nano Lett	2021 - 2022	ISSN: 22285326, 20089295
What encourages the Indian family small and medium enterprises to internationalise?	Arpan Anand , Navdeep Kaur	University Business School	Int. J. Business and Globalisation	2021 - 2022	1753-3635
DFT study of electronic structure and mobility of pristine and fluorinated methyl- ammonium lead halide perovskites (CH3NH3PbX3, X = I, Br, Cl)	Md. T. Ilyas, K. Kaur, J. Sharma, G.S.S. Saini	Department of Physics	Int. J. Energy Res. 46 (2022) 6889–6900	2021 - 2022	0363-907X (print); 1099-114X (web)
A note on the parity of $\Gamma\pi = 5^-$ state in $^{126, 128}\text{Xe}$	Ashok kumar, S.Chakraborty, H.P.Sharma, S.S.Tiwary,	Department of Physics	Int.J.Mod.Phys. E30, 2150085 (2021)	2021 - 2022	0217-751X (print) 1793-656X (web)
A multifeceted enzyme conspicuous in fruit juice clarification: An elaborate review on xylanase	J Kaushal, M Khatri, G Singh, S K Arya	University Institute of Engineering & Technology	Internation journal of biological macromolecules	2021 - 2022	0141-8130
Biofuel cell nanodevices	A Sharma, G Singh, SK Arya	University Institute of Engineering & Technology	Internation Journal of Hydrogen Energy	2021 - 2022	0360-3199
Sentiment Analysis System using Hybrid Word Embeddings with Convolutional Recurrent Neural Network	Fahd Alotaibi and Vishal Gupta	University Institute of Engineering & Technology	International Arab Journal of Information Technology	2021 - 2022	1683-3198
Study on mass transfer using nanofluid drops in liquid-liquid extraction column	Aarsee Dhindsa, Amit Sobti, R.K. Wanchoo, Amrit Pal Toor	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Communications in Heat and Mass Transfer	2021 - 2022	0735-1933
Invigilation Using Computer Vision	Manit Malhotra and Indu chhabra	Department of Computer Science & Applications	International Conference on Integrated Intelligent Computing Communication & Security (ICIIC) Sep 2021	2021 - 2022	2589-4900
Multi-model Ensemble to Classify Acute Lymphoblastic Leukemia in Blood Smear Images	Sabrina Dhalla, Ajay Mittal, Savita Gupta, Harleen Singh	University Institute of Engineering & Technology	International Conference on Pattern Recognition	2021 - 2022	issn
Clinical Decision Support System for Knee Injuries Treatment Using Multi-Agent System	Dalal, N., Chhabra,I.	Department of Computer Science & Applications	International conference on Smart Innovation, Systems and Technologies	2021 - 2022	p 701–713
Morphological and molecular description of <i>Pallisentis roparensis</i> n. sp. (Acanthocephala: Quadrigyridae) infecting the freshwater cat fish <i>Wallago attu</i> from Ropar Wetland, Punjab, India	RANA K AND KAUR H	Department of Zoology	International Journal for Parasitology: Parasites and Wildlife	2021 - 2022	2213-2244

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Customer Value Co-Creation, Satisfaction and Repurchase Intention - A case of online travel booking Pp 58-64	Ankita, Sharma S.K	University Institute of Applied Management Sciences	International Journal for Research in Engineering Application & Management Vol 6 (11) (2021)	2021 - 2022	2454-9150
Empirical Validation of Impetus for Co-Creation in Travel Services Pp 40-47	Ankita,Sharma S.K	University Institute of Applied Management Sciences	International Journal for Research in Engineering Application & ManagementVol 6 (11) 2021)	2021 - 2022	2454-9150
Inverter Fed Technique To Control The Speed of Three Phase Induction Motor And Harmonic Reduction Using Passive Filter	Poonam Kumari, Kishan Kumar	University Centre of Instrumentation and Micro-Electronics	International Journal for Science and Advance Research In Technology	2021 - 2022	ISSN [ONLINE]: 2395-1052
Teacher's E-learning Readiness Scale (TELRS): Development and Validation	Dr Vandana Mehra and Sushil Chandra Badoni	Department of Education	International Journal o Creative Research Thoughts (IJCRT)	2021 - 2022	2320-2882
STRUCTURAL SOCIAL CAPITAL OF PARENTS HAVING PERSON WITH DISABILITY IN CHANDIGARH	Dr. Anuradha Sharma and Ms Parineeta Jindal	Department of Community Education & Disability Studies	International Journal of Advanced Research	2021 - 2022	2320-5407
CORPORATE SOCIAL RESPONSIBILITY PRACTICES AMONG BUSINESS ORGANISATIONS FOR CHILDREN WITH LEARNING DIFFICULTIES AND OTHER DISABILITIES	Dr. Anuradha Sharma and Tanvi Kashyap	Department of Community Education & Disability Studies	International Journal of Advanced Research (IJAR)	2021 - 2022	2320-5407
IMPACT OF CORONAVIRUS PANDEMIC ON HOSPITALITY INDUSTRY WITH SPECIAL REFERENCE TO INDIA	Dr. Anish Slath	University Institute of Hotel and Tourism Management	International Journal of Advanced Research (IJAR)	2021 - 2022	2320-5407
State Wise Agricultural Exports of India during Covid 19 with Special Reference to Punjab	Meenu	Department of Economics	International Journal of Advanced Research in Commerce, Management & Social Science (IJARCMSS), Vol. 04, No. 03(II)	2021 - 2022	2581-7930
Best Practices of Green Marketing Adopted by Hospitals in the Area of Punjab	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	International Journal of All Research Education & Scientific Methods, Vol 9, Issue 8, August 2021	2021 - 2022	2455-6211
Cognitive Social Capital of Parents having Persons with Disability: UT Chandigarh	Dr. Anuradha Sharma and Ms Parineeta Jindal	Department of Community Education & Disability Studies	International Journal of All Research Education and Scientific Methods (IJARESM)	2021 - 2022	2455-6211

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Effect of metacognitive instructional programme on achievement of primary school students with dyscalculia in number concept	Jyoti Balodi & Dr. Rekha Rani	Institute Of Educational Technology & Vocational Education	International Journal of Applied Research	2021 - 2022	2394-5869
Exploration of Ti6Al4V surface grinding under dry and MQL environments	Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Applied Science and Engineering	2021 - 2022	1727-7841
Evaluation of antibacterial activity of selected plant species from the State of Punjab, India	Prof. M.C. Sidhu	Department of Botany	International Journal of Ayurvedic Medicine, 13(2): 520-526	2021 - 2022	0976-5921
Architectural and functional details of CF IA proteins involved in yeast 3'-end pre-mRNA processing and its significance for eukaryotes: A concise review	Mandeep Kaur, Akanksha Sharma, Gurpal Singh, Santosh Kumar, Ravi Pratap Barnwal	Department of Biophysics	International Journal of Biological Macromolecules	2021 - 2022	0141-8130
Architectural and functional details of CF IA proteins involved in yeast 3'-end pre-mRNA processing and its significance for eukaryotes: A concise review.	Kaur M, Sharma A, Singh G, Kumar S, Barnwal RP	University Institute of Pharmaceutical Sciences	International Journal of Biological Macromolecules	2021 - 2022	0141-8130
COVID-19 Diagnosis: Current and Future Techniques	Aarjoo SharmaSanjeev BaldaMansi AprejaKirti KatariaNeena CapalashPrince Sharma	Department of Biotechnology	International Journal of Biological Macromolecules	2021 - 2022	0141-8130
Functionalization of nanocellulose to quaternized nanocellulose tri-iodide and its evaluation as an antimicrobial agent	Monica Bansal, Dharamender Kumar, Ghanshyam S. Chauhan, Anupama Kaushik, Gagandeep Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Biological Macromolecules	2021 - 2022	0141-8130
Immobilization of keratinase on chitosan grafted-β-cyclodextrin for the improvement of the enzyme properties and application of free keratinase in the textile industry	B Srivastava, H Singh, M Khatri, G Singh, SK Arya	University Institute of Engineering & Technology	International Journal of Biological Macromolecules	2021 - 2022	0141-8130
Immobilization of mannase on sodium alginate-grafted-β-cyclodextrin: An easy and cost effective approach for the improvement of enzyme properties	S Dhiman, B Srivastava, G Singh, M Khatri, SK Arya	University Institute of Engineering & Technology	International Journal of Biological Macromolecules	2021 - 2022	0141-8130
In pursuit of next-generation therapeutics: Antimicrobial peptides against superbugs, their sources, mechanism of action, nanotechnology-based delivery, and clinical applications	A Thakur, A Sharma, HK Alajangi, PK Jaiswal, Yb Lim, Gurpal Singh, Ravi Pratap Barnwal	Department of Biophysics	International Journal of Biological Macromolecules	2021 - 2022	0141-8130

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The eco- friendly approche of coktail enzyme in agricultural waste treatment. A comperihensive review	T Kuthiala, K Thakur, D Sharma, G Singh , M Khatri , S. K Arya	University Institute of Engineering & Technology	International journal of biological macromolecules	2021 - 2022	0141-8130
A game theory-based clustering and multi-hop routing scheme in wireless sensor networks for energy minimization	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Communication Systems	2021 - 2022	1099-1131
A study to find the awareness level regarding prevention and control of sexually transmitted diseases among university students of Panjab university, Chandigarh, India	Dr. Savita Prashar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal Of Community Medicine And Public Health	2021 - 2022	2394-6032
Stationary system-length distribution of Markovian bulk service queue with modified bulk service rule and dynamic service rates	Gagandeep Singh	Department of Mathematics	INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS: COMPUTER SYSTEMS THEORY	2021 - 2022	2379-9935
A Study On Traditional Foods And Beverages Of Himachal Pradesh	Dr. Anish Slath	University Institute of Hotel and Tourism Management	International Journal of Creative Research Thoughts	2021 - 2022	2320-2882
Emotional Competence among Prospective Teachers in Relation to their Spiritual Intelligence	Dr. Anuradha Sharma, Surbhi and Bikram	Department of Community Education & Disability Studies	International Journal of Creative Research Thoughts (IJCRT)	2021 - 2022	ISSN: 2320-2882
A Randomized Clinical Trial Comparing 0.75% Ropivacaine and 2% Lidocaine with 1:200,000 Adrenaline in Minor Oral Surgery	Harsimran Kaur, Vishwajeet Singh Jamwal	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Current Advanced Research	2021 - 2022	O:2319-6475. P:2319-6505
Deep Learning-Based Named Entity Recognition System Using Hybrid Embedding	Archana Goyal, Vishal Gupta and Manish Kumar	P.U. Regional Centre, Muktsar	International Journal of Cybernetics and Systems	2021 - 2022	0196-9722
Digital versus conventional implant impressions-Finding the evidence	Sharique Rehan, Virender, Sunint Singh	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Dental Science and Innovative Research	2021 - 2022	2581-5989
LEGAL RESPONSIBILITY MNC's UNDER TRANSNATIONAL CRIMINAL JURISPRUDENCE	GURPAL SINGH	P.U. Regional Centre, Muktsar	International Journal of Early Childhood Special Education	2021 - 2022	1308-5581
Active morphogenic faulting and paleostress analyses from the central Nahan Salient, NW Siwalik Himalaya	Ajay Kumar1 · Mohamedharoon A. Shaikh2 · Sarabjeet Singh1,3 · Tejpal Singh3 · Soumyajit Mukherjee	Department of Geology	International Journal of Earth Sciences	2021 - 2022	1437-3254
The value of ecosystem services by the trees in the cities of India: A synthesis	Dr. A.N. Singh	Department of Botany	International Journal of Ecology and Development	2021 - 2022	2326-7204
Design and Performance analysis of wearable antenna for ISM band applications	Harvinder Kaur	University Institute of Engineering & Technology	International journal of electronics	2021 - 2022	13623060

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Determinants of foreign direct investment: employment status and potential of food processing industry in India	S.P.Padhi	Department of Economics	International Journal of Emerging Markets, EarlyCite (online, July 14, 2022) Vol. ahead-of-print No. ahead-of-print	2021 - 2022	ISSN: 1746-8809 eISSN: 1746-8817
Emergence of Nanotechnology as A New Delivering System.	Nisha Negi, Shashi Kanta, Sakshi Negi and Seema Kumari	Department of Microbiology	International Journal of Engineering Applied Sciences and Technology.	2021 - 2022	2455-2143,
Multi-parametric analysis of groundwater quality to assess human health risk and hydrogeochemical processes in an agriculturally intensive alluvial aquifer of Northwest India	Madhuri Rishi	Department of Environment Studies	International Journal of Environmental Analytical Chemistry	2021 - 2022	1029-0397
Heavy metal pollution assessment of groundwater and associated health risks around coal thermal power plant, Punjab, India	Suman Mor	Department of Environment Studies	International Journal of Environmental Science and Technology	2021 - 2022	1735-2630
Synthesis and characterization of graphene oxide-bovine serum albumin conjugate membrane for adsorptive removal of Cobalt (II) from water.	Shubhi Joshi, Harman Singh, Sheetal Sharma, Panchali Barman, Avneet Saini & Gaurav Verma	Department of Biophysics	International Journal of Environmental Science and Technology	2021 - 2022	1735-2630
Multiple dimensions of e-healthcare ethics and its relationship to the ethical concerns of the consumer,	Verma, P., Kumar, S. and Sharma, S.K.	University Institute of Applied Management Sciences	International Journal of Ethics and Systems	2021 - 2022	2514-9369
Real Time Fuzzy based Intelligent Parking Detection System Using Deep Learning Techniques	Dr. Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Fuzzy Systems	2021 - 2022	1562-2479
Awareness about Thalassemia and Its Management among the Caregivers of the Thalassemia Patients of Punjab and Chandigarh, India	Rajnish Kumar Singh, Nutan Kumari Jha, InushaPanigrahi, Anil Kishore Sinha	Department of Anthropology	International Journal of Health Sciences	2021 - 2022	2550-6978 (print), 2550-696X (online)
Impact of post-COVID-19 on the hospitality tourism: Impact evaluation, Survive, Revive and Thrive	Prashant K. Gautam,NIDHI GAUTAM	University Institute of Hotel and Tourism Management	International Journal of Health Sciences	2021 - 2022	7152–7172
Effect of non-surgical periodontal therapy on the serum and cervical fluid Interleukin 10 levels in chronic periodontitis - A systematic review and meta-analysis	Maheshwari, S., Grover, V., Gupta, J., Kumar, Narinder and Jain, A.	Department of Statistics	International Journal of Health Sciences, Vol. 15 (6), 34-46	2021 - 2022	1658-3639
A Comparative Study of Body Image and Eating Disorder between Hosteller and Non-Hosteller Female Students of Chandigarh	Prof. Th. Nandalal Singh	Department of Physical Education	International Journal of Health, Physical Education & Computer Science in Sports	2021 - 2022	ISSN Number: 2231-3265

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A Study of Wall Decorations and Development of Paintings for Hotel Industry	Anu H. Gupta	University Institute of Fashion Technology & Vocational Development	International Journal of Home Science	2021 - 2022	2395-7476
Pollen allergy: Developing multi-sectorial strategies for its prevention and control in lower and middle-income countries	Suman Mor	Department of Environment Studies	International Journal of Hygiene and Environmental Health	2021 - 2022	1438-4639
Infrared and Visible Image Fusion Based on Sparse Representation and Spatial Frequency in DTCWT Domain	Budhiraja S., Rummy I., Agrawal S., Sohi B.S.	University Institute of Engineering & Technology	International Journal of Image and Graphics	2021 - 2022	0219-4678
Offline handwritten Gurmukhi character recognition: k-NN vs. SVM classifier	Anupam Garg, M. K. Jindal and A. Singh	P.U. Regional Centre, Muktsar	International Journal of Information Technology	2021 - 2022	2511-2112,
Psychological Well-being among Universities Students in relation to Program Commitments	Ms. Kiranpreet Kaur & Prof. Kirandeep Singh	Department of Education	International Journal of Innovation & Research Analysis	2021 - 2022	25830295
MGNREGA: A work oriented social scheme of India.	DR.MONIKA NEGI	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Law Management & Humanities	2021 - 2022	2581-5369
A study of the de-notified, semi-nomadic and nomadic tribes of India	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Law, Policy and Social Review.	2021 - 2022	ISSN: 0975-4520
Computed tomographic evaluation of the acetabulum for age estimation in an Indian population using principal component analysis and regression models	Warrier V, Shedge R, Garg PK, Dixit SG, Krishan K, Kanchan T	Department of Anthropology	International Journal of Legal Medicine	2021 - 2022	09379827, 14371596
CT-based evaluation of the acetabulum for age estimation in an Indian population	Warrier V, Kanchan T, Garg PK, Dixit SG, Shedge R, Krishan K	Department of Anthropology	International Journal of Legal Medicine	2021 - 2022	09379827, 14371596
Impact of COVID – 19 on mental health of institutionalized children: A social work perspective	Arpna Rattu and Professor (Dr.) Monica Munjial Singh	Centre for Social Work	International Journal of Literacy and Education	2021 - 2022	2789-1615
The challenges of an institutional life: Listening the unheard voices	Yogesh and Dr. Rakesh Thakur	Centre for Social Work	International Journal of Literacy and Education	2021 - 2022	2789-1615
Supply chain performance in the era of digitisation: the role of electronic supply chain management. PP: 503 – 536	Rana Kritika, Sharma S.K.	University Institute of Applied Management Sciences	International Journal of Logistics Systems and Management(2022)Vol. 41 (4),	2021 - 2022	1742-7967 E ISSN: 742-7975
Effect of effective patient communication and customer orientation on service quality leading to patient satisfaction: a study of multi-specialty hospitals of North India	Ajay Kumar Dogra	University Institute of Applied Management Sciences	International journal of management practice	2021 - 2022	1741-8143
Ritual Sanctity in Bon Buddhist Religious Practices of Tibet as Visualized in the Lower Shivaliks: A case of Menri Monastery in Solan, Himachal Pradesh	Mansi Singh and Anil Kishore Sinha	Department of Anthropology	International Journal of Management Studies and Social Science Research	2021 - 2022	2582-0265

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Determining the Efficacy of eServperf for Monitoring Quality of Governments’ E – Services: With Special Reference to Government’s Contact Centers pp 482-89	Aman Dheer, Upasna Sethi, Sharma S.K.	University Institute of Applied Management Sciences	International Journal of Management(IJM)Vol 12 (3)(2021)	2021 - 2022	0976-6502
A review on Policy Gaps of Agriculture Research and Development (R&D) in India and their effect on Agricultural Stakeholders	Ridhi R and Nirmala C.	Department of Botany	International Journal of Management, Technology, and Social Sciences (IJMTS)	2021 - 2022	ISSN: 2581-6012
Study to Determine the Applicability of SERVPERF to Measure the Quality of Governments' e - Services for Customer Satisfaction	Ms. Aman Dheer, Dr. Upasana Joshi Sethi, Dr. Sanjeev Kumar Sharma	University Institute of Applied Management Sciences	International Journal of Mechanical Engineering	2021 - 2022	0974-5823
Study to Determine the Applicability of SERVPERF to Measure the Qualityof Governments’ e - Services for Customer Satisfaction	Aman Dheer Upasana Joshi Sethi, Sharma S.K	University Institute of Applied Management Sciences	International Journal of Mechanical Engineering(2022) Vol. 7 (5)	2021 - 2022	0974-5823
Implications of precision measurements and unitarity on CKM paradigm	Nikhila Awasthi, Aseem Vashisht , Aakriti Bagai, Gulsheen Ahuja, Manmohan Gupta	Department of Physics	International Journal of Modern Physics A	2021 - 2022	0217-751X
Probing quark mass matrices in the flavor basis	Aseem Vashisht, Kanwaljeet S. Channey, Aakriti Bagai, Nikhila Awasthi, Gulsheen Ahuja, M. Gupta	Department of Physics	International Journal of Modern Physics A	2021 - 2022	0217-751X
Possible AMR in 99Pd	S. Sihotra	Department of Physics	International Journal of Modern Physics E	2021 - 2022	2250020
Biochemical Basis of Xylooligosaccharide Utilisation by Gut Bacteria	Prof. Sukesh Chander Sharma	Department of Biochemistry	International Journal of Molecular Sciences	2021 - 2022	ISSN 16616596
Breeding and Genomics Interventions for Developing Ascochyta Blight Resistant Grain Legumes	Prof. Harsh Nayyar	Department of Botany	International journal of molecular sciences	2021 - 2022	ISSN : 14220068
Ensuring Global Food Security by Improving Protein Content in Major Grain Legumes Using Breeding and ‘Omics’ Tools	Prof. Harsh Nayyar	Department of Botany	International journal of molecular sciences	2021 - 2022	ISSN : 14220067
Heat priming of lentil (Lens culinaris Medik.) seeds and foliar treatment with γ -aminobutyric acid (GABA), confers protection toreproductive function and yield traits under high-temperature stress environments.	Prof. Harsh Nayyar	Department of Botany	International Journal of Molecular Sciences	2021 - 2022	ISSN: 1422-0067

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Inclusiveness in the classroom through Art-integrated learning	Dr. Anuradha Sharma and Surbhi	Department of Community Education & Disability Studies	International Journal of Multidisciplinary Research and Development	2021 - 2022	2349-4182
Analysis of Aerobic Endurance among Male Boxing, Judo and Wrestling Players	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Novel Research and Development (IJNRD)	2021 - 2022	ISSN: 2456-4184
A new heuristic for flow shop scheduling problems minimizing system utilization time subject to minimum makespan	Manisha Sharma	Department of Mathematics	International Journal of Operational Research	2021 - 2022	17457653 , 17457645
Dielectric Properties of ZnO-Based Nanocomposites and Their Potential Applications	Daljeet Kaur	University Institute of Engineering & Technology	International Journal of Optics	2021 - 2022	1687-9392
Combined delivery of TLR2 and TLR7 agonists by Nanostructured lipid carriers induces potent vaccine adjuvant activity in mice	Kaur A., Kanwar R., Kaushik D., Sakala I.G., Honda-okubo Y., Petrovsky N., Salunke D.B., Mehta S.K.	Department of Chemistry	International Journal of Pharmaceutics	2021 - 2022	0378-5173
QbD-steered development of mixed nanomicelles of galantamine: Demonstration of enhanced brain uptake, prolonged systemic retention and improved biopharmaceutical attributes.	Shikha Lohan, Teenu Sharma, Sumant Saini, Rajan Swami, Dinesh Dhull, Sarwar Beg, Anil Kumar	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutics	2021 - 2022	0378-5173
Comparison of Expectation and perception of education service quality among perceptive physical educationists: A comparative study	Prof. Gurmeet Singh	Department of Physical Education	International Journal of Physical Education Health & Sports Sciences	2021 - 2022	2279-0306
Analysis of Speed and Agility of Football and Hockey Players	Prof. Th. Nandalal Singh	Department of Physical Education	International Journal of Physical Education, Sports and Health	2021 - 2022	ISSN Number: 2394-1693
Assessment of Life Style and Physical Activity Index among College Students of Chandigarh	Prof. Th. Nandalal Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2021 - 2022	ISSN Number: 2456-0057
Comparative Study of Selected Physical Variables among Male Cricketers of Chandigarh	Prof. Th. Nandalal Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2021 - 2022	ISSN Number: 2456-0057
Phytoremediation of radioactive elements, possibilities and challenges: special focus on agricultural aspects	G Singh, S Bhadange, F Bhawna, P Shewale, R Dahiya, A Aggarwal, F Manju, SK Arya	University Institute of Engineering & Technology	International Journal of Phytoremediation	2021 - 2022	1522-6514
Integrated stochastic bicriteria flow shop scheduling problem with preventive maintenance	Manisha Sharma	Department of Mathematics	International Journal of Process Man	2021 - 2022	14606738

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Resource allocation for implementing strategic quality management strategies in pharmaceutical industry in India: a case study	Dr.Harjit Kaur, Prof. Sanjay Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Productivity and Quality Management	2021 - 2022	ISSN: 1746-6474 eISSN: 1746-6482
Resource allocation for implementing strategic quality management strategies in select pharmaceutical companies in India: A case study	Prof. Sanjay Kaushik & Harjit Kaur	University Business School	International journal of productivity and quality management	2021 - 2022	1746-6482
Exploring solvatomorph of lenalidomide: A comprehensive analysis.	Divya Pandit, Renu Chadha, Maninder Karan, and Paloth Venugopalan	University Institute of Pharmaceutical Sciences	International Journal of Recent Scientific Research	2021 - 2022	0976-3031
A Factor Analytic Study of the Determinants of bank Employees Behaviour towards CRM Practices in Haryana	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	International Journal of Science Technology and Management, Vol. 10, Issue 06, June 2021	2021 - 2022	2394-1537
Role of Science, Technology and Innovation Role of Science, Technology and Innovation Policy in Transforming National STI Ecosystem: Indian STIP Study	Trikha R	Centre for Policy Research	International Journal of Scientific & Engineering Research	2021 - 2022	2229-5518
Flow-based profile generation and network traffic detection for DNS anomalies using optimised entropy-based features selection and modified Holt Winter's method	Rohini Sharma	Department of Computer Science & Applications	International Journal of Security and Networks	2021 - 2022	1747-8405
Interactive Effects of Zinc-Arbuscular Mycorrhizal (AM) Fungi on Cadmium Uptake, Rubisco, Osmolyte Synthesis and Yield in <i>Cajanus cajan</i> (L.) Millsp	Kaur, H., & Garg, N.	Department of Botany	International Journal of Sustainable Agricultural Research, 8(1), 17-42	2021 - 2022	2312-6477
Hybrid Electric Vehicle Charging by Solar Panel using of Supercapacitors	Poonam Kumari, Satyaveer Singh	University Centre of Instrumentation and Micro-Electronics	International Journal of Trend in Scientific Research and Development - IJTSRD	2021 - 2022	ISSN 2456-6470
Optimization of FLC Using PSO – FF Hybrid Algorithm Using DSTATCOM for Power Quality Improvement	Poonam Kumari, Kamal Kumar	University Centre of Instrumentation and Micro-Electronics	International Journal of Trend in Scientific Research and Development (IJTSRD)	2021 - 2022	e-ISSN: 2456 – 6470
THD Minimization and Fault Analysis of Modular Multilevel Converters	Poonam Kumari , Amit K Paswan	University Centre of Instrumentation and Micro-Electronics	International Journal of Trend in Scientific Research and Development (IJTSRD)	2021 - 2022	E ISSN 2456-6470
Isolation and Identification of Various Candida Species in Potentially Malignant Disorders of Oral Cavity: A Retrospective Study	Shally Gupta,Manjula Mehta, Anubha Gulati	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of TROPICAL DISEASE & Health	2021 - 2022	ISSN: 2278–1005

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Prevalence of Intestinal Parasitic Infection in Relation to Age in the Urban Population from Chandigarh, India.	Manjula Mehta,Sonia B Bhardwaj, Jyoti Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of tropical disease & health	2021 - 2022	ISSN: 2278–1005
Comparison of Health and Wellness Status between Sportsperson and Non-Sportsperson	Prof. Th. Nandalal Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2021 - 2022	ISSN Number: 2456-4419
A Feature Pyramid based Multi-Stage Framework for Object Detection in Low-Altitude UAV Images,,	Payal Mittal, Akashdeep Sharma, Raman Singh	University Institute of Engineering & Technology	International Journal on Artificial Intelligence Tools	2021 - 2022	issn
Supervised Bernoulli Text Topic Identification Model using Naïve Bayes	Suresh Kumar Sharma, Kanchan Jain and Gurpreet Singh Bawa	Department of Statistics	International Journal on Emerging Technologies	2021 - 2022	(Print) : 0975-8364, (Online): 2249-3255
Design and heat transfer performance analysis of mini-channel heat sink with water, EG and EG20 based nanofluids-computational approach	Dr.Parveen Goyal	University Institute of Engineering & Technology	International Journal on Interactive Design and Manufacturing (IJIDeM)	2021 - 2022	1955-2513 / 1955-2505
Effect of interlock angle and bottom die flange diameter on clinching joint load bearing capacity in cross-tensile loading	Dr. Shankar Sehgal	University Institute of Engineering & Technology	International Journal on Interactive Design and Manufacturing (IJIDeM)	2021 - 2022	1955-2513 / 1955-2505
Experimental investigation and optimization of powder metallurgy processing parameters of Si3N4/HfC/MoS2 reinforced with Al 7075	Dr. Shankar Sehgal	University Institute of Engineering & Technology	International Journal on Interactive Design and Manufacturing (IJIDeM)	2021 - 2022	1955-2513 / 1955-2505
Optimisation of cutting parameters during turning of 16MnCr5 steel using Taguchi technique	Dr. Shankar Sehgal	University Institute of Engineering & Technology	International Journal on Interactive Design and Manufacturing (IJIDeM)	2021 - 2022	1955-2513 / 1955-2505
Optimization of mechanical properties of high strength dual phase steel through thermo-mechanical simulation	Dr. Parveen Goyal	University Institute of Engineering & Technology	International Journal on Interactive Design and Manufacturing (IJIDeM)	2021 - 2022	1955-2513 / 1955-2505
LOW COST IOT BASED MINI INVERTER	Poonam Kumari, Karanveer Singh	University Centre of Instrumentation and Micro-Electronics	International Research Journal Of Modernization In Engineering Technology And Science	2021 - 2022	ISSN:2582-5208
FEA simulations of Lower Limb Prosthetics	Jashan Jyot Singh, Jaswinder Singh Mehta, Rajesh Kumar and Gaurav Sapra	University Institute of Engineering & Technology	IOP Conference Series: Materials Science and Engineering	2021 - 2022	1757-8981
Techno-Economic Analysis of Increasing PV-Wind based DG Penetration in Sub-Transmission System	S. Mahajan, Y.P. Verma	University Institute of Engineering & Technology	iop Conference Series: Materials Science and Engineering, 1033(1)	2021 - 2022	1033

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Simulation and modelling of triboelectric nano generator for self-powered electronic devices	Jashan kumar Mainra,Akshpreet Kaur, Gaurav Sapra, Parul gaur	University Institute of Engineering & Technology	IOP Science	2021 - 2022	225(1):012012 DOI:10.1088/1757-899X/1225/1/012012
Wearable human motion monitoring using vertical contact separation mode triboelectric nano generator	Akshpreet Kaur, Ankur Gupta, Cuifeng Ying, Mohsin Rehmani, Gaurav Sapra	University Institute of Engineering & Technology	IOP Science	2021 - 2022	1757-899X
Adoption of open access in social science journals: an analytical study of DOAJ	1.Chakravarty, R., Sinhababu, A., Heenam, Sharma, J.	Department of Library & Information Science	IP Indian Journal of Library Science and Information Technology	2021 - 2022	2456-9623
Time Scale Analysis for Prediction of Nusselt Number of Nanofluids Flowing Through Straight Tubes: An Experimental Study	Parminder Singh, Puja Sharma, Ritu Gupta, Ravinder Kumar Wanchoo	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Iran. J. Chem. Chem. Eng.	2021 - 2022	1021-9986
Library as a research support system for AHSS doctoral students: Impact of marital status and gender on researchers	Fazal, F.A., & Chakravarty, R.	Department of Library & Information Science	Italian Journal of Library, Archives and Information Science	2021 - 2022	20381026
Functionally graded membrane: A novel approach in the treatment of gingival recession defects.	Dr. Jyoti Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	J Indian Soc Periodontol 2021;25:411-7	2021 - 2022	0972-124X
Unraveling the phonon scattering mechanism in exfoliated MoSe2 nanosheets using temperaturedependent Raman spectroscopy	Sunil K Arora	Centre for Nanoscience and Nanotechnology	J Mater Sci: Mater Electron	2021 - 2022	0957-4522
Photoinduced dynamic tailoring of near-field coupled terahertz metasurfaces and its effect on Coulomb parameters	Ranjan Kumar and Dibakar Roy Chowdhury Deepak Kumar, Manoj Gupta, Yogesh Kumar Srivastava, Koijam Mo	Department of Physics	J of Optics	2021 - 2022	2040-8986
Pyrazolyl-Imidazole clubbed 1,2,3-triazoles: Synthesis, structure explication and antimicrobial evaluation	Suman Punia,Vikas Verma,Devinder Kumar,Ashwani Kumar,Laxmi Deswal,Gurjaspreet Singh,Subhash C. Sahoo	Department of Chemistry	J. Mol. Str. 2022 1262 133060	2021 - 2022	0022-2860
Temperature controlled synthesis and transformation of dinuclear to hexanuclear zinc complexes of a benzothiazole based ligand: Coordination induced fluorescence enhancement and quenching	Raman Kumar, Navjot Kaur, Randeep Kaur, Navneet Kaur, Subash C Sahoo, and Prasant K Nanda	Department of Chemistry	J. Mol. Str. 2022, 1265, 5, 133300	2021 - 2022	0022-2860

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Design, synthesis, biological evaluations and in silico studies of sulfonate ester derivatives of 2-(2-benzylidenehydrazono)thiazolidin-4-one as potential α -glucosidase inhibitors.	R. Kaur, R. Kumar, N. Dogra; A. K. Yadav	University Institute of Pharmaceutical Sciences	J. Mol. Struct.	2021 - 2022	
Investigation of Tools Wear Rate during EDM for the Aluminium Metal Matrix Composite (5-10% TiB2)	Dr Harminder Singh Bains	P.U. S.S. Giri Regional Centre, Hoshiarpur	JESE : A Prospect as Bio Medical Material	2021 - 2022	ISSN 1847-9268
Citizenship (Amendment) Act, 2019 And Secularism: Repurcussions And Logic.	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	JETIR. FEB 2022, Volume 9, Issue 2,	2021 - 2022	ISSN: 0975-4520
Chamera Dam of Himachal Pradesh: Its Socio-Economic Impacts on Oustees	Dr. Rajneesh	P.U. Rural Centre, Kauni, Muktsar	Jharkhand Journal of Development and ManagementStudies	2021 - 2022	0973-8444
Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP	2021 - 2022	
Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP	2021 - 2022	
Measurement of prompt open-charm production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Measurement of the inclusive $\sigma(\overline{t}t)$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Measurement of the inclusive and differential $\sigma(\overline{t}t)\gamma$ cross sections in the dilepton channel and effective field theory interpretation in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Measurement of the top quark mass using events with a single reconstructed top quark in pp collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	10298479
Observation of tW production in the single-lepton channel in pp collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	

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Probing effective field theory operators in the associated production of top quarks with a Z boson in multilepton final states at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Search for a heavy Higgs boson decaying into two lighter Higgs bosons in the $t\bar{t}$ final state at 13 TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	001126-6708
Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP	2021 - 2022	
Search for charged-lepton flavor violation in top quark production and decay in pp collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Search for chargino-neutralino production in events with Higgs and W bosons using 137 fb ⁻¹ of proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP	2021 - 2022	
Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP	2021 - 2022	
Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	

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Search for new particles in events with energetic jets and large missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Search for new physics in the lepton plus missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	10298479
Search for resonant production of strongly coupled dark matter in proton-proton collisions at 13 TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
Search for single production of a vector-like T quark decaying to a top quark and a Z boson in the final state with jets and missing transverse momentum at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	
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Study of quark and gluon jet substructure in Z+jet and dijet events from pp collisions	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP	2021 - 2022	1126-6708
Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV	Dr. lokesh kumar et al	Department of Physics	JHEP 01 (2022) 106	2021 - 2022	10.1007
Prompt D0, D+, and D*+ production in Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Dr. lokesh kumar et al	Department of Physics	JHEP 01 (2022) 174	2021 - 2022	10.1007
Measurement of double-parton scattering in inclusive production of four jets with low transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP 01 (2022) 177	2021 - 2022	
Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Dr. lokesh kumar et al	Department of Physics	JHEP 01 (2022) 178	2021 - 2022	
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First measurement of large area jet transverse momentum spectra in heavy-ion collisions	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP 05 (2021) 284	2021 - 2022	
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Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP 07 (2021) 027	2021 - 2022	10298479
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Study of Z boson plus jets events using variables sensitive to double-parton scattering in pp collisions at 13 TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP 10 (2021) 176	2021 - 2022	
Search for a heavy resonance decaying to a top quark and a W boson at $\sqrt{s} = 13$ TeV in the fully hadronic final state	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP 12 (2021) 106	2021 - 2022	
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Measurement of the inclusive and differential WZ production cross sections, polarization angles, and triple gauge couplings in pp collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	JHEP07(2022)032	2021 - 2022	
General health Status and Tridosha analysis of urban high-risk Diabetes after 3- month Diabetes Yoga Protocol: a pilot study	Prof. Gurmeet Singh	Department of Physical Education	JIMCR	2021 - 2022	2582-6255
Investigating the mitigating role of mind body intervention on glycemic control in prediabetes: A case report	Prof. Gurmeet Singh	Department of Physical Education	JIMCR	2021 - 2022	2582-6255

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Benchmarking LHC background particle simulation with the CMS triple-GEM detector	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JINST	2021 - 2022	17480221
Identification of hadronic tau lepton decays using a deep neural network	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JINST	2021 - 2022	
Effect of nano-crystalline silver membrane on early wound healing after periodontal surgery: A comparative randomized study.	Shaveta Sood, Sonia B Bhardwaj, Savita Prashar, Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	JISP 2021;25:504-509	2021 - 2022	09751580, 0972124X
Microbial keratinases: an overview of biochemical characterization and its eco-friendly approach for industrial applications	B Srivastava, M Khatri, G Singh, SK Arya	University Institute of Engineering & Technology	Journal of Cleaner Production	2021 - 2022	0959-6526
Heritage Stone Subcommittee: An IUGS Subcommittee of the International Commission on Geoheritage	Gurmeet Kaur	Department of Geology	Jour. Geol. Soc. India	2021 - 2022	167622
Impact of COVID-19 on long run and short run financial integration among emerging Asian stock markets	Nishi Sharma (with Mr. Nikhil Bhardwaj and Dr Anupreet Kaur Mavi)	University Institute of Applied Management Sciences	Journal Business, Management and Economics Engineering	2021 - 2022	na
Contribution of Lala Lajpat Rai in Freedom Struggle	Sonu (Research Scholar)	Department of History	Journal NX	2021 - 2022	2581-4239
Contribution of Lala Lajpat Rai in Indian Freedom Struggle	Sonu (Research Scholar)	Department of History	Journal NX	2021 - 2022	2581-4230
Identification of Pseudo-R genes in Vitis vinifera and characterization of their role as immunomodulators in host-pathogen interactions.	Naina Garewal, Shivalika Pathania, Garima Bhatia, Kashmir Singh	Department of Biotechnology	Journal of Advanced Research	2021 - 2022	2090-1232
BIOTECHNOLOGICAL APPLICATIONS OF EXOPOLYSACCHARIDE PRODUCED BY THE WOOD ROT FUNGI	Ekta Choudhary, Deepak Kumar Rahi	Department of Microbiology	Journal of advanced Scientific Research	2021 - 2022	0976-9595
LIGNINOLYTIC PEROXIDASES: SOURCES AND APPLICATIONS.	Deepak Kumar Rahi, Aruna Singh Parmar	Department of Microbiology	Journal of Advanced Scientific Research	2021 - 2022	0976-9595
PHYTOMODULATORY EFFECTS OF MURRAYA KOENIGII IN DMBA/TPA INDUCED ANGIOGENESIS, HEPATOTOXICITY AND RENAL TOXICITY DURING SKIN CARCINOGENESIS IN MICE.	Aniqa, A., Kaur, S., Negi, A., Sadwal, S., & Bharati, S.	Department of Biophysics	Journal of Advanced Scientific Research	2021 - 2022	0976-9595
Production and exploration of antibacterial potential of Biosurfactant from environmental bacterial isolate	Shashi Kanta, Parminder Kaur and Seema Kumari	Department of Microbiology	Journal of Advanced Scientific Research	2021 - 2022	0976-9595
Discriminant and Integral basis of quintic fields defined by $x^5 + ax + b$	S. K. Khanduja	Department of Mathematics	Journal of Algebra and its applications	2021 - 2022	ISSN:0219-4988

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Electrical, linear and non-linear optical properties of MoSe2/PVA nanocomposites as charge trapping elements for memory device applications	Ravneet Kaur, KP Singh and S.K. Tripathi	Department of Physics	Journal of Alloys and Componds	2021 - 2022	0925-8388
Highly-sensitive and selective non-enzymatic L-cysteine sensor based on 3-mercaptopropyl trimethoxysilane functionalized Gd2O3 nanoparticles	Sushil Kumar, Ganga Ram Chaudhary, Savita Chaudhary, Ahmad Umar	Department of Chemistry	Journal of Alloys and Compounds	2021 - 2022	0925-8388
Polyaniline enwrapped CoFe2O4/g-CN ternary nanocomposite for adsorption driven photocatalytic degradation of explicitly diverse organic pollutants	S Singh, P Kaur, D Aggarwala, V Kumar, K Tikoo. S Bansal, S Singhal	Department of Chemistry	Journal of Alloys and Compounds	2021 - 2022	0925-8388
Structural and electronic properties of double perovskite ruthenates; A2GdRuO6 (where A= Ba, Sr)	Sahil Dani, A Arya, Hitesh Sharma, Rakesh Kumar, Navdeep Goyal, Ravi Kumar, Rabia Pandit	Department of Physics	Journal of Alloys and Compounds	2021 - 2022	0925-8388
Performance evaluation of different features and classifiers for Gurumukhi newspaper text recognition,	Rupinder Pal Kaur, Munish Kumar and M. K. Jindal,	P.U. Regional Centre, Muktsar	Journal of Ambient Intelligence and Humanized Computing	2021 - 2022	1868-5145,
Transfer learning for image classification using VGG19: Caltech-101 image data set	Monika Bansal, Munish Kumar, Monika Sachdeva, Ajay Mittal	University Institute of Engineering & Technology	Journal of Ambient Intelligence and Humanized Computing	2021 - 2022	issn
A Hybrid Tiny YOLO v4 SPP Module based Improved Face Mask Detection Vision System,	Akhil Kumar, Arvind Kalia, Akashdeep Sharma, Manisha Kaushal	University Institute of Engineering & Technology	Journal of Ambient Intelligence and Humanized Computing, Springer.	2021 - 2022	issn
Selective Response Studies of Graphene Materials with Forensic Relevant Drugs Through Fluorescence Spectroscopy	Shweta Sharma	Institute of Forensic Science & Criminology	Journal of Analytical Chemistry	2021 - 2022	1061-9348
Biodegradation and detoxification of low-density polyethylene by an indigenous strain Bacillus licheniformisSARR1	Poonam Kumari et al	University Centre of Instrumentation and Micro-Electronics	Journal of Applied Biology & Biotechnology	2021 - 2022	ISSN 2347-212X
Dendritic prioritization through spatial stream network modeling informs targeted management of Himalayan riverscapes under brown trout invasion	Aashna Sharma, Vineet K. Dubey, Jeyaraj A. Johnson, Yogesh K. Rawal, Kuppusamy Sivakumar.	Department of Zoology	Journal of Applied Ecology	2021 - 2022	1365-2664

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Invasive brown trout <i>Salmo trutta</i> induce differential growth strategies in the native snow trout <i>Schizothorax richardsonii</i> of Himalaya: Are natives in unaltered rivers better at picking the gauntlet of invasion?	Mohinder Singh Johal, Aashna Sharma, Vineet Kumar Dubey, Jeyaraj Antony Johnson, Yogesh Kumar Rawal,	Department of Zoology	Journal of Applied Ichthyology	2021 - 2022	0175-8659 (print) 1439-0426 (web)
Heavy metal-induced selection and proliferation of antibiotic resistance: A review	Prakriti Vats,Ujjwal Jit Kaur,Praveen Rishi	Department of Microbiology	Journal of Applied Microbiology	2021 - 2022	1365-2672
Influence of swift heavy ion irradiations on temperature dependent phononic behavior of epitaxial LaNiO ₃ thin film	Sunil K Aroroa	Centre for Nanoscience and Nanotechnology	Journal of Applied Physics	2021 - 2022	0021-8979
Population and vulnerability assessment of high value medicinal plants in the alpine regions of western himalaya	Sharma,R., Kaur,S., Uniyal,S.K.,	Department of Botany	Journal of Applied Research on Medicinal and Aromatic Plants 26,100353	2021 - 2022	
<i>Angelica glauca</i> Edgew. – A comprehensive review	Dr. A.N. Singh	Department of Botany	Journal of Applied Research on Medicinal and Aromatic Plants Q	2021 - 2022	2214-7861
Development and validation of a sensitive spectrofluorimetric method for determination of ibrutinib.	Bidisha Mondal, Alka Bali	University Institute of Pharmaceutical Sciences	Journal of Applied Spectroscopy, 2022, 89(2), 364–370.	2021 - 2022	Electronic ISSN 1573-8647 Print ISSN 0021-9037
Derivative spectroscopic methods for determination of gefitinib in bulk and in formulation.	Smruti Ranjan Patra, Alka Bali, Madhurima Saha	University Institute of Pharmaceutical Sciences	Journal of Applied Spectroscopy, 87 (5) November 2021, 1088-1094	2021 - 2022	Electronic ISSN 1573-8647 Print ISSN 0021-9037
Spectrofluorimetric method for determination of azelastine hydrochloride in bulk and in nasal formulation	Sudhanshu Shekhar, Alka Bali	University Institute of Pharmaceutical Sciences	Journal of Applied Spectroscopy, 88(3), July, 2021, 674-680	2021 - 2022	Electronic ISSN 1573-8647 Print ISSN 0021-9037
First Record of Insectivore from the late Oligocene, Kargil Formation (Ladakh Molasse Group), Ladakh Himalayas	W.A. Wazir, F. Cailleux, R.K. Sehgal, R. Patnaik, N. Kumar, L.W. van den Hoek Ostende	Department of Geology	Journal of Asian Earth Sciences: X	2021 - 2022	25900560
Understanding In-Silico Approaches to Design Synthetic Antifungal Peptides to Combat Fungal Infections like Mucormycosis	Bajwa T and Sharrna R	Department of Microbial Biotechnology	Journal of Bacteriology and Mycology	2021 - 2022	24710172

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Protective role of AKBA against benzo(a)pyrene-induced lung carcinogenesis by modulating biotransformation enzymes and oxidative stress,	Bharadwaj P, Dhatwalia. S. K., Manoj k, Dhawan D.K.	Department of Biophysics	Journal of Biochemical and Molecular Toxicology	2021 - 2022	1099-0461
Allantoin mediated regulation of miRNAs for short term salinity stress tolerance in Oryza sativa L.CV IR-29.	Nishad J., Panda A.K., Chowrasia S., Nirmala C. and Mondal T.K.	Department of Botany	Journal of Biochemistry and Biotechnology	2021 - 2022	ISSN- 0976-6235
Targeting bacterial biofilms using vancomycin and multivalentcell-penetrating peptide labeled quantum dots	Rohit Sharma	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Journal of Biomedical Materials Research Part B Applied Biomaterials	2021 - 2022	1552-4981
Polyketide synthases (PKSs) of secondary metabolism: in silico identification and characterization in orchids	Arshpreet Kaur, Devina Ghai, Vikramaditya G. Yadav, Sandip V. Pawar and Jaspreet K. Sembi.	Department of Botany	Journal of Biomolecular Structure & Dynamics	2021 - 2022	Print ISSN: 0739-1102, Online ISSN: 1538-0254
Development of nanostructured lipid carriers as a promising tool for methotrexate delivery: physicochemical and in vitro evaluation	Jyoti Rathee, Rohini Kanwar, Laxmi Kumari, Sandip V. Pawar, Deepak B. Salunke	Department of Chemistry	Journal of Biomolecular Structure and Dynamics	2021 - 2022	0739-1102
Unique mutations in mitochondrial DNA and associated pathways involved in high altitude pulmonary edema susceptibility in Indian lowlanders	Prof. Rajat Sandhir	Department of Biochemistry	Journal of Biomolecular Structure and Dynamics	2021 - 2022	7391102
Promoter methylation status of key genes involved in the pathogenesis of endometriosis, endometrioid carcinoma of ovary and endometrioid endometrial cancer	Kumari P, Sharma I, Saha SC, Srinivasan R, Sharma A	Department of Zoology	Journal of Cancer Research & Therapeutics (JCRT)	2021 - 2022	Print -0973-1482, Online - 1998-4138
Promoter methylation status of key genes and its implications in the pathogenesis of endometriosis, endometrioid carcinoma of ovary and endometrioid endometrial cancer	Priti Kumari, Indu Sharma, Subhas Chandra Saha, Radhika Srinivasan, Anuradha Sharma	Department of Zoology	Journal of Cancer Research and Therapeutics	2021 - 2022	Print -0973-1482, Online - 1998-4138
Radiobiological modeling of radiation-induced acute mucosal toxicity (oral mucositis and pharyngeal mucositis): A single-institutional study of head-and-neck carcinoma	Dr. Vivek Kumar	Centre for Medical Physics	Journal of Cancer Research and Therapeutics (accepted)	2021 - 2022	Print -0973-1482, Online - 1998-413
Radiobiological modeling of radiation-induced acute proctitis: A single-institutional study of prostate carcinoma	Dr. Vivek Kumar	Centre for Medical Physics	Journal of Cancer Research and Therapeutics (Accepted)	2021 - 2022	Print -0973-1482, Online - 1998-413

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Radiobiological modeling of radiation-induced acute rectal mucositis: A single-institutional study of cervical carcinoma	Dr. Vivek Kumar	Centre for Medical Physics	Journal of Cancer Research and Therapeutics (Accepted)	2021 - 2022	Print -0973-1482, Online - 1998-413
Radiobiological modelling of radiation-induced acute skin toxicity (dermatitis): A single institutional study of breast carcinoma	Dr. Vivek Kumar	Centre for Medical Physics	Journal of Cancer Research and Therapeutics (Accepted)	2021 - 2022	Print -0973-1482, Online - 1998-413
Waste Managing in Chandigarh: An Exploratory Study of Waste Collection Process in the Planned City	Rishi Rana , Rajiv Ganguly , Ashok Kumar Gupta	Department of Geography	Journal of Civil Engineering and Environmental Technology	2021 - 2022	2349-879X
Biofuel from rice straw	A Sharma, G Singh, SK Arya	University Institute of Engineering & Technology	Journal of Cleaner Production	2021 - 2022	0959-6526
Evaluation of a glycolipopeptide biosurfactant from Aeromonas hydrophila RP1 for bioremediation and enhanced oil recovery	R. Pandey, B. Krishnamurthy, H.P. Singh, and D.R. Batish	Department of Botany	Journal of Cleaner Production	2021 - 2022	0959-6526
Polyhydroxyalkanoates production from domestic waste feedstock: A sustainable approach towards bio-economy.	Guleria, S., Singh, H., Sharma, V., Bhardwaj, N., Arya, S. K., Puri, S., & Khatri, M.	University Institute of Engineering & Technology	Journal of Cleaner Production	2021 - 2022	9596526
Review on neoteric biorefinery system from detritus lignocellulosic biomass: a profitable approach	N Kaur, G Singh, M Khatri, SK Arya	University Institute of Engineering & Technology	Journal of Cleaner Production	2021 - 2022	0959-6526
Time-dependent mechanistic insight into photo-degradation of mixed hydrophobic disperse dyes by magnetically separable nitrogen iron codoped titania under visible light using process variable optimization	Manpreet Kaur, Sofia Sandhu, Amrit Pal Toor, Vasundhara Singh	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Cleaner Production	2021 - 2022	1879-1786
Potential Determinants of Manual Lifting: Validation of Ergonomic Assessment by Scoping Review Applying Meta-analysis Approach.	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Journal of Clinical & Diagnostic Research	2021 - 2022	0973-709X
Structure and Concentration of India's Marine –Product Exports	Meenu Co-authored with Amandeep Kaur)	Department of Economics	Journal of Commerce, Economics & Computer Science (JCECS), Vol. 07, No. 03, July-Sept., 2021, pp. 34-42	2021 - 2022	2395-7069
IoT and deep learning-inspired multi-model framework for monitoring Active Fire Locations in Agricultural Activities	Akashdeep Sharma, Harish Kumar, Kapish Mittal, Sakshi Kauhsal, Manisha Kaushal, Divyam Gupta, Abheer	University Institute of Engineering & Technology	Journal of Computers and Electrical Engineering, Volume 93, July 2021	2021 - 2022	issn

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Dentinal defects after root canal preparation with rotary nickel-titanium files using different irrigants: An in vitro study	Ruchi singla, Swaty jhamb,Amandeep kaur,Jagat bhushan,. Amandeep singh uppall	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of conservative dentistry	2021 - 2022	0972-0707
Organic quantum dots: an ultrasmall nanoplateform for cancer theranostics	Dhas N, Pastagia M, Sharma A, Khera A, Kuharda R, Kulkarni S, Soman S, Mutalik S, Barnwal RP, Singh	University Institute of Pharmaceutical Sciences	Journal of Controlled Release	2021 - 2022	0168-3659
Organic Quantum Dots: An Ultrasmall Nanoplatfrom for cancer theranostics	N Dhas, M Pastagia, A Sharma, A Khera, R Kudarha, S Kulkarni, S Soman, S Mutalik, RP Barnwal, G Sing	Department of Biophysics	Journal of Controlled Release	2021 - 2022	0168-3659
Detection of vacant slots in parking area through machine learning techniques using optimized ensemble classification model	Dr. Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Discrete Mathematical Sciences and Cryptography	2021 - 2022	0972-0529
Evaluation of automatic parallelization algorithms to minimize speculative parallelism overheads: An experiment	Sudhakar Kumar, Sunil Kr. Singh, Kriti Aggarwal & Naveen Aggarwal	University Institute of Engineering & Technology	Journal of Discrete Mathematical Sciences and Cryptography, Taylor and Francis 24:5, 1517-1528	2021 - 2022	ISSN
Galactosylated Nanoconstructs of Berberine with Enhanced Biopharmaceutical and Cognitive Potential: A Preclinical Evidence in Alzheimer 's Disease.	Shikha, Teenu, Kaiser, Sumant, Art, Anil kumar and Bhoop BS	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology	2021 - 2022	1773-2247
Mechanistic evaluations of ketoconazole lipidic nanoparticles for improved efficacy, enhanced topical penetration, cellular uptake (L929 and J774A.1), and safety assessment: In vitro and in vivo studies	Indu Pal Ramzan, Gurpreet Kaur, Sonia Trehan, Javed N. Agrewala, Bozena B. Michniak-Kohn, Afzal Hus	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology	2021 - 2022	12234
Levofloxacin loaded clove essential oil nanoscale emulsion as an efficient system against Pseudomonas aeruginosa biofilm	KaranRazdanabVijay SinghGondilcSanjayChhibbercKamalinder KSinghb Vivek Ranjan Sinha	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology Volume 68, 2022	2021 - 2022	ISSN 1773-2247
Vitamin E TPGS-PLGA-based nanoparticles for methotrexate delivery: Promising outcomes from preclinical studies.	Almawash, S., Chaturvedi, S., Misra, C., Thotakura, N., Ibrahim, I.M., Sharma, G., Katare, O.P.,	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology,	2021 - 2022	1773-2247

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Galactosylated nanoconstructs of Berberine with enhanced Biopharmaceutical and cognitive potential: A preclinical evidence in Alzheimer’s disease	Lohan S, Sharma T, Saini S, Singh A, Kumar A, Raza K, Kaur J, Singh B.	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology.	2021 - 2022	17732247, 25888943
Implementing risk-based quality by design for development and optimization of flavored oral disintegrating mini tablets	Naman S, Madhavi N, Singh B, Madan J, Baldi A.	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology.	2021 - 2022	17732247, 25888943
Slope stability analysis of road cut slopes along NH-58 in Alaknanda Valley from Dhari Devi to Rudraprayag, Uttarakhand, India	Kumar, P., Thakur, M.,	Department of Geology	Journal of Earth System Science	2021 - 2022	0973-774X
An ichnofossil assemblage from the fluvial deposits of the Upper Pliocene–Pleistocene Pinjor Formation (Siwalik Group), northwestern Himalayas, India: Palaeoenvironmental implications, Vol. No. 127 (5):69. 1-16	Khosla, A. and Lucas, S.G	Department of Geology	Journal of Earth System Science (Springer)	2021 - 2022	0253-4126
Fear of COVID-19 among the Indian youth: A cross-sectional study	Gaurav Gaur, Meenakshi Sharma, Meenu Kundu, Harmehr Sekhon, Nidhi Chauhan	Centre for Social Work	Journal of Education and Health Promotion	2021 - 2022	NA
Gold-platinum bimetallic nanoparticles coated 3-(aminopropyl) triethoxysilane (APTES) based electrochemical immunosensor for vitamin D estimation	Prof G.R. Chaudhary et al	University Centre of Instrumentation and Micro-Electronics	Journal of Electroanalytical Chemistry	2021 - 2022	ISSN 1572-6657.
AGRICULTURAL LAW : CAPITALISM AND FEDERALISM	HARWINDERPAL KAUR	P.U. Regional Centre, Muktsar	JOURNAL OF EMERGING TECHNOLOGIES AND iNNOVATIVE RESEARCH	2021 - 2022	2349-5162
Effect of Flow-Field Variation on Hydrogen Adsorption in a Carbon Electrode Integrated into a Modified Reversible Polymer Electrolyte Membrane Fuel Cell	Prof. Amrinder Pal Singh	University Institute of Engineering & Technology	Journal of Energy Engineering	2021 - 2022	0733-9402 / 1943-7897
Impact of optimal sized pump storage unit on microgrid operating cost and bidding in electricity market	Deepak Kumar, Sandeep Dhundhra, Y.P.Verma, Rintu Khanna 2352-152X	University Institute of Engineering & Technology	Journal of Energy Storage	2021 - 2022	2352-152X
Recent advancement in three dimensional graphene-carbon nanotubes hybrid materials for energy storage and conversion applications	Jeevan Jyoti, Tejendra Gupta, Bhanu Pratap Singh, Manjit Sandhu& S.K Tripathi	Department of Physics	Journal of Energy Storage	2021 - 2022	2352-152X

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Recent advancements in development of different cathode materials for rechargeable lithium ion batteries	Jeevan Jyoti, Bhanu Pratap Singh & S.K Tripathi	Department of Physics	Journal of Energy Storage	2021 - 2022	2352-152X
Does social media activity lead to more funds? – a study on Indian start-ups	Nidhi Singhal, Deepak Kapur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of entrepreneurship in emerging economies	2021 - 2022	2053-4604
Wheat straw cellulose based fluorescent probe cum bioadsorbents for selective and sensitive alleviation of uranium(VI) in waste water	Preeti Tewatia Manpreet kaur sonal singhal Anupama kaushik	Energy Research Centre	Journal of Environmental Chemical Engineering	2021 - 2022	2213-2929 / 2213-3437
Plant-based remediation of air pollution: A review.	Han, Y., Lee, J., Haiping, G., Kim, K. H., Wanxi, P., Bhardwaj, N., ... & Brown, R. J	University Institute of Engineering & Technology	Journal of Environmental Management	2021 - 2022	3014797
Seasonal variations in carbonaceous species of PM2.5 aerosols at an urban location situated in Indo-Gangetic Plain and its relationship with transport pathways, including the potential sources	Suman Mor	Department of Environment Studies	Journal of Environmental Management	2021 - 2022	0301-4797
Chemical Composition and Potential of Eucalyptus camaldulensis Dehnh. Essential Oil and Its Major Components as Anti-inflammatory and Anti-leishmanial Agent	K. Grewal, J. Joshi, S. Rathee, S. Kaur, H.P. Singh, D.R. Batish	Department of Botany	Journal of Essential Oil Bearing Plants.	2021 - 2022	0972-060X
Dual Fluorometric Detection of Fe3+ and Hg2+ Ions in an Aqueous Medium Using Carbon Quantum Dots as a Turn-off Fluorescence Sensor	Shafali Singh & Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Fluorescence	2021 - 2022	1053-0509
Uracil-Appended Fluorescent Sensor for Cu2+ and Hg2+ Ions: Real- Life Utilities Including Recognition of Vitamin B2 (Riboflavin) in Milk Products and Invisible Ink Applications	Gitanjali Jindal , Navneet Kaur	Department of Chemistry	Journal of fluorescence	2021 - 2022	--
Impact of apricot oil incorporation in tamarind starch/gelatin based edible coating on shelf life of grape fruit	Gargi Ghoshal, Harpreet Chopra	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Food Measurement and Characterization, 2	2021 - 2022	2193-4134
Onion (Allium cepa L.) peel: A review on extraction of bioactive compounds, antioxidant potential and its application as a functional food ingredient	Manoj Kumar,Mrunal D Barbhai, Muzaffar Hasan, SangramDhumal, Surinder Singh,Ravi Pandiselvam, Nadeem	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of food science	2021 - 2022	0022-1147
Utilization and characterization of flaxseed oil in ultrasonically emulsified mango beverage	Gargi Ghoshal, Singh, S., Sharma, R.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Food Science and Technology	2021 - 2022	221155

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Age related changes in thyroid and cricoid cartilages: An autopsy based radiological analysis	Jadav D, Shedge R, Kanchan T, Meshram V, Garg PK, Krishan K	Department of Anthropology	Journal of Forensic and Legal Medicine	2021 - 2022	1752-928X (print); 1878-7487 (web)
Traumatic And Pathologic Signatures of Identity in Human Skeletal Remains: Exemplified from Forensic Anthropological Identification of Ajnala Skeletal Remains	J.S. Sehrawat, Shubham Thakur	Department of Anthropology	Journal of Forensic Medicine and Toxicology	2021 - 2022	9711929
Iris pattern recognition as an infallible mean of identity establishment in forensic case work	Sehrawat, J. S.	Department of Anthropology	Journal of Forensic Medicine and Toxicology, 38(1)	2021 - 2022	9711929
Role of mitochondrial DNA analyses in provenancing unknown human skeletal remains: Probabilities and limitations	Sehrawat, J. S.	Department of Anthropology	Journal of Forensic Medicine and Toxicology	2021 - 2022	9711929
Addressing Moral Dilemmas Thinking Through Socrates Dialogue	Dr Pankaj Srivastava & Neetu	Department of Philosophy	JOURNAL OF FOUNDATIONAL RESEARCH	2021 - 2022	2395-5635
Genome-wide characterization and expression profiling of the Phospholipase C (PLC) gene family in three orchids of economic importance	Madhvi Kanchan1†, Thakku R. Ramkumar 2†, Himani 1 and Jaspreet K. Sembi 1	Department of Botany	Journal of Genetic Engineering and Biotechnology	2021 - 2022	ISSN: 2090-5920
Discerning molecular diversity and association mapping for phenological, physiological, and yield traits under high-temperature stress in chickpea (Cicer arietinum L.).	Prof. Harsh Nayyar	Department of Botany	Journal of Genetics	2021 - 2022	ISSN:0022-1333 (Print), 0973-7731 (Web)
An Eocene Greenhouse Forested India: Biotic Radiations Triggered by Early Palaeogene Thermal Events	Sahni, A. and R. Patnaik	Department of Geology	Journal of Geological Society of India	2021 - 2022	167622
Fossil primate teeth as archive for high resolution ontogenic, dietary and palaeoclimate record	Patnaik, R	Department of Geology	Journal of Geological Society of India	2021 - 2022	167622
Geodiversity, Geoheritage and Geoconservation: A Global Perspective	Dr. Gurmeet Kaur	Department of Geology	Journal of Geological Society of India	2021 - 2022	00167622, 09746889
Nanomaterial-based flourescent sensors for the detection of the lead ions	H Singh, B Amy, K B Sanjeev, A Deep, M Khatri, K H Kim, N Bhardwaj	University Institute of Engineering & Technology	Journal of Hazardous material	2021 - 2022	0304-3894
Adsorptive removal of antibiotic ofloxacin in aqueous phase using rGO-MoS2 heterostructure	Anurag Jaswal, Manjot Kaur, Surinder Singh, Sushil Kumar Kansal, Ahmad Umar Christos S. Garoufalīs,	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Hazardous Materials	2021 - 2022	0304-3894

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Amelioration of adsorptive efficacy by synergistic assemblage of functionalized graphene oxide with esterified cellulose nanofibers for mitigation of pharmaceutical waste	Komal, Kanu Gupta, Nidhi, Anupama Kaushik, Sonal Singhal	Department of Chemistry	Journal of Hazardous Materials	2021 - 2022	0304-3894.
Diamidoximated cellulosic bioadsorbents from hemp stalks for elimination of uranium (VI) and textile waste in aqueous systems	Manpreet Kaur, Preeti Tewatia, Gaurav Rattan, Sonal Singhal, Anupama Kaushik,	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Hazardous Materials	2021 - 2022	3043894
Sensing and annihilation of ultra-trace level arsenic (III) using fluoranthene decorated fluorescent nanofibrous cellulose probe	Preeti Tewatia, Vijay Kumar, Sharmistha Samota, Sonal Singhal, Anupama Kaushik	Department of Chemistry	Journal of Hazardous Materials	2021 - 2022	0304-3894
Effect of heavy metals treatments on fenugreek plant	R Bhandhari, Singh B*,	Department of Biotechnology	Journal of Hazardous Materials Advances	2021 - 2022	2772-4166
Microplastics contamination in soil affects growth and root nodulation of fenugreek (Trigonella foenum-graecum L.) and 16 s rRNA sequencing of rhizosphere soil	Baljinder Singh, Kashmir Singh	Department of Biotechnology	Journal of Hazardous Materials Advances	2021 - 2022	2772-4166
LTNE effects on triple-diffusive convection in nanofluids.	Shushant Shukla, Urvashi Gupta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Heat Transfer	2021 - 2022	1528-8943
Groebke–Blackburn–Bienaymé multicomponent reaction coupled with unconventional Pictet–Spengler cyclization for the synthesis of imidazo[4,5-b]pyridine fused polycyclic heterocycles	Rahul Singh,Ravinder Kumar,Manpreet Kaur,Madhuri T. Patil,Subash Chandra Sahoo,Deepak B. Salunke	Department of Chemistry	Journal of Heterocyclic Chemistry	2021 - 2022	0022-152X
Microwave-assisted Groebke-Blackburn-Bienaymé multicomponent reaction to synthesize imidazo fused heterocycles via in-situ generated isocyanides from N - formylamines: An undergraduate organic laboratory experiment	Manpreet Kaur,Rahul Singh,Madhuri T. Patil,Kushvinder Kumar,Subash Chandra Sahoo, Deepak B. Salunke	Department of Chemistry	Journal of Heterocyclic Chemistry	2021 - 2022	0022-152X
Measurement of the inclusive and differential $t\bar{t}$ cross sections in the single-lepton channel and EFT interpretation at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Journal of High Energy Physics	2021 - 2022	10298479
Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Journal of High Energy Physics	2021 - 2022	10298479

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Hydrogeochemical Characterisation of Groundwater in Transboundary Aquifers of Gurdaspur District, Punjab, India	Ashima Awasthia, Madhuri S. Rishia and Ashu Khosla	Department of Geology	Journal of Indian Association for Environmental Management	2021 - 2022	2582-4228
Development of descriptive mathematical models for different domains of gingival recession using multiple linear regression analysis.	Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian society of Periodontology	2021 - 2022	09751580, 0972124X
Ameliorating properties of castor oil based polyurethane hybrid nanocomposites via synergistic addition of graphene and cellulose nanofibers	Sachin Kumar, Preeti Tewatia, Sharmistha Samota, Gaurav Rattan, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Industrial and Engineering Chemistry	2021 - 2022	1226086X
COVID-19 pandemic: What can we learn for better air quality and human health?	Suman Mor	Department of Environment Studies	Journal of Infection and Public Health	2021 - 2022	1876-0341
COVID-19 pandemic and ‘Survival of the Fittest	Mukhra R, Krishan K, Kanchan T	Department of Anthropology	Journal of Infection in Developing Countries	2021 - 2022	1972-2680
COVID-19 pandemic: A reminder to develop Forensic Radiology facility	Kanchan T, Saraf A, Krishan K, Surekha B, Garg P, Misra S	Department of Anthropology	Journal of Infection in Developing Countries	2021 - 2022	1972-2680
Synthesis of Benzenesulfonamide Derivatives via Ring Opening of Aziridines in the Presence of Magnetically Retrievable Graphene Based (CoFe@rGO) Nanohybrid	A Sheoran, Komal, J Kaur, P Kaur, J Agarwal, V Kumar, S Bansal, K B Tikoo, S Singhal	Department of Chemistry	Journal of Inorganic and Organometallic Polymers and Materials	2021 - 2022	1053-0495
Relationship between Spiritual Intelligence and Psychological Well-being among Indian and International Students in India	Arunachal Khosla	University Institute of Applied Management Sciences	Journal of Institute of Public Enterprise	2021 - 2022	0971 1864
A new calibration method for charm jet identification validated with proton-proton collision events at $\sqrt{s}=13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Journal of Instrumentation 17(3),P03014	2021 - 2022	17480221
Significance and Factors Hampering Patents Commercialization in India.	Bhardwaj M. and Sandhu A.	Centre for Policy Research	Journal of Intellectual Property Rights	2021 - 2022	09717544, 09751076
Response to Personalized Marketing Communication: An Empirical Investigation Comparing Users and Non Users of Surrogate Shoppers	Sonia Arora & Anupam Bawa	University Business School	Journal of Internet Commerce	2021 - 2022	1533-2861
TOXIC LEADERSHIP AS A PREDICTOR OF ORGANIZATIONAL COMMITMENT- A STUDY OF FEMALE NURSES FROM PRIVATE HOSPITALS IN PUNJAB	Prof (Dr.) Sanjay Kaushik and Kriti Mahajan	University Business School	Journal of Kavikulaguru Kalidas Sanskrit University, Ramtek	2021 - 2022	2277-7067

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Influence of social networking sites on scholarly communication: A study using literature in Artificial Intelligence	Rishabh Shrivastava, Preeti Mahajan	Department of Library & Information Science	Journal of Librarianship and Information Science	2021 - 2022	0961-0006
Deciphering the Status of Library and Information Science Research in BRICS Nations: A Research Visualization Approach	Gupta, N. & Chakravarty, R.	Department of Library & Information Science	Journal of Library Administration	2021 - 2022	1540-3564
In situ incorporation of magnetic nanoparticles within the carboxymethyl cellulose hydrogels enables dye removal	Nirbhai Singh, Saurabh Yadav, Surinder K Mehta and Abhijit Dan*	Department of Chemistry	Journal of Macromolecular Science, Part A	2021 - 2022	1520-5738
Light soaking and annealing induced modification of non-linear and linear optical absorption of nanocrystalline CdTe (nc-CdTe) thin films	Kriti Sharma, Ravneet Kaur, Anmol Arora, G.S.S. Saini and S.K. Tripathi1	Department of Physics	Journal of Material Science: Materials in Electronics	2021 - 2022	0957-4522
Metallocatanionic vesicles mediated enhanced singlet oxygen generation and photodynamic therapy of cancer cells	B. Sharma, A. Jain, L. Pérez-García, F. J. Rawson, J. Watt, Gurpreet Kaur, and Ganga Ram Chaudhary	Department of Chemistry	Journal of Materials Chemistry B	2021 - 2022	2050-7518
Low Cost Joining of Inconel 625 and Super Duplex Stainless Steel 2507 through Novel Technique	Dr. Parveen Goyal	University Institute of Engineering & Technology	Journal of Materials Engineering and Performance	2021 - 2022	1059-9495 / 1544-1024
Surface characteristics study of Ti–6Al–4V alloy for biomedical applications using finite element modeling	Viveksheel Rajput, Mudimallana Goud, Narendra Mohan Suri, Sarbjit Singh, Ganga Ram Chaudhary	Department of Chemistry	Journal of Materials Research	2021 - 2022	0884-2914
Dielectric investigations of pristine and modified ZnO nanoparticles for energy storage devices	Daljeet Kaur, Tripti Sharma, Charu Madhu	University Institute of Engineering & Technology	Journal of Materials Science: Materials in Electronics	2021 - 2022	0957-4522
Mangifera indica leaf extract assisted biogenic silver nanoparticles potentiates photocatalytic activity and cytotoxicity	Panwar RS, Pervaiz N, Dhillon G, Kumar S, Sharma N, Aggarwal N, Tripathi S, Kumar R, Vashisht A, Kum	Department of Zoology	Journal of Materials Science: Materials in Electronics	2021 - 2022	0957-4522
Lamb waves in nonlocal elastic plate with voids	Dilbag Singh	Department of Mathematics	Journal of mechanics and materials of structures	2021 - 2022	1559-3959
Multi-modality medical image fusion using cross-bilateral filter and neuro-fuzzy approach	Dr.Satish Kumar	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Medical Physics	2021 - 2022	9716203
Protective Effects of Zingerone Against Depression-Like Behavior and Biochemical Changes in Chronic Stressed Rats: Antioxidant Effects	Kumud Upadhyaya, Priya Kumari Sharma, Ansab Akhtar and Sangeeta Pilkhwal Sah	University Institute of Pharmaceutical Sciences	Journal of medicinal Food	2021 - 2022	ISSN: 1096-620X Online ISSN: 1557-7600

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Sclerostin inhibition: A novel target for the traetment of postmenopausal osteoporosis	Dr. Suruchi Aditya	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Mid-Life Health	2021 - 2022	0976-7800
A Deep Learning Approach to Detection and Mitigation of Distributed Denial of Service Attacks in High Availability Intelligent Transport Systems	Nitish Mahajan, Amita Chauhan, Harish Kumar, Sakshi Kaushal and Arun Kumar Sangaiah	University Institute of Engineering & Technology	Journal of Mobile Networks and Applications, April 2022	2021 - 2022	issn
Photodegradation of dye using Polythiophene/ZnO nanocomposite: A computational approach	Shivangi Garg and Neetu Goel	Department of Chemistry	Journal of Molecular Graphics and Modelling	2021 - 2022	1093-3263
Designing of surface engineered Ytterbium oxide nanoparticles as effective electrochemical sensing platform for dopamine	Sushil Kumar, Ganga Ram Chaudhary, Savita Chaudhary	Department of Chemistry	Journal of Molecular Liquid	2021 - 2022	0167-7322
Assessment of structural integrity of lysozyme in the presence of newly formed uni/multivesicular metallosomes	Gurpreet kaur, Preet Garg, Navpreet Kaur, Mehak Mittal, Ganga Ram Chaudhary, Santosh Gawali, PA Hass	Department of Chemistry	Journal of molecular liquids	2021 - 2022	0167-7322
Comparative scrutinize of BSA and HEWL in the vicinity of metallo-catanionic aggregates derived from single chain metallosurfactant and anionic surfactant	Navpreet Kaur, Gurpreet Kaur, Ganga Ram Chaudhary	Department of Chemistry	Journal of Molecular Liquids	2021 - 2022	0167-7322
Thermoplastic polyurethane-based nanoencapsulation strategy for efficient storage and stability of RDX	Priya Manhas, Rohit Saini, Arjun Singh, Pramod Soni, Rohit K Sharma	Department of Chemistry	Journal of Molecular Liquids	2021 - 2022	0167-7322
Ultrasonication induced synthesis of TPGS stabilized clove oil nanoemulsions and their synergistic effect against breast cancer cells and harmful bacteria	R Kumar, S Uppal, K Mansi, J Das, SK Pandey, K Kaur, SK Mehta	Department of Chemistry	Journal of Molecular Liquids	2021 - 2022	0167-7322.
Volumetric and acoustic approach for investigating molecular interactions of choline acetate ionic liquid in α,ω -alkanediols at different temperatures	Ganga Ram Chaudhary et al	University Centre of Instrumentation and Micro-Electronics	Journal of Molecular Liquids	2021 - 2022	ISSN 0167-7322.
Rise of Silicene and its applications in Gas Sensing	Mr.Kanwalpreet Singh Malhi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Molecular Modeling	2021 - 2022	1610-2940
Critical Evaluation of Valproic Acid-Induced Rodent Models of Autism: Current and Future Perspectives	Sweetey Mehra, Aitizaz Ul Ahsan, Era Seth & Mani Chopra	Department of Zoology	Journal of Molecular Neuroscience	2021 - 2022	1559-1166
2'-Aryl-2, 5'-Bibenzoxazoles: Synthesis, crystal structure and evaluation of cytotoxicity against cervical (HeLa) and liver (HepG2) cancer cell lines	Sumit Thakral, Devinder Kumar, Suman Rani, Ramesh Kataria, Poonam Sagar, Nitin Kumar Singhal	Department of Chemistry	Journal of Molecular Structure	2021 - 2022	0022-2860

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Binding of periodate by non-covalent interaction: Synthesis, characterization, single crystal structure determination, antibacterial and anticancer studies of [Co (bpy) 2CO3]	Arora, S., Talwar, D., Chetal, M., Bhardwaj, V.K., Dawar, A., Sidhu, H., Kashyap, S. and Capalash, N	Department of Biotechnology	Journal of Molecular Structure	2021 - 2022	0022-2860
Phenyl iodine (III) diacetate-mediated dearomatization of 2-(2-hydroxyaryl) benzoxazoles and 2-(2-hydroxyaryl) benzothiazoles: Regio- and stereoselective synthesis of tetramethoxycyclohexenones and bicyclo [2.2. 2] octenones	Geeta Yadav, Sunil Kumar, Devinder Kumar, Ramesh Kataria, Christophe Laroche, Sean M Kerwin	Department of Chemistry	Journal of Molecular Structure	2021 - 2022	0022-2860
Photocatalytic degradation of pesticide monocrotophos in water using W-TiO2 in slurry and fixed bed recirculating reactor	Abhishek Sraw, Taranjeet Kaur, Ina Thakur, Anoop Verma, Ravinder K. Wanchoo, Amrit Pal Toor	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Molecular Structure	2021 - 2022	0022-2860
Solid-State Thermolysis of 1D and 3D Cd-Coordination Polymers of L-methionine Derived Ligand to CdS Nanospheres: Facile Synthesis, Characterization and Dye Degradation Studies	P.K. Nanda	University Institute of Engineering & Technology	Journal of Molecular Structure	2021 - 2022	ISSN: 0022-2860
Study of self-assembly features in 4H-pyrans: Synthesis, Hirshfeld surface, and energy framework analysis	Brilliant N Marak, Biki Hazarika, Sunil Kumar Pandey, Ramesh Kataria, Ved Prakash Singh	Department of Chemistry	Journal of Molecular Structure	2021 - 2022	0022-2860
Unravelling the thermodynamics and binding interactions of bovine serum albumin (BSA) with thiazole based carbonylhydrazide: Multi-spectroscopic, DFT and molecular dynamics approach	Payal Rani, Kiran Sandhya Chahal Priyanka, Ramesh Kataria, Parvin Kumar, Sudhir Kumar, Jayant Sindhu	Department of Chemistry	Journal of Molecular Structure	2021 - 2022	0022-2860
Nebulised surface-active hybrid nanoparticles of voriconazole for pulmonary Aspergillosis demonstrate clathrin-mediated cellular uptake, improved antifungal efficacy and lung retention	Kaur R, Dennison SR, Burrow AJ, Rudramurthy SM, Swami R, Gorki V, Katore OP, Kaushik A, Singh B, Sin	University Institute of Pharmaceutical Sciences	Journal of nanobiotechnology.	2021 - 2022	14773155
Carbon Dots derived from Ocimum sanctum for dapson-protein interactions: a quantitative approach	Anjali Vijeata, Ganga Ram Chaudhary, Savita Chaudhary, Ahmad Umar, Sotirios Baskoutas	Department of Chemistry	Journal of Nanostructure in Chemistry	2021 - 2022	2008-9244

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Novel synthesis of amorphous CP@ HfO2 nanomaterials for high-performance electrochemical sensing of 2-naphthol	Mehar Singh, Moondeep Chauhan, Yogendra K Mishra, Scott L Wallen, Gurpreet Kaur, Ajeet Kaushik	Department of Chemistry	Journal of Nanostructure in Chemistry	2021 - 2022	2008-9244
Can urodynamic diagnosis of dysfunctional voiding/external sphincter nonrelaxation be made on two-channel pressure-flow study without video-urodynamics, electromyography, or urethral pressure profilometry? Plateau detrusor pattern in perspective	Mayank M. Agarwal MCh,Suresh Sharma PhD,Saurabh Jain MCh,Durga Prasad MCh,Ved Bhaskar MCh,Shailendra	Department of Statistics	Journal of Neurourology and Urodynamics	2021 - 2022	1520-6777
DFT modelling of Ag doped As2S3 configurations	Veerpal KaurS.K. Triathi & Satya Prakash.	Department of Physics	Journal of Non-crystalline Solids	2021 - 2022	2590-1591
Effect of optical pulse shaping and adaptive equalization on the performance of 100G DP-QPSK WDM system	Neeraj Sharma	University Institute of Engineering & Technology	Journal of Optical Communications	2021 - 2022	2191-6322
The Study of Indian Food Anthropology and Preferences	Prashant K. Gautam	University Institute of Hotel and Tourism Management	Journal of Optoelectronics Laser	2021 - 2022	10050086
Tooth decalcification using different decalcifying agents – A comparative study	Shally Gupta, Anubha Gulati, Simranjit Singh	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Oral and Maxillofacial Pathology	2021 - 2022	ISSN:print-(0973-029X, online-1998-393X
A new treeshrew and other micromammals from the middle Miocene hominoid locality of Ramnagar, Udhampur District, Jammu and Kashmir, India	Ramesh Kumar Sehgal, Abhishek Pratap Singh, Christopher C. Gilbert, Biren A. Patel, Christopher J. C	Department of Geology	Journal of Palaeon	2021 - 2022	0022-3360
Systematic paleontology, acritarch biostratigraphy, and $\delta^{13}\text{C}$ chemostratigraphy of the early Ediacaran Krol A Formation, Lesser Himalaya, northern India	Shuhai Xiao,1* Ganqing Jiang,2 Qin Ye,3 Qing Ouyang,4 Dhiraj M. Banerjee,5 Birendra P. Singh,6 A. D.	Department of Geology	Journal of Palaeontology	2021 - 2022	0022-3360
The Miocene fossil lizards from Kutch (Gujarat), India: a rare window to the past diversity of this subcontinent	Andrej Čerňanský, Ningthoujam Premjit Singh, Rajeev Patnaik, K Milankumar Sharma 4 , Ramesh Kumar Se	Department of Geology	Journal of Paleontology	2021 - 2022	0022-3360
An elucidative review to analytically sieve the viability of nanomedicine market	A Kad, A Pundir, SK Arya, N Bhardwaj, M Khatri	University Institute of Engineering & Technology	Journal of Pharmaceutical Innovation	2021 - 2022	1939-8042

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Pharmaceutical cocrystals of famotidine: Structural and biopharmaceutical evaluation.	Akshita Jindal, Mansi Prashar, Janhvi Dureja, Neelima Dhingra, Kunal Chadha, Maninder Karan, and	University Institute of Pharmaceutical Sciences	Journal of Pharmaceutical Sciences	2021 - 2022	1520-6017
Evaluation of In Vivo toxicity of Novel Biosurfactant from Candida parapsilosis loaded in PLA-PEG Polymeric Nanoparticles	Smriti Rana, Joga Singh, Aishani Wadhawan, Archna Khanna, Gurpal Singh, Mary Chatterjee	University Institute of Engineering & Technology	Journal of Pharmaceutical Sciences	2021 - 2022	1520-6017 (print); 0022-3549 (web)
Pharmaceutical Cocrystals of Famotidine: Structural and Biopharmaceutical Evaluation	Akshita Jindal, Mansi Prashar, Janhvi Dureja, Neelima Dhingra, Kunal Chadha, Maninder Karan, Renu	University Institute of Pharmaceutical Sciences	Journal of Pharmaceutical Sciences	2021 - 2022	2365-6549
Bamboo shoot for Food and Nutritional security	Bajwa H. K., Santosh O. and Nirmala C.	Department of Botany	Journal of Pharmacognosy and Phytochemistry	2021 - 2022	ISSN Online: 2278-4136
Onion-Herbal medication and its applications	Tsewang Thupstan, Verma Vivek, Acharya Somen and Kapila Sunita	Department of Botany	Journal of Pharmacognosy and Phytochemistry	2021 - 2022	2349-8234
Phytomodulatory effects of Dendrocalamus hamiltonii (Nees& Arn. ExMunro) shoots on the hepatic status of healthy male Balb/cmice.	Bajwa H. K, Santosh O., Bisht M. S. and Nirmala C.	Department of Botany	Journal of Pharmacognosy and Phytochemistry	2021 - 2022	ISSN Online:2278-4136
Quality evaluation of biscuits fortified with bamboo shoot for their sensory properties	Santosh O., Bajwa H. K., Bisht M.S. and Nirmala C.	Department of Botany	Journal of Pharmacognosy and Phytochemistry	2021 - 2022	ISSN Online:2278-4136
Fluorescent water-stable quantum dots possessing benzimidazole for the recognition of bisulfate in edible materials, soap, and medicine	Gitanjali Jindal , Navneet Kaur	Department of Chemistry	Journal of Photochemistry & Photobiology A: Chemistry	2021 - 2022	--
Alkali metal doping in B–C3N4 extends carrier lifetime and increases the CO2 adsorption: DFT study and time-domain Ab initio analysis	Dr. Gurinder Singh and Dr. Aman Kaura	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Physics and Chemistry of Solids	2021 - 2022	--
Differential DNA methylation in regulation of deacetylvindoline-4-O-acetyl transferase (DAT) gene in Catharanthus roseus	Prof. Harsh Nayyar	Department of Botany	Journal of Plant Biochemistry and Biotechnology	2021 - 2022	ISSN: 0974-1275
Glutathione Peroxidases in Plants: Innumerable Role in Abiotic Stress Tolerance and Plant Development	Madhu, Alok Sharma, Amandeep Kaur, Shivi Tyagi, Santosh Kumar Upadhyay	Department of Botany	Journal of Plant Growth Regulation	2021 - 2022	
Role of Phytohormones in Regulating Heat Stress Acclimation in Agricultural Crops	Prof. Harsh Nayyar	Department of Botany	Journal of Plant Growth Regulation	2021 - 2022	ISSN: 7217595

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National Security Concerns and India's Expanding Naval Presence in the Indian Ocean	Mohammed Khalid	Department of Evening Studies	Journal of Political Science and International Relations	2021 - 2022	ISSN 2640-2769 (Print) ISSN 2640-2785 (Online)
A review on valorization of chitinous waste. Journal of Polymer Research	Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	Journal of Polymer Research	2021 - 2022	1022-9760
Synthesis of gum acacia-silver nanoparticles based hydrogel composites and their comparative anti-bacterial activity	Vishal Sharma	Institute of Forensic Science & Criminology	Journal of Polymer Research	2021 - 2022	NA
Effect of internal heat source on Darcy-Brinkman convection in a non-Newtonian Casson nanofluid layer	Jyoti Sharma,Mamta Devi, Urvashi Gupta	University Institute of Engineering & Technology	Journal of Porous Media	2021 - 2022	1934-0508
A Comparative evaluation of Hospitality aspirants perceptions and expectations of Housekeeping professionals towards an Entrepreneurialv career in the hospitality business	NEERAJ AGGARWAL	University Institute of Hotel and Tourism Management	Journal of Positive Psychology	2021 - 2022	48074819
Connecting monomiality questions with the structure of rational group algebras	Gurmeet K Bakshi and Gurleen Kaur	Department of Mathematics	Journal of Pure and Applied Algebra	2021 - 2022	0022-4049
Evaluation of Antifertility Effects of Sperm Immobilization Factor from Escherichia coli on Male Mice.	Aditi Chauhan, Vijay Prabha	Department of Microbiology	Journal of Pure and Applied Microbiology	2021 - 2022	0973-7510
Study of Naturally Occurring Radioactive Material Present in Deep Soil of the Malwa Region of Punjab State of India Using Low Level Background Gamma-Ray Spectrometry	Alok Srivastava , Vikash Chahar , Neeraj Chauhan , Dominik Krupp , Ulrich W. Scherer	Department of Chemistry	Journal of Radiation Protection and Research	2021 - 2022	25081888
Measurement of uranium in phosphate fertilizers for groundwater contamination employing X-ray and γ-ray spectroscopic techniques	Gurjeet Singh, Harpreet Singh Kainth, Gurjot Singh, Nisha Rani, Heena Duggal, Arun Upmanyu, Atul Bha	Department of Physics	Journal of Radioanalytical and Nuclear Chemistry	2021 - 2022	1715–1722
Vertical distribution and radiological risk assessment of natural radionuclides in the alluvial soil profile of south-west Punjab, India	Debabrata Das	Department of Geology	Journal of Radioanalytical and Nuclear Chemistry	2021 - 2022	1588-2780
Selfitis Behaviour in Relation to Personality and Self Esteem Among Youth	Roshan Lal	Department of Psychology	Journal of Research in Humanities and Social Sciences	2021 - 2022	2321-9467

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Extensive study on Optical Contrast between bulk and Nanoscale transition metal dichacogenide semiconductors	Manish Dev Sharma	Department of Physics	Journal of Semiconductors volume 42 no. 8	2021 - 2022	16744926
Agrarian Resistance in Punjab: Contextualising Farmer Protests at the Gates of Delhi in a Historical Perspective	Prof. Ronki Ram	Department of Political Science	Journal of Sikh & Punjab Studies	2021 - 2022	Vol. 29, Nos. 1&2, Spring-Fall, 2022, pp. 11-68
Gurinder Singh Kairon, Meeta Rajivlochan, and M. Rajivlochan. Partap Singh Kairon: A Visionary	Prof. Ashutosh Kumar	Department of Political Science	Journal of Sikh & Punjab Studies	2021 - 2022	0971-5223
Impact on Awareness Generation and Interventional Role of Print Media in Context to organ donation and transplantation	Rita Kumari, Ashish Sharma, Ritu Nehra, Kewal Krishan and Anil Kishore Sinha	Department of Anthropology	Journal of Social Anthropology	2021 - 2022	0973-3582
An Intrinsic Authorship Verification Technique for Compromised Account Detection in Social Networks Soft Computing	Ravneet Kaur, Sarbjeet Singh and Harish Kumar	University Institute of Engineering & Technology	Journal of Soft Computing	2021 - 2022	issn
Knowledge of Physical Education Teachers of Chandigarh with Regard to Emergency Management of Avulsed Teeth at School	Leena Verma, Sidhi Passi, Jyoti Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of South Asian Association of Pediatric Dentistry	2021 - 2022	eISSN: 2582-1024
Body Mass Index, Heart Rate And Blood Pressure between Sportsperson and Non-Sportsperson.	Prof. Th. Nandalal Singh	Department of Physical Education	Journal of Sports Science and Nutrition	2021 - 2022	ISSN Number: 2707-7020
Subset Selection of ϵ - Better Exponential Populations under Heteroscedasticity	• Goyal A., Gill A.N. and Maurya, Vishal	Department of Statistics	Journal of Statistics Applications & Probability An International Journal	2021 - 2022	
Structure-based virtual screening for identification of potential non-steroidal LXR modulators against neurodegenerative conditions	Prof. Rajat Sandhir	Department of Biochemistry	Journal of Steroid Biochemistry and Molecular Biology	2021 - 2022	9600760
A highly stereoselective oxidation and an easy one pot elimination methodology for 3-allyl-3-phenylthio- β -lactams	Renu Thapar	University Institute of Engineering & Technology	Journal of Sulfur Chemistry	2021 - 2022	1741-5993
First-Principles Investigation of Thermoelectric Properties of Half-Heusler Alloy NbFeTe	GS AlGhamdi, Anuradha Saini, AA AlShaikhi, Ranjan Kumar	Department of Physics	Journal of Superconductivity and Novel Magnetism	2021 - 2022	15571939
Data Mining Methods and Techniques for Online Customer Review Analysis: A Literature Review	Prashant K. Gautam	University Institute of Hotel and Tourism Management	Journal of System and Management Sciences	2021 - 2022	1818-0523

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Optimized outdoor parking system for smart cities using advanced saliency detection method and hybrid features extraction model	Dr. Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Taibah University for Science	2021 - 2022	1658-3655
Speech-Based Vehicle Movement Control Solution	GURPREET KAUR	University Institute of Engineering & Technology	Journal of Telecommunications and Information Technology	2021 - 2022	1899- 8852
A Pseudo-Isolated α -Helix Platform for the Recognition of Deep and Narrow Targets.	D Kim, S Han, H Park, S Choi, Mandeep Kaur, E Hwang, S Han, J Ryu, H Cheong, Ravi P Barnwal, YB Lim	Department of Biophysics	Journal of the American Chemical Society	2021 - 2022	1520-5126
Destabilized Carbocations Caged in Water Microdroplets: Isolation and Real-Time Detection of α -Carbonyl Cation Intermediates	Anil Kumar	University Institute of Engineering & Technology	Journal of the American Chemical Society	2021 - 2022	0002-7863 (print); 1520-5126 (web)
AMBIDEXTROUS LEADERSHIP AND ITS ROLE IN PROMOTING INNOVATIVE WORK BEHAVIOUR OF EMPLOYEES IN SELECT SOFTWARE AND BPM COMPANIES	Prof. Sanjay Kaushik & Ms. Nisha Kaushik	University Business School	Journal of the Asiatic Society of Mumbai	2021 - 2022	0972-0766
Burden of Health Care Access and Expenditure among the Caregivers of Thalassemia patients	Rajnish Kumar Singh, Nutan Kumari Jha and Anil Kishore Sinha	Department of Anthropology	Journal of the Asiatic Society of Mumbai	2021 - 2022	0972-0766.
WORKPLACE OSTRACISM AND COUNTERPRODUCTIVE WORK BEHAVIOUR: A SOCIAL EXCHANGE PERSPECTIVE	Prof. Sanjay Kaushik & Ms. Disha Arora	University Business School	Journal of the Asiatic Society of Mumbai	2021 - 2022	0972-0766
Review of Architects of Anthropology in India Vol.1	Abhik Ghosh	Department of Anthropology	Journal of the Indian Anthropological Society	2021 - 2022	0019-4387
A colubrid snake from the late Miocene of Kutch, Gujarat, India. 2021	Ningthoujam Premjit Singh, Nongmaithem Amardas Singh, K Milankumar Sharma, Rajeev Patnaik, Yumlembam	Department of Geology	Journal of the Palaeontological Society of India	2021 - 2022	0552-9360
Incisor enamel microstructure of some Neogene muroid rodents of India: taxonomic, evolutionary and biomechanical implications.	Ankita Singla, Rajeev Patnaik, Ningthoujam Premjit Singh , K. Milankumar Sharma & Ashok Sahni	Department of Geology	Journal of the Palaeontological Society of India	2021 - 2022	0552-9360
TORSIONAL WAVES PROPAGATION IN MICROPOLAR ELASTIC HALF-SPACE	Aarti Khurana	Department of Mathematics	Journal of Theoretical and Applied Mechanics	2021 - 2022	1314-8710 (Online), 0861-6663 (Print)

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Reinforcing MWCNTs to enhance viscoelastic properties of polyurethane nanocomposites by using nano DMA techniques	Dr. Prashant Jindal	University Institute of Engineering & Technology	Journal of Thermoplastic Composite Materials	2021 - 2022	0892-7057 / 1530-7980
A cytomorphological investigation of three species of the genus sonchus L. (Asterales:Asteraceae) from Punjab, India	Prof. M.C. Sidhu	Department of Botany	Journal of Threatened Taxa	2021 - 2022	0974-7907
Legal Issues and Challenges of AI: A Study	Dr Amita Verma and Arpit Bansal	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol XV, Issue 1	2021 - 2022	2229-3906
A find from the Ladakh Himalaya reveals a survival of madtsoiid snakes (Serpentes, Madtsoiidae) in India till the late Oligocene	Wasim Abass Wazir, Ramesh Kumar Sehgal, Andrej Čerňanský, Rajeev Patnaik, Navin Kumar, Abhishek Prat	Department of Geology	Journal of Vertebrate Paleontolog	2021 - 2022	0272-463
Rayleigh-like waves in multilayered elastic media containing voids: Use of the Haskell matrix method	Aarti Khurana	Department of Mathematics	Journal of Vibration and Control	2021 - 2022	1077-5463 / 1741-2986
A novel unsupervised multiple feature hashing for image retrieval and indexing (MFHIRI)	Saurabh Sharma, Vishal Gupta and Mamta Juneja	University Institute of Engineering & Technology	Journal of Visual Communication and Image Representation, Elsevier	2021 - 2022	issn
Decolorization and detoxification of textile effluent by immobilized laccase-ACS into chitosan-clay composite beads using a packed bed reactor system: An ecofriendly approach	S Mehandia, S Ahmad, SC Sharma, SK Arya	University Institute of Engineering & Technology	Journal of Water Process Engineering	2021 - 2022	2214-7144
Global Publications on Covid-19 and Neurosciences: A Bibliometric Assessment during 2020-21	Surulinathi, M., Gupta, BM, N. Prasanna Kumari and Neeraj Kumar	A C Joshi Library	Journal of Young Pharmacists	2021 - 2022	0975-1483
Voilence angainst Women Amidst COVID- 19	Dr. Jai Mala	University Institute of Legal Studies	Journal Research in humanites and Social; Science	2021 - 2022	2321-9467
Inter-Personal Law, Conflict And Effect Of Conversion	DR.MONIKA NEGI	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal Vol-25 No. 01 January–March 2022.	2021 - 2022	0975-4520
A review on management of rice straw by use of cleaner technologies: Abundant opportunities and expectations for Indian farming	G Singh, SK Arya	University Institute of Engineering & Technology	Journnal of Cleaner Production	2021 - 2022	0959-6526
Phylogenetic analysis of Pallisentis nagpurensis (Acanthocephala: Quadrigyridae) infecting snakehead murrel Channa striata in Himachal Pradesh, India	RANA K AND KAUR H	Department of Zoology	JPD	2021 - 2022	0971-7196 / 0975-0703

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John Rawl's Theory Of Justice And Indian Constitution: Significance And Application	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Juni Khyat (Ugc Care Group I Listed Journal) Vol-12 Issue-01 No.02 January 2022	2021 - 2022	ISSN: 2278-4632
Distributive Justice and Global Public Healthcare system With Special Refence to COVID-19 vaccination Programme	Rohtash	Department of Laws	Kala The Journal of Indian Art History Congress	2021 - 2022	0975-7945
Egalitarian and Utilitarian Philosophy in Indian Constitution	Rohtash	Department of Laws	Kala The Journal of Indian Art History Congress, Vol. 28, No. 1	2021 - 2022	0975-7945
Dr Surjit Singh Khurma di ik alochk vajo pahchan	Bhupinder Kaur	Department of Evening Studies	kalakaar sahitak	2021 - 2022	23481609
Jaspal Mankhera de novel hun mai woh nahi	Bhupinder Kaur	Department of Evening Studies	kalakaar sahitak	2021 - 2022	23481609
Kashmir toh Kanyakumari di sair safarnama ramte jogi vehnde pani	Bhupinder Kaur	Department of Evening Studies	kalakaar sahitak	2021 - 2022	23481609
Sakaratomak soch te pehra dindi dhai dahake	Bhupinder Kaur	Department of Evening Studies	kalakaar sahitak	2021 - 2022	23481609
Krishna Kumar Toor: Kaleem-e-Sukhan	Dr. Ali Abbas	Department of Urdu	Kaleem-e-Sukhan	2021 - 2022	2348-277X
A deep learning-based bilingual Hindi and Punjabi named entity recognition system using enhanced word embeddings	Archana Goyal, Vishal Gupta and Manish Kumar	P.U. Regional Centre, Muktsar	Knowledge-Based Systems	2021 - 2022	0377-2063
Comparitive Effect of micro osteo perforation and photo bio modulation on the rate of maxillary canine retraction: a split mouth randomized clinical trial	Arun Garg, Litesh Singla, Deepak K Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	La clinica terapeutica	2021 - 2022	1972-6007
Persistence and distribution of SARS-CoV-2 in the aerosol and on the surfaces	Krishan K, Kanchan T	Department of Anthropology	La ClinicaTerapeutica	2021 - 2022	printed): 0009-9074 ISSN (epub): 1972-6007
Phenotypic presentation of PCOS with respect to BMI in a north Indian population.	Raminder Kaur, Maninder Kaur, Vanita Suri	Department of Anthropology	La ClinicaTerapeutica	2021 - 2022	ISSN:0009-9074E-ISSN:1972-6007
Variability in human external ear anthropometry – A study from Himachal Pradesh state in North India	Rani D, Krishan K, Sahani R, Baryah N, Kanchan T	Department of Anthropology	La ClinicaTerapeutica	2021 - 2022	printed): 0009-9074 ISSN (epub): 1972-6007
The global burden of cancer attributable to risk factors, 2010-19: a systematic analysis for the Global Burden of Disease Study 2019.	Tran KB, Lang JJ,Krishan K, Force LM, Murray CJL	Department of Anthropology	Lancet.	2021 - 2022	0140-6736

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Comparative soil restoration potential of exotic and native woody plantations on coal mine spoil in a dry tropical environment of India: A case study	Dr. A.N. Singh	Department of Botany	Land Degradation & Development	2021 - 2022	1099-145X
Review of article: Privacy, the shield that protects or the sword that strikes freedom of speech?	Shruti Bedi	University Institute of Legal Studies	Law and Other ThingsBlog	2021 - 2022	na
COVID-19 Safe Clinical Dentistry: Applications of 3D Printing Technologies	Rajni Jain,Prabhjot kaur,Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Lecture Notes in Bioengineering,	2021 - 2022	2195-2728
Age estimation from sternebralfusion in an Indian population – A computed tomographic evaluation	Shedge R, Kanchan T, Garg PK, Dixit SG, Warriar V, Krishan K	Department of Anthropology	Legal Medicine	2021 - 2022	18734162, 13446223
Age estimation using third molar maturation based on Demirjian’s criteria	Kanchan T, Chugh V, Chugh A, Meshram V, Shedge R, Patnana AK, Krishan K	Department of Anthropology	Legal Medicine	2021 - 2022	18734162, 13446223
Applicability of the Calce method for age estimation in an Indian population: Aclinical CT-based study	Warrior V, Shedge R, Garg PK, Dixit SG, Krishan K, Kanchan T	Department of Anthropology	Legal Medicine	2021 - 2022	1344-6223.
Development of Lateral Flow Assay for the Detection of Tamm Horsfall Protein in Urine	Tanvi Sharma, Rakesh Kumar Bijarnia, Tanzeer Kaur	Department of Biophysics	Letters in Applied NanoBioScience	2021 - 2022	2284-6808
Adapting intelligent information services in libraries: a case of smart AI chatbots	Panda, S. & Chakravarty, R.	Department of Library & Information Science	Library Hi Tech News	2021 - 2022	0741-9058
Artificial intelligence (AI) literature in patents: a global landscape	Priyanka, Azad, S. & Chakravarty, R.	Department of Library & Information Science	Library Hi Tech News	2021 - 2022	0741-9058
Mobile app analytics for assessing MOOC platforms: a study of online learners’ sentiments	Kaur, A., Sharma, R., Gulati, S. & Chakravarty, R.	Department of Library & Information Science	Library Hi Tech News	2021 - 2022	0741-9058
Research visualization of Indian LIS research using VOSviewer and Bibliometrix	Gupta,N. & Chakravarty, R.	Department of Library & Information Science	Library Hi Tech News	2021 - 2022	0741-9058
Researcher development models and library research support	Fazal, F.A., & Chakravarty, R.	Department of Library & Information Science	Library Hi Tech News	2021 - 2022	0741-9058
Visual citation navigation of open education resources using Litmaps	Kaur, A., Gulati, S., Sharma, R., Sinhababu, A. and Chakravarty, R.	Department of Library & Information Science	Library Hi Tech News	2021 - 2022	0741-9058
Assessing Symbiosis between Traditional and Virtual Reference Service: An Empirical Study Based on Librarians’ Perception	Atasi Sinhababu and Shiv Kumar	Department of Library & Information Science	Library Philosophy and Practice	2021 - 2022	1522-0222
Connecting the Dots: Relation Mapping using Literature Connector and Network Visualization	Azad, S., Priyanka, Atasi Sinhababu, & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice	2021 - 2022	1522-0222
Constructing Theoretical Framework for Virtual Reference Service: a Technology Acceptance Approach	Atasi Sinhababu and Shiv Kumar	Department of Library & Information Science	Library Philosophy and Practice	2021 - 2022	1522-0222

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Perception and Participation of Faculty Members in Collection Development: A Comparative Study of Five Universities in North India	Prof. Preeti Mahajan & Har Singh	Department of Library & Information Science	Library Philosophy and Practice	2021 - 2022	1522-0222
A scientometric analysis of fifty-one years of research on Knowledge Society (1970-2021)	Gupta, N., Kaur, S. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Analysis of global published literature on Library and Information Science: An empirical study through Big Data approach	Panda, S., Sinhababu, A. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Assessing Q&A trends in scholarly communications: A quantitative study of Researchgate	Panda,S., Kaur, S., Gakhar,S. Kumari,P. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
connecting the dots: Research discovery using network analysis algorithms	Prasad,S., & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Creating community of young readers during Covid-19 lockdown-A comprehensive study of a digital reading platform: Storyweaver	Azad,S. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Extending the open access using extensions:Freeing scholarly communication from the walled garden	Panda,S. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Google Scholar Adoption by LIS Educators in India: An Exploratory Study	Giri, S. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
How far does it go?Understanding efficacy of off-campus remote access services: Use case of Knimbus and MyLOFT	Sharma,R., Kaur, A., Gulati S., Sinhababu, A. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Measuring Patent-Citations of LIS Literature: An analytical study of the Journal Scientometrics	Priyanka & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Online Information Resources for Disaster Management in Libraries and Information Centers	Harpreet Kaur and Preeti Mahajan	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
R. Bibliometric analysis on Information Literacy (2017-2021): a systematic literature review	Islam, Md. N., Azeez, Md. T.B., & Chakravarty	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Role of National Library of India in preservation and promoting reading habit	Kaur, J., & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Science mapping analysis of Digital Humanities research: A scientometrics study	Gupta,N., & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Science mapping and visualization of Research Data Management (RDM): Bibliometric and Scientometric study	Gupta,N., Arora S. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
The adoption of Big Data in selected information institutions in Bangladesh- a study	Islam, Md. N., Islam, Md. M., Chakravarty, R. & Alam, Md. J.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222

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Understanding user perceptive and satisfaction level towards MOOCs: A comparative analysis of Swayam and Coursera	Gulati,S., Sharma,R., Kaur, A. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Users’ sentiment analysis toward National Digital Library of India: A quantitative approach for understanding user perception	Sharma,R., Gulati,S., Kaur, A. & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Visualizing Google Scholar profile of Dr. S.R. Ranganathan using PoP and VOSviewer: A tribute to father of Library Science in India.	Giri,S., Gupta, N., Diksha & Chakravarty, R.	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2021 - 2022	1522-0222
Compendium of Plant-Specific CRISPR Vectors and Their Technical Advantages	Anshu Alok, Hanny Chauhan, Santosh Kumar Upadhyay, Ashutosh Pandey and Kashmir Singh	Department of Biotechnology	Life	2021 - 2022	0098-8472
Insight into the Roles of Proline-Rich Extensin-like Receptor Protein Kinases of Bread Wheat (Triticum aestivum L.)	Shumayla, Venugopal Mendu, Kashmir Singh, Santosh Kumar Upadhyay	Department of Botany	Life	2021 - 2022	NA
PBA rescues hyperoxaluria induced nephrolithiasis by modulating urinary glycoproteins: Cross talk between endoplasmic reticulum, calcium homeostasis and mitochondria	Rishi Bhardwaj, Ankita Bhardwaj, Devinder K Dhawan, Chanderdeep Tandon, Tanzeer Kaur	Department of Biophysics	Life Sciences	2021 - 2022	0346-251X
Amifostine analog, DRDE-30, alleviates radiation induced lung damage by attenuating inflammation and fibrosis	Prof. Rajat Sandhir	Department of Biochemistry	Life Sciences	2021 - 2022	243205
Synergistic anti-cancer action of salicylic acid and cisplatin on HeLa cells elucidated by network pharmacology and in vitro analysis	Sidhu, H. and Capalash, N.,	Department of Biotechnology	Life Sciences	2021 - 2022	243205
The BonpaiIndigenous Cure System of Sowa Rigpa or ‘Science of Healing’ Practices: An Exploratory Study	Mansi Singh, A.K. Sinha and Rajni Lamba	Department of Anthropology	Linguistics and Culture Review	2021 - 2022	2690-103X (online)
Optimization of the use of cellulolytic enzyme preparation for the extraction of health promoting anthocyanins from black carrot using response surface methodology	Manoj Kumar, Anil Dahuja,, Surinder Singh,,,,, Ryszard Amarowicz, John F Kennedy & Mohamed Mekhe	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	LWT	2021 - 2022	ISSN: 0023-6438
Plant-based proteins and their multifaceted industrial applications	Manoj Kumar, Maharishi Tomar,.....Surinder Singh*,, John. F. Kennedy	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	LWT	2021 - 2022	0023-6438

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IMPLICATION OF SLOW FOOD MOVEMENT ON CIRCULAR ECONOMY AND ECONOMIC SUSTAINABILITY	Prashant K. Gautam	University Institute of Hotel and Tourism Management	Manager - The British Journal of Administrative Management	2021 - 2022	2830-2840
Experimental and computational investigation on Polyaniline/Zno nanocomposite for dye adsorption	Shivangi Garg, Komal, Sonal Singhal and Neetu Goel	Department of Chemistry	Material Science and Engineering B	2021 - 2022	0921-5107
Survey of chalcogenide glasses for engineering applications	Manish Dev Sharma	Department of Physics	Material Today Proceedings 45 (2021) 5523-5528	2021 - 2022	2214-7853
Determination of Optimum Machining Parameters for Face Milling Process of Ti6Al4V Metal Matrix Composite	Dr. Shankar Sehgal	University Institute of Engineering & Technology	Materials	2021 - 2022	1996-1944
In-vivo models for toxicity screening of nanohazards: opportunities and challenges	J Kaur, H Singh, N K Gupta, M Khatri, S Puri	University Institute of Engineering & Technology	Materials and International	2021 - 2022	2668-5728
Development and investigation of the magnetorheological abrasive finishing (MRAF) system to nano-finish exterior cylindrical surfaces	Vikas Kumar , Rajesh Kumar and Harmesh Kumar	University Institute of Engineering & Technology	Materials and Manufacturing Processes	2021 - 2022	1042-6914
Characterizing the defects and ferromagnetism in metal oxides: The case of magnesium oxide	Shaffy Garg, Sanjeev Gautam, Jitendra Pal Singh, Kandasami Asokan, Navdeep Goyal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Characterization	2021 - 2022	1044-5803
Assessing the structural and interaction behaviour of Pr@Gd2O3 nanoparticles with biological entities	Sushil Kumar, Savita Chaudhary, Ganga Ram Chaudhary	Department of Chemistry	Materials Chemistry and Physics	2021 - 2022	0254-0584
Efficient adsorption of methylene blue on hybrid structural phase of MoO3 nanostructures	Naresh Kumar, Rajesh Kumar	Department of Physics	Materials Chemistry and Physics	2021 - 2022	0254-0584
DFT based comparative study of pristine gCN and gCN-ZnO composite as a sensor for CO and CO2 gases	J. K. Goswamy	University Institute of Engineering & Technology	Materials Letter	2021 - 2022	0167-577X
Boric-acid-functionalized luminescent sensor for detection of chromate ions in aqueous solution	S Jain , M Nehra, N Dilbaghi, R Kumar, S Kumar,	University Institute of Engineering & Technology	Materials Letters	2021 - 2022	0167-577X
Hydrogen sulfide gas sensor using osmium doped graphene nanoribbon: An insights from DFT study	Ramesh K Sharma et al	University Centre of Instrumentation and Micro-Electronics	Materials Letters	2021 - 2022	ISSN: 0167-577X
Ion-implantation and photovoltaics efficiency: A review	Mandeep Kaur, Sanjeev Gautam, Navdeep Goyal	Department of Physics	Materials Letters	2021 - 2022	0167-577X
Microstructure and biocompatibility of biphasic ceramic (HA/ β -TCP) from scales of fresh water fish common carp (Cyprinus carpio)	DR. RAVNEET KAUR	Department of Zoology	Materials Letters	2021 - 2022	0167-577X / 1873-4979

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Trends in point-of-care optical biosensors for antibiotics detection in aqueous media	Monika Nehra, Kanika, Neeraj Dilbaghi, Rajesh Kumar, Sandeep Kumar	University Institute of Engineering & Technology	Materials Letters	2021 - 2022	0167-577X
Effect of Ranque-Hilsch Vortex Tube Cooling to Enhance the Surface-Topography and Tool-Wearin Sustainable Turning of Al-5.6Zn-2.5Mg-1.6Cu-0.23Cr-T6 Aerospace Alloy	Dr.Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Materials MDPI	2021 - 2022	1996-1944
Optimization of thermoelectric power factor of (013)-oriented Ag2Se films via thermal annealing	Silky Jindal, Sukhdeep Singh, G.S.S. Saini and S.K. Tripathi	Department of Physics	Materials Research Bulletin	2021 - 2022	0025-5408
State of the art review on the sustainable dry machining of advanced materials for multifaceted engineering applications: progressive advancements and directions for future prospects	Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Materials Research Express	2021 - 2022	2053-1591
Characterization of silver nano-particles synthesized using fenugreek leave extract and its antibacterial activity	Ghoshal, G., Singh, M.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Science for Energy Technologies,	2021 - 2022	2589-2991 ISSN
Biosensors for simplistic detection of pathogenic bacteria: A review with special focus on field-effect transistors	Sharmistha Samota, Reetu Rani, Suvankar Chakraverty, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Science in Semiconductor Processing	2021 - 2022	13698001
Adsorption chemistry of co-doped graphene nanoribbon and its derivatives towards carbon based gases for gas sensing applications: Quantum DFT investigation	Ramesh K Sharma et al	University Centre of Instrumentation and Micro-Electronics	Materials Science in Semiconductor Processing, (146)106670	2021 - 2022	ISSN 1369-8001
Drug delivery of paracetamol by metal-organic frameworks (HKUST-1): Improvised synthesis and investigations	S Gautam, J Singhal, HK Lee, KH Chae	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Today Chemistry	2021 - 2022	1369-7021
Yellow emissive carbon dots in ludox silica matrix with anticancer activity for enhanced imaging of developed sweat latent fingerprints	Vishal Sharma	Institute of Forensic Science & Criminology	Materials Today Chemistry	2021 - 2022	nA
Green-monodispersed Pd-nanoparticles for improved mitigation of pathogens and environmental pollutant	Prabjot Singh, Navneet Kaur, Anjali Khunger, Gurpreet Kaur, Sandeep Kumar, Ajeet Kaushik	Department of Chemistry	Materials Today Communications	2021 - 2022	2352-4928
Immobilization of lacasse on chitosan-clay composite beads to improve its catalytic efficiency to degrade industrial dyes	S Mehandia, SC Shrama, SK Arya	University Institute of Engineering & Technology	Materials Today Communications	2021 - 2022	1369-7021

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High thermoelectric performance in cubic inorganic halide perovskite material AgCdX ₃ (X = F and Cl) from first principles	Janpreet Sidhu, Harpreet Kaur, Gurinder Singh& S.K.. Tripathi	Department of Physics	Materials Today Energy	2021 - 2022	2468-6069
Density Fluctuations in Liquid Potassium	Jyoti Sood	University Institute of Engineering & Technology	Materials Today Proceedings	2021 - 2022	ISSN: 2214-7853
Converting fruit waste into carbon dots for bioimaging applications	P. Kaur and G. Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Today Sustainability	2021 - 2022	2589-2347
Early-stage prediction of glaucoma disease to reduce surgical requirements using deep-learning	Niharika Thakur, MamtaJuneja	University Institute of Engineering & Technology	Materials Today: Proceedings	2021 - 2022	issn
Effect of particle size on enhancement of biogas production from crop residue	Maninder Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Today: Proceedings	2021 - 2022	2214-7853
Electrochemical behavior of nickel cobalt oxide micro-flowers in different electrolytic systems	Poonam Siwatch, Kriti Sharma and S.K. Tripathi1	Department of Physics	Materials Today: Proceedings	2021 - 2022	2214-7853
In vitro analysis of SiO ₂ - MgO -P ₂ O ₅ - CaO bioactive material for bone regeneration applications	Pardeep Kaur , K.J. Singh , Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	Materials Today: Proceedings	2021 - 2022	2214-7853
Nanomaterial loaded chitosan nanocomposite films for antimicrobial food packaging	J Kaur, K Sood, N Bhardwaj, SK Arya, M Khatri	University Institute of Engineering & Technology	Materials Today: proceedings	2021 - 2022	2214-7853
Rapid prototyping of orthopedic implant materials for cranio-facial reconstruction: A Survey	Piyush Kumar Mallya, MamtaJuneja	University Institute of Engineering & Technology	Materials Today: Proceedings	2021 - 2022	issn
Metal organic frameworks as versatile platforms for wastewater remediation	Manish Dev Sharma	Department of Physics	Materials Today: Proceedings Volume 57, Part 2, 2022, Pages 846-850	2021 - 2022	22147853
effect of cellulose fibre based insulation on thermal performance of buildings	Mr.Ravinder K Paul	P.U. S.S. Giri Regional Centre, Hoshiarpur	Materials Today:Proceedings	2021 - 2022	2214-7853
Natural Prokaryotic Antimicrobial Peptide coated Titanium discs preventStaphylococcus aureus growth and biofilm formation –Implications on pre-implant Infections	Vishakha Grover, Manjula Mehta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Materials Today; Proceedings	2021 - 2022	2214-7853
Synthetic short peptides (SSPs) as antibiofilm agents for dental material applications.	Vishakha Grover, Manjula Mehta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Materials Today; Proceedings	2021 - 2022	2214-7853
Maharishi Journal of Law and Society	Dr. Bharat (1st author)	University Institute of Legal Studies	Media Trial: An Anti- Thesis to Fair Trial	2021 - 2022	2581-8007
Aprepitant as Plausible Inhibitor of MAPK/ERK2 Pathway to ameliorate Neurological Deficits post Traumatic Brain Injury	PriyaBadyal,HarnoorKaur,NeelimaDhingra,RanjanaBhandari,AnuragKuhad	University Institute of Pharmaceutical Sciences	Medical Hypotheses	2021 - 2022	0306-9877

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A Longitudinal Study on Respiratory Morbidity due to Air Pollution in an Industrial Town Mandi Gobindgarh, Punjab, India	Dr. Savita Prashar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Medical Reports and Case Studies	2021 - 2022	2572-5130
Age related changes in the hyoid bone: an autopsy based radiological analysis	Jadav D, Shedge R, Kanchan T, Meshram V, Garg PK, Krishan K	Department of Anthropology	Medicine Science and the Law-The journal of British Academy of Forensic Science	2021 - 2022	0025-8024
McKern-Stewart method as a technique for analysing age related pubic symphyseal changes: A Systematic Review and Meta-analysis	Warrier V, Shedge R, Krishan K, Kanchan T	Department of Anthropology	Medicine Science and the Law-The journal of British Academy of Forensic Science	2021 - 2022	0025-8024
Is the cognitive performance of women sensitive to the severity of menopausal symptoms.	Mankamal Kaur and Maninder Kaur	Department of Anthropology	Menopause	2021 - 2022	1072-3714 / 1530-0374
The New Normal Blended Mode of Teaching and Learning in the Era of Covid-19	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	MERI, Journal of Education, Vol. XVII, No. 01, April 2022, pp 86-95	2021 - 2022	0974-2085
Exploring nordihydroguaretic acid (NDGA) as a plausible neurotherapeutic in the experimental paradigm of autism spectrum disorders targeting nitric oxide pathway	Rishab Mehta, Ranjana Bhandari, Anurag Kuhad	University Institute of Pharmaceutical Sciences	Metabolic Brain Disease	2021 - 2022	1573-7365
Impaired mitochondrial functions and energy metabolism in MPTP-induced Parkinson's disease: comparison of mice strains and dose regimens	Prof. Rajat Sandhir	Department of Biochemistry	Metabolic Brain Disease	2021 - 2022	8857490
Neurobehavioral alterations in a mouse model of chronic partial sleep deprivation	Arora S, Dharavath RN , Bansal Y , Bishnoi M , Kondepudi KK , Chopra K	University Institute of Pharmaceutical Sciences	Metabolic Brain Disease	2021 - 2022	0885-7490
Probiotic Research in Therapeutics	Kaur Chopra K, Bishnoi M, Kondepudi KK (Eds)	University Institute of Pharmaceutical Sciences	Metabolic Disease & Gut Bacteria	2021 - 2022	9789811582141, 9811582149
High-Temperature Corrosion Performance of FeAl-Based Alloys Containing Carbon in Molten Salt	Dr. Shankar Sehgal	University Institute of Engineering & Technology	Metals	2021 - 2022	2075-4701
Potential genes associated with survival of Acinetobacter baumannii under ciprofloxacin stress.	Kashyap, S., Sharma, P. and Capalash, N.	Department of Biotechnology	Microbes and Infection	2021 - 2022	1286-4579
Repurposing phytochemicals as anti-virulent agents to attenuate quorum sensing-regulated virulence factors and biofilm formation in Pseudomonas aeruginosa	Jatin Chadha,Kusum Harjai,Sanjay Chhibber	Department of Microbiology	Microbial Biotechnology	2021 - 2022	1751-7915
Contribution of typhoid toxin in the pathogenesis of	Reena Thakur, Chander Raman Suri, Praveen Rishi	Department of Microbiology	Microbial Pathogenesis	2021 - 2022	0882-4010

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Time Series Analysis of SARS-CoV-2 Genomes and Correlations among Highly Prevalent Mutations	N Periwal, SB. Rathod, S Sarma, ..., Ravi P. Barnwal, K R. Srivastava, B Kaur, P Arora, Vikas Sood	Department of Biophysics	Microbiology Spectrum	2021 - 2022	2165-0497
A derivatization-based densitometric method for simultaneous estimation of artemether and lumefantrine: Method development, validation and applications	Kaur R, Katare OP, Singh G, Mohan V, Saini S, Singh B. A	University Institute of Pharmaceutical Sciences	Microchemical Journal	2021 - 2022	0026265X
Forensic analysis of cigarette ash using ATR-FTIR spectroscopy and chemometric methods	Vishal Sharma	Institute of Forensic Science & Criminology	Microchemical Journal	2021 - 2022	na
Metal organic framework as turn-on fluorescent sensor for Zr(IV) ions and selective adsorbent for organic dyes	Kirandeep, A. Kumar, A. Sharma, SC Sahoo., E. Zangrando , V. Saini, Ramesh Kataria, SK Mehta	Department of Chemistry	Microchemical Journal	2021 - 2022	0026265X
A derivatization-based densitometric method for simultaneous estimation of artemether and lumefantrine: Method development, validation and applications.	Kaur, R., Katare, O.P., Singh, G., Mohan, V., Saini, S. and Singh, B.,	University Institute of Pharmaceutical Sciences	Microchemical Journal,	2021 - 2022	0026-265X
2-(Anthracen-9-yl)benzothiazole–modified graphene oxide–nickel ferrite nanocomposite for anodic stripping voltammetric detection of heavy metal ions	Jyoti, Ranjeet Kaur, Komal, Renu, Parkash Singh, Navneet Kaur, Shweta Rana & Sonal Singhal	Department of Chemistry	Microchimica Acta	2021 - 2022	0026-3672 (print); 1436-5073 (web)
Ultrastructural studies of photoreceptor cell degeneration with organophosphate and its regeneration in Cyprinus carpio communis L.	DR. RAVNEET KAUR	Department of Zoology	Micron	2021 - 2022	0968-4328 / 1878-4291
Literature Review of Omicron: A Grim Reality	Vishakha Grover,Rajni Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Microorganisms 2022,Journal :451, 3-7	2021 - 2022	2076 2607
Voltammetric detection of vitamin D employing Au-MoS2 hybrid as immunosensing platform	Dr, Nirmal Prabhakar	Department of Biochemistry	Mikrochimica Acta	2021 - 2022	00263672,1436-5073
Household Expenditure on Secondary Education in Haryana (India): Levels, Patterns and Determinants	Dr. Angrej Singh Gill	P.U. Rural Centre, Kauni, Muktsar	Millennial Asia	2021 - 2022	NA
Environmental Stability of Schwertmannite: A Review	Paikaray S.	Department of Geology	Mine Water & the Environment	2021 - 2022	10259112
Mineralogy of the Marepalli lamproite dyke from the Nalgonda district, Telangana, Southern India	Jaspreet Saini1, Parminder Kaur1, Roger H. Mitchell2 and Gurmeet Kaur1	Department of Geology	Mineralogical Magazine	2021 - 2022	9.78111E+11

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Methyl-linked Pyrazoles: Synthetic and Medicinal Perspective	Tulika Sharma, Joginder Singh, Bijender Singh, Ramesh Kataria, Vinod Kumar	Department of Chemistry	Mini Reviews in Medicinal Chemistry	2021 - 2022	1389-5575 (print); 1875-5607 (web)
Estimation of stress-strength reliability for Dagum distribution based on progressive type-II censored sample in Model Assisted Statistics and Applications	Ritu Kumari, ,Sangeeta Arora, Kalpana K. Mahajan	Department of Statistics	Model Assisted Statistics and Applications	2021 - 2022	
Patronization of Theravada Buddhism as Reflected in Mahavamsa	Padma Lahmo (Research Scholar)	Department of History	Modern Thamizh Research	2021 - 2022	2321-984X
Environment dependent expression of Mycobacterium hormone sensitive lipases: expression pattern under ex-vivo and in-vitro stress conditions in mycobacterium tuberculosis H37Ra	Stuti Arya, Parul Singh, Jashandeep Kaur, Arbind Kumar, Jagdeep Kaur	Department of Biotechnology	Molecular Biology Reports	2021 - 2022	1573-4978
Blood Brain Barrier: Emerging Trends on Transport Models and new-age Strategies for therapeutics Intervention against neurological disorders.	HK Alajangi, M Kaur, A Sharma, S Rana, S Thakur, M Chatterjee, N Singla, .. G Singh, RP Barnwal	Department of Biophysics	Molecular Brain	2021 - 2022	1756-6606
Blood–brain barrier: emerging trends on transport models and new-age strategies for therapeutics intervention against neurological disorders	Hema Kumari Alajangi, Mandeep Kaur, Akanksha Sharma, Sumedh Rana, Shipali Thakur, Mary Chatterjee,Ne	University Institute of Engineering & Technology	Molecular Brain	2021 - 2022	1756-6606
Blood–brain barrier: emerging trends on transport models and new-age strategies for therapeutics intervention against neurological disorders.	Alajangi HK, Kaur M, Sharma A, Rana S, Thakur S, Chatterjee M, Singla N, Jaiswal PK, Singh G, Barnwa	University Institute of Pharmaceutical Sciences	Molecular Brain	2021 - 2022	1756-6606
Unraveling the molecular mechanism of l-menthol against cervical cancer based on network pharmacology, molecular docking and in vitro analysis.	Sidhu, H., Gautam, L.K. and Capalash, N.	Department of Biotechnology	Molecular Diversity	2021 - 2022	1381-1991
Bio-Derived Fluorescent Carbon Dots: Synthesis, Properties and Applications	M. Kumari, G.R. Chaudhary, Savita Chaudhary*, A. Umar, S. Akbar, S. Bakastous	Department of Chemistry	Molecules	2021 - 2022	ISSN: 1420-3049
Parthenin—a sesquiterpene lactone with multifaceted biological activities: Insights and prospects	Kaur, A., Kaur, S., Jandrotia, R., Singh, H. P., Kohli, R. K., Rana, V.S., Shakil,	Department of Botany	Molecules	2021 - 2022	14203049
A comprehensive survey of image and video forgery techniques: variants, challenges, and future directions	Nabi ST, Kumar M, Singh P, Aggarwal N, Kumar K	University Institute of Engineering & Technology	Multimedia Systems., , 939–992 , 2022	2021 - 2022	issn

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An efficient approach for copy-move image forgery detection using convolution neural network	Krishan Kumar	University Institute of Engineering & Technology	Multimedia Tools and Applications	2021 - 2022	
COVID-19: Social distancing monitoring using faster-RCNN and YOLOv3 algorithms	Krishan Kumar	University Institute of Engineering & Technology	Multimedia Tools and Applications	2021 - 2022	
Methods for automatic generation of radiological reports of chest radiographs: a comprehensive survey	Navdeep Kaur, Ajay Mittal, Gurprem Singh	University Institute of Engineering & Technology	Multimedia Tools and Applications	2021 - 2022	issn
Unveiling digital image forgeries using Markov based quaternions in frequency domain and fusion of machine learning algorithms	Krishan Kumar	University Institute of Engineering & Technology	Multimedia Tools and Applications	2021 - 2022	
A novel framework for multiclass supervised classification of location-sensitive events	Monika Rani, Sakshi Kaushal	University Institute of Engineering & Technology	Multimedia Tools and Applications, pp. 1-26 IF 2.75	2021 - 2022	issn
Deep learning-based extractive text summarization with word-level attention mechanism	Mahak Gambhir and Vishal Gupta	University Institute of Engineering & Technology	Multimedia Tools and Applications, Springer	2021 - 2022	issn
Role of twitter user profile features in retweet prediction for big data streams	Saurabh Sharma and Vishal Gupta	University Institute of Engineering & Technology	Multimedia Tools and Applications, Springer,	2021 - 2022	1380-7501
Arbuscular mycorrhizae and silicon alleviate arsenic toxicity by enhancing soil nutrient availability, starch degradation and productivity in Cajanus cajan (L.) Millsp.	Prof. Neera Garg	Department of Botany	Mycorrhiza, 31(6), 735-754	2021 - 2022	0940-6360
Probing into crystallography and morphology properties of MoS2 nanoflowers synthesized via temperature dependent hydrothermal method	Rajesh Kumar et al.	Department of Physics	Nano Express	2021 - 2022	2632-959X
Sbdoped titanium dioxide nanoparticles: Its synthesis, characterization and antimicrobial application.	Nashna Thakur, Neeraj Dhiman, Seema Kumari, Shashi Kanta and Nidhi Sharotri.	Department of Microbiology	Nanotechnology for Environmental Engineering	2021 - 2022	2365-6387
Coconut Carbon Dots: Progressive Large-Scale Synthesis, Detailed Biological Activities and Smart Sensing Aptitudes towards Tyrosine	Pooja Chauhan, Deepa Mundekka, Amitava Mukherjee, Savita Chaudhary, A. Umar, S. Baskoutas	Department of Chemistry	Naomaterials	2021 - 2022	1687-4129
Efficacy Of Traditional Indian Herbal Plants In Asthma Prevention : A Mini Review	Prashant K. Gautam,Mr. Jaswinder Singh	University Institute of Hotel and Tourism Management	Nat. Volatiles & Essent. Oils	2021 - 2022	1186-1190
Effect of Infill Density on the Performance of Recycled PET-Based 3D Printed Microstrip Antenna	Rupinder Singh, Bhanu Pratap Singh, Amrinder Pal Singh, Sanjeev Kumar, Yang Wei	University Institute of Engineering & Technology	National Academy Science Letters	2021 - 2022	0250-541X / 2250-1754

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Implementation of logistic regression on diabetic dataset using train test split,k fold and stratified k fold approach	Meenu Bhagat	P.U. S.S. Giri Regional Centre, Hoshiarpur	national academy science letters	2021 - 2022	---
The Moving Moorings of Migrants: Rights and Justice in India	Shruti Bedi & BhaviKapur	University Institute of Legal Studies	National Law University Odisha Law Journal, Vol. VIII, 2021, pp. 75-91.	2021 - 2022	na
Direct observation of the dead-cone effect in quantum chromodynamics	Dr. lokesh kumar et al	Department of Physics	Nature 605 (2022) 7910, 440-446	2021 - 2022	
Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000–2018	Bhattacharjee NV, Schaeffer LE,...Krishan K,...Hay SI	Department of Anthropology	Nature Human Behaviour	2021 - 2022	2397-3374
Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018	Kinyoki, D., Osgood-Zimmerman, A.E., Bhattacharjee, N.V. ...Krishan K,... Kassebaum NJ, Hay	Department of Anthropology	Nature Medicine	2021 - 2022	1761–1782
Peristylus fallax Lindl. (Orchidaceae) - a new record for the orchid flora of Himachal Pradesh, India	Prof. Promila Pathak and Pratibha Jaryal	Department of Botany	Nelumbo	2021 - 2022	0976-5069
A deep learning-based integrative model for survival time prediction of head and neck squamous cell carcinoma patients	Neelam Goel	University Institute of Engineering & Technology	Neural Computing and Applications	2021 - 2022	433-3058
Design of innovative CAPTCHA for Hindi language, Neural Computing and Applications	Mohinder Kumar, M. K Jindal and Munish Kumar	P.U. Regional Centre, Muktsar	Neural Computing and Applications	2021 - 2022	1433-3058
Tetramethylpyrazine Attenuates Cognitive Impairment Via Suppressing Oxidative Stress, Neuroinflammation, and Apoptosis in Type 2 Diabetic Rats	Dhaliwal J , Dhaliwal N , Akhtar A, A, Chopra K	University Institute of Pharmaceutical Sciences	Neurochem Res	2021 - 2022	0364-3190
Kynurenine monooxygenase inhibition and associated reduced quinolinic acid reverses depression-like behaviour by upregulating Nrf2/ARE pathway in mouse model of depression: In-vivo and In-silico studies	Yashika Bansal, Raghunath Singh, Rupinder Kaur Sodhi, Pragyanshu Khare, Richa Dhingra, Neelima Dh	University Institute of Pharmaceutical Sciences	Neuropharmacology	2021 - 2022	0028-3908
IDO-1 inhibition protects against neuroinflammation, oxidative stress and mitochondrial dysfunction in 6-OHDA induced murine model of Parkinson’s disease.	Sodhi RK, Bansal Y, Singh R, Saroj P, Bhandari R, Kumar B, Kuhad A.	University Institute of Pharmaceutical Sciences	Neurotoxicology	2021 - 2022	0161-813X
Neuroprotective effects of carbenoxolone against amyloid-beta 1-42 oligomer-induced neuroinflammation and cognitive decline in rats.	Sheetal Sharma, Avneet Saini, Bimla Nehru	Department of Biophysics	Neurotoxicology	2021 - 2022	0161-813X

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An Approach to Incorporate Textual Reviews in Book Recommender System	Anil Kumar, Sonal Chawla	Department of Computer Science & Applications	New Frontiers in Communication and Intelligent Systems	2021 - 2022	978-81-95502-00-4
Incorporation of the poorly soluble drug cefixime inside the micellar core of conventional and gemini surfactants	Shweta Sharma	Institute of Forensic Science & Criminology	New Journal of Chemistry	2021 - 2022	NA
Terephthalaldehyde as a good crosslinking agent in crosslinked chitosan hydrogel for the selective removal of anionic dyes	Bharat Bajaj	Centre for Nanoscience and Nanotechnology	New Journal of Chemistry	2021 - 2022	11440546, 13699261
Water stable fluorescent organotin (IV) compounds: aggregation induced emission enhancement and recognition of lead ions in an aqueous system.	Kaur, K., Singh, R., Kaur, V. and Capalash, N.	Department of Biotechnology	New Journal of Chemistry	2021 - 2022	1144-0546
S-nitrosoglutathione alleviates hyperglycemia-induced neurobehavioral deficits involving nitro-oxidative stress and aberrant monaminergic system	Prof. Rajat Sandhir	Department of Biochemistry	Nitric Oxide - Biology and Chemistry	2021 - 2022	10898603
DIVERSITY PRACTICES AND TURNOVER INTENTION – WORKPLACE INCLUSION AS MEDIATOR	Prof. (Dr.) Sanjay Kaushik & Manveen Kaur	University Business School	NIU International Journal of Human Rights	2021 - 2022	2394 – 0298
STATUS OF WOMEN PRISONERS AND THEIR CHILDREN : A STUDY OF CENTRAL PRISON OF HARYANA	Sunil Kumar, Dr. Karan Jawanda, and Dr. Amita Verma	University Institute of Legal Studies	NIU International Journal of Human Rights	2021 - 2022	ISBN 2394 – 0298 Volume 9(V), 2022 UGC care list
Long Non-Coding RNAs as Emerging Regulators of Pathogen Response in Plants	Neetu Goyal , Garima Bhatia , Naina Garewal , Anuradha Upadhyay and Kashmir Singh	Department of Biotechnology	Non Coding RNA	2021 - 2022	2311-553X
Strategies and performance of the CMS silicon tracker alignment during LHC Run 2	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment	2021 - 2022	
Comparative analysis of nucleonic flows for isospin degree of freedom	Rajat Rana, Sakshi Gautam, Rajeev K. Puri	Department of Physics	Nuclear Physics A 1016, 122324 (2021)	2021 - 2022	0375-9474
Measurements of evaporation residue cross-sections for $^{48}\text{Ti} + ^{140,142}\text{Ce}$ reactions	Devinder Pal Kaur , B.R. Behera	Department of Physics	Nuclear Physics A 1019 (2022) 122384	2021 - 2022	0375-9474
Further insights of free and bound particles in the fragmentation of symmetric and asymmetric collisions	Sakshi Sharma and Sakshi Gautam	Department of Physics	Nuclear Physics A 1022, 122430 (2022)	2021 - 2022	0375-9474

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Biosynthesis of Zinc Oxide Nanoparticles Using Catharanthus roseus Leaves and Their Therapeutic Response in Breast Cancer	☞ Apoorva Bangroo, Akshay Malhotra, Uttam Sharma, Akank Jain & Anupreet Kaur	University Institute of Engineering & Technology	Nutrition and Cancer	2021 - 2022	0163-5581
Neuroprotective effect of standardized extracts of three Lactuca sativa Linn. varieties against 3-NP induced Huntington's disease like symptoms in rats	Jai Malik, Supreet Kaur, Maninder Karan & Sunayna Choudhary	University Institute of Pharmaceutical Sciences	Nutritional Neuroscience	2021 - 2022	ISSN No 1028-415X
Neuroprotective effect of standardized extracts of three Lactuca sativa Linn. varieties against 3-NP induced Huntington's disease like symptoms in rats.	Malik J, Kaur S, Karan M, Choudhary S.	University Institute of Pharmaceutical Sciences	Nutritional Neuroscience	2021 - 2022	ISSN. 1028-415X
Health Benefits Of Traditional Kitchen Utensils Composed Of Brass, Copper And Iron Using In Kitchen	mr. Jaswinder Singh	University Institute of Hotel and Tourism Management	NVEO - Natural Volatiles & Essential Oils	2021 - 2022	2148-9637
Obstructive Sleep Apnea- Current Treatment Strategies	Arun K. Garg, Deepak K. Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Obstructive Sleep Apnea- Current Treatment Strategies	2021 - 2022	ISBN: 978-620-0-22222-0
Family Elements Associated with Learning Disabilities of Children: A Review	Dr.Md Saifur Rahman	Department of Community Education & Disability Studies	Online International Interdisciplinary Research Journal, {Bi-Monthly},	2021 - 2022	2249-9598
Assessment of Manual Lifting Tasks in Terms of Biomechanical and Metabolic Responses in Young Indian Adults: A Pilot Study.	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Op Acc J Bio Sci & Res	2021 - 2022	--
Desert sparrow optimization algorithm for the bicriteria flow shop scheduling problem with sequence- independent setup time	Manisha Sharma	Department of Mathematics	Operational Research International Journal	2021 - 2022	0030-364
Effect of shadowing and background radiation on optical OQAM-FBMC based visible light communication system	Sanjeev Kumar, Preeti Singh	University Institute of Engineering & Technology	Optical and Quantum Electronics	2021 - 2022	0306-8919
A novel compound-based loss function for glioma segmentation with deep learning.	R Malhotra, BS Saini, S Gupta	University Institute of Engineering & Technology	Optik	2021 - 2022	issn
A novel technique for energy replenishment and load balancing in wireless sensor networks	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	Optik	2021 - 2022	0030-4026
Mitigation of Scintillation effects in WDM-FSO system using Homodyne detection	Neha Rani, Preeti Singh, Pardeep Kaur	University Institute of Engineering & Technology	Optik	2021 - 2022	0030-4026
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Carica papaya L. Leaves: Deciphering Its Antioxidant Bioactives, Biological Activities, Innovative Products, and Safety Aspects, Oxidative Medicine and Cellular Longevity	AnshuSharma,...Manoj Kumar,Surinder Singh,Mohamed Mekhemar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Oxid Med Cell Longev.	2021 - 2022	1942-0900
A new window to the fossil herpetofauna of India: amphibians and snakes from the Miocene localities of Kutch (Gujarat)	Ningthoujam Premjit Singh, Rajeev Patnaik, Andrej Čerňanský, K Milankumar Sharma, Nongmaithem Amarda	Department of Geology	Palaeobiodiversity and Palaeoenvironments	2021 - 2022	1867-1594
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Reflection of livelihood issues across Hindi literature	Prof. Yojna Rawat	University School of Open Learning	Panjab University Research Journal (Arts) Volume XLIX No 1	2021 - 2022	ISSN 0970-5260
Composite Culture, Census operations and Communal Consciousness in the Colonial Punjab	Dr. Jasbir Singh	Department of History	Panjab University Research Journal Social Sciences	2021 - 2022	0251-348X
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INSIGHTS INTO MUSHROOM POLYSACCHARIDE AND THEIR POTENTIAL APPLICATIONS	Navdha Sharma, Ekta Chaudhary, Harpreet Kaur, Aruna Parmar, M . Kaur, D. K Sharma, Deepak K Rahi	Department of Microbiology	Panjab University research journal. Science	2021 - 2022	0555-7631
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Morphological and Molecular Characterization of a New Myxozoan, Myxobolus grassi sp. nov. (Myxosporea), Infecting the Grass Carp, Ctenopharyngodon idella in the Gomti River, India	Naireen Fariya, Harpreet Kaur, Mahender Singh , Rehana Abidi 1, Mansour El-Matbouli 4, Gokhlesh	Department of Zoology	PATHOGENS	2021 - 2022	2076-0817
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Microplastics in soil: Impacts and microbial diversity and degradation	Paramdeep Kaur, Kashmir Singh and Baljinder Singh	Department of Biotechnology	Pedosphere	2021 - 2022	1002-0160
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Berberine affords protection against oxidative stress and apoptotic damage in F1 generation of wistar rats following lactational exposure to chlorpyrifos	Seth, Era, Aitizaz Ul Ahsan, Surbhi Kaushal, Sweety Mehra, and Mani Chopra	Department of Zoology	Pesticide Biochemistry and Physiology	2021 - 2022	0048-3575
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$\alpha 7$ nAChR activation protects against oxidative stress, neuroinflammation and central insulin resistance in ICV-STZ induced sporadic Alzheimer's disease	Yamini P, Ray RS, Yadav S, Dhaliwal J, Yadav M, Kondepudi KK, Chopra K	University Institute of Pharmaceutical Sciences	Pharmacology Biochemistry and Behavior	2021 - 2022	0091-3057
Structural transition and thermo-physical study of quaternary (Se 80 Te 20) 94- x Ge 6 Pb x (0 $\leq$ x $\leq$ 12) alloys	Priyanka Vashist, Balbir Patial, Suresh Bhardwaj, S.K. Tripathi & Nagesh Thakur	Department of Physics	Phase Transitions	2021 - 2022	0141-1594

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Measurement of differential $t\bar{t}$ production cross sections in the full kinematic range using lepton+jets events from proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys. Rev. D	2021 - 2022	00 092013
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Precision measurement of the W boson decay branching fractions in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys. Rev. D	2021 - 2022	
Search for invisible decays of the Higgs boson produced via vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys. Rev. D	2021 - 2022	
Search for resonances decaying to three W bosons in the hadronic final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys. Rev. D	2021 - 2022	
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Search for lepton-flavor violating decays of the Higgs boson in the $\mu\tau\mu\tau$ and $e\tau e\tau$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Phys. Rev. D 104, 032013	2021 - 2022	
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Measurements of 3ΛH and 4ΛH Lifetimes and Yields in Au+Au Collisions in the High Baryon Density Region	Dr. lokesh kumar et al	Department of Physics	Phys. Rev. Lett. 128, 202301 (2022)	2021 - 2022	
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Measurement of cold nuclear matter effects for inclusive J/ψ in p+Au collisions at $\sqrt{s_{NN}}=200$ GeV	Dr. lokesh kumar et al	Department of Physics	Phys.Lett.B 825 (2022) 136865	2021 - 2022	0370-2693
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Search for the chiral magnetic effect with isobar collisions at $\sqrt{s_{NN}}=200$ GeV by the STAR Collaboration at the BNL Relativistic Heavy Ion Collider	Dr. lokesh kumar et al	Department of Physics	Phys.Rev.C 105 (2022) 1, 014901	2021 - 2022	24699985, 24699993
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Measurement of $W\pm\gamma^*p\rightarrow\gamma$ differential cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV and effective field theory constraints	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Phys.Rev.D	2021 - 2022	
Constraints on anomalous Higgs boson couplings to vector bosons and fermions in its production and decay using the four-lepton final state	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Phys.Rev.D 104 (2021) 5	2021 - 2022	
Search for long-lived particles decaying to jets with displaced vertices in proton-proton collisions at $\sqrt{s}=13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Phys.Rev.D 104 (2021) 5	2021 - 2022	
Search for top squark production in fully-hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Phys.Rev.D 104 (2021) 5, 052001	2021 - 2022	
Measurement of inclusive electrons from open heavy-flavor hadron decays in p+p collisions= 200 GeV with the STAR detector	Dr. lokesh kumar et al	Department of Physics	Phys.Rev.D 105 (2022) 3, 032007	2021 - 2022	
Longitudinal double-spin asymmetry for inclusive jet and dijet production in polarized proton collisions at $\sqrt{s}=510$ GeV	Dr. lokesh kumar et al	Department of Physics	Phys.Rev.D 105 (2022) 9, 092011	2021 - 2022	2110.1102
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g Z Boson Events to Study Parton-Medium Interactions in Pb-Pb Collisions	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Phys.Rev.Lett. 128 (2022) 12, 122301	2021 - 2022	2103.04377
Probing the Gluonic Structure of the Deuteron with $J/\psi/\psi$ Photoproduction in d+Au Ultraperipheral Collisions	Dr. lokesh kumar et al	Department of Physics	Phys.Rev.Lett. 128 (2022) 12, 122303	2021 - 2022	122303
Measurements of Proton High Order Cumulants in $\sqrt{s_{NN}} = 3$ GeV Au+Au Collisions and Implications for the QCD Critical Point	Dr. lokesh kumar et al	Department of Physics	Phys.Rev.Lett. 128 (2022) 20, 202303	2021 - 2022	

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Evidence for X(3872) in Pb-Pb Collisions and Studies of its Prompt Production at sNNsqr {s_{NN}}sNN =5.02 TeV	Vipin Bhatnagar, S.Chauhan et al	Department of Physics	Phys.Rev.Lett. 128 (2022) 3, 032001	2021 - 2022	
Adsorption study of pristine and manganese doped graphene nanoribbon for effective methane gas sensing-A DFT study	Ramesh K Sharma et al	University Centre of Instrumentation and Micro-Electronics	Physica B: Condensed Matter	2021 - 2022	ISSN: 0921-4526
Adsorption study of pristine & manganese doped graphene nanoribbon for effective methane gas sensing - A DFT study	Ramesh K Sharma et. al	University Centre of Instrumentation and Micro-Electronics	Physica B: Condensed Matter	2021 - 2022	ISSN: 0921-4526
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Strain-induced enhancement in the electronic and thermal transport properties of the tin sulphide bilayer	Shagun Nag, Ranber Singh, Ranjan Kumar	Department of Physics	Physical Chemistry Chemical Physics	2021 - 2022	1463-9076
Experimental investigation of high-spin states in 90Zr	S. Sihotra in et al.,	Department of Physics	Physical Review C	2021 - 2022	PHYSICAL REVIEW C 105, 044307 (2022).
Efficiency at optimal performance: A unified perspective based on coupled autonomous thermal machines	Renuka Rai	University Institute of Engineering & Technology	Physical Review E	2021 - 2022	2470-0045 (print);
Indole based prostate cancer agents	Sunil Kumar, Madhuri T. Patil und Deepak B. Salunke	Department of Chemistry	Physical Sciences Reviews	2021 - 2022	2365-659X
Stationary Hermite-Gaussian solitons and their control for nonlinear Schrödinger equation with complex potential	Harneet Kaur, Sanjana Bhatia, Amit Goyal, C N Kumar	Department of Physics	Physics Letters A	2021 - 2022	0375-9601 / 1873-2429

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Phenotypic evaluation of agronomic and root related traits for drought tolerance in recombinant inbred line population derived from a chickpea cultivar (C. arietinum L.) and its wild relative (C. reticulatum)	Prof. Harsh Nayyar	Department of Botany	Physiology and Molecular Biology of plants	2021 - 2022	ISSN: 09740430
Nitric oxide secures reproductive efficiency in heat-stressed lentil (Lens culinarisMedik.) plants by enhancing the photosynthetic ability to improve yield traits	Prof. Harsh Nayyar	Department of Botany	Physiology and Molecular Biology of Plants	2021 - 2022	ISSN 0971-5894
Demographic Predictors of adoption of E-Books: Experience from India	Arunachal Khosla	University Institute of Applied Management Sciences	PIMT Journal of Research	2021 - 2022	2278-7925
Urban Street Vending in India and Thailand: A Review	Meenu Saihjpal (CO-AUTHOR)	University Institute of Legal Studies	PIMT Journal of Research	2021 - 2022	22787925
Selenium supplementation to lentil (Lens culinaris Medik.) under combined heat and drought stress improves photosynthetic ability, antioxidant systems, reproductive function and yield traits	Prof. Harsh Nayyar	Department of Botany	Plant and Soil	2021 - 2022	ISSN:15735036
Nutritional and mineral element evaluation in young shoots of different bamboo species of Manipur, India.	Thounaojam P., Haorongbam S., Rawat K, Bisht M. S., and Nirmala C.	Department of Botany	Plant Archives	2021 - 2022	ISSN:0972-5210
Seed size dimorphism in Hyptis suaveolens aids in differentiation of the germination niche	S. Rathee, P. Sharma, M. Ahmad, D.R. Batish, H.P. Singh, S. Kaur, S.S. Yadav	Department of Botany	Plant Biology	2021 - 2022	1435-8603
‘Omics’ approaches in developing combined drought and heat tolerance in food crops	Prof. Harsh Nayyar	Department of Botany	Plant Cell Reports	2021 - 2022	ISSN: 0721-7714 (Print) 1432-203X (Online)
Drought priming induces chilling tolerance and improves reproductive functioning in chickpea (Cicer arietinum L.)	Prof. Harsh Nayyar	Department of Botany	Plant Cell Reports	2021 - 2022	ISSN; 07217714
Phylogenetic analysis and expression profiling of nuclear factor-Y gene family in Dendrobium catenatum Lindl. (Orchidaceae)	Dr. Jaspreet Kaur	Department of Botany	Plant Gene	2021 - 2022	"2352-4073 ISSN"
Stimulation of nitrogen fixation and trehalose biosynthesis by naringenin (Nar) and arbuscular mycorrhiza (AM) in chickpea under salinity stress	Garg, N., & Singla, P.	Department of Botany	Plant Growth Regulation, 80(1), 5-22	2021 - 2022	1573-5087

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AMF species improve yielding potential of Cd stressed pigeonpea plants by modulating sucrose-starch metabolism, nutrients acquisition and soil microbial enzymatic activities	Prof. Neera Garg	Department of Botany	Plant Growth Regulation, 96, 409-430	2021 - 2022	0167-6903
Gene expression analysis for selection and validation of suitable housekeeping gene (s) in cadmium exposed pigeonpea plants inoculated with arbuscular mycorrhizae	Prof. Neera Garg	Department of Botany	Plant Physiology and Biochemistry, 162, 592-602	2021 - 2022	0981-9428
Individual and combined effects of selenium and silica on enhancing the heat tolerance of lentil (Lens culinarisMedik.) genotypes	Prof. Harsh Nayyar	Department of Botany	Plant Physiology Reports	2021 - 2022	ISSN:26622548
Stress responsive OsHyPRP16 promoter driven early expression of resistance gene Pi54 potentiate the resistance against Magnaporthe oryzae in transgenic rice	Ritu Kapoor,Gulshan Kumar,Lata Pawar,Prafull Salvi,Basavantraya N. Devanna,Kashmir Singh,Sharma TR	Department of Biotechnology	Plant Science	2021 - 2022	0168-9452
Zinc toxicity in plants: a review	Prof. Neera Garg	Department of Botany	Planta, 253(6), 1-28	2021 - 2022	0032-0935
Investigation of Roles of TaTALE Genes during Development and Stress Response in Bread Wheat	Meenakshi Rathour, Shumayla, Anshu Alok, Santosh Kumar Upadhyay	Department of Botany	Plants	2021 - 2022	
Molecular Characterization, Evolutionary Analysis, and Expression Profiling of BOR Genes in Important Cereals	Himanshu Sharma, Alok Sharma, Ruchika Rajput, Sukhjeet Sidhu, Harpal Dhillon, Praveen Chandra Verma,	Department of Botany	Plants	2021 - 2022	NA
Exploring choice preferences and safety perception of Women Hostellers	Navneet Kaur	Department of Geography	Population Geography	2021 - 2022	0256-5331
Detrital zircon U-Pb-Hf isotope record of conglomerates in the southern Aravalli orogen, NW India: Implications for stratigraphy, provenance and Archean to Paleoproterozoic crustal evolution	Parampreet Kaur a,*, Armin Zeh b,c, Naveen Chaudhri a, Prabhakar Dutta a	Department of Geology	Precambrian Research	2021 - 2022	0301-9268
Impact of Lactobacillus Plantarum on Reproductive Potential of Male Mice Challenged with Sperm Agglutinating Escherichia Coli	Priyanka Bhankar, Aditi chauhan and Vijay Prabha	Department of Microbiology	Preceptions In Reprod Med.	2021 - 2022	26409666
Immunity Escape of SARS-CoV-2 Variants: Omicron Leads the Way. Preprints, 2022030376	Dhingra, R., Sharma, A., Balda, S., Billa, A., Sah, S.N., Capalash, N., and Sharma, P	Department of Biotechnology	Preprints (www.preprints.org)	2021 - 2022	

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SARS-CoV-2 in Wastewater: Occurrence, Detection and Implications. Preprints, 2022040015	Billa, A., Balda, S., Sharma, A., Dhingra, R., Sah, S.N., Capalash, N., and Sharma, P	Department of Biotechnology	Preprints (www.preprints.org)	2021 - 2022	
HINDI KAVITA ME ISTRI VIMARSH	RAJESH KUMAR MISHRA	P.U. Regional Centre, Muktsar	PRINTING AREA	2021 - 2022	2394-5303
KATHA SAHTIYAN KE ANTERGAT RENU KE KATHETAR RACHANA KOSHAL KA PRABANDAN	RAJESH KUMAR MISHRA	P.U. Regional Centre, Muktsar	PRINTING AREA	2021 - 2022	2394-5303
An Automated Segmentation of Leukocytes Using Modified Watershed Algorithm on Peripheral Blood Smear Images	Vipasha Abrol, Sabrina Dhalla, Savita Gupta, Sukhwinder Singh, Ajay Mittal	University Institute of Engineering & Technology	Proceedings of international conference on women researchers in electronics and computing	2021 - 2022	978-81-947845-1-5
CENTRAL UNITS OF INTEGRAL GROUP RINGS OF MONOMIAL GROUPS	Gurmeet K. Bakshi and Gurleen Kaur	Department of Mathematics	Proceedings of the American Mathematical Society	2021 - 2022	0002-9939
Splitting probability invariant for Cordes schemes	Anjana Khurana	Department of Mathematics	Proceedings of the Indian Academy of Sciences: Mathematical Sciences	2021 - 2022	ISSN:0253-4142
The genomic landscape of lung adenocarcinoma-insights towards personalized medicine	Ovleen Kour & Minakshi Garg	University Institute of Engineering & Technology	Proceedings of the Indian National Science academy	2021 - 2022	0370-0046
On comparison of recycled LDPE and LDPE–bakelite composite based 3D printed patch antenna	Prof. Amrinder Pal Singh	University Institute of Engineering & Technology	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS	2021 - 2022	1464-4207 / 2041-3076
Analysis of additive manufacturing techniques used for maxillofacial corrective surgeries	Dr. Parveen Goyal	University Institute of Engineering & Technology	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2021 - 2022	0954-4062 / 2041-2983
Effects of nano filler powder during microwave-based joining of SS304 butt joints	Dr. Shankar Sehgal	University Institute of Engineering & Technology	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021 - 2022	0954-4089 / 2041-3009
Low elastic modulus and highly porous triply periodic minimal surfaces architected implant for orthopedic applications	Dr. Shankar Sehgal	University Institute of Engineering & Technology	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021 - 2022	0954-4089 / 2041-3009

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Static thermal performance evaluation of elliptical journal bearings with nanolubricants	Rajeev Kumar Dang	P.U. S.S. Giri Regional Centre, Hoshiarpur	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 235(8), pp.1627-1640	2021 - 2022	1350-6501
Reduced Graphene Oxide-Copper Nanocomposites Synthesis via Green Chemistry	J. K. Goswamy , Mamta sharma	University Institute of Engineering & Technology	Proceedings of the International Conference on Atomic, Molecular, Optical & Nano Physics with Applications	2021 - 2022	0930-8989
Applicative Insights on Nascent Role of Biochar Production, Tailoring and Immobilization in Enzyme Industry-A Review	N Kaur, P Bhardwaj, G Singh, SK Arya	University Institute of Engineering & Technology	Process Biochemistry	2021 - 2022	1359-5113
Correlating thermal properties of polyurethane/clay nanocomposite coatings with processing	Mohammad Babar, Anjali Sharma, Prapti Kakkar, Aman Arora ,Tamanna Arora and Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Progress in Organic Coatings	2021 - 2022	0300-9440
Synthesis of conductive polyaniline-carbon nanofiber nanocomposite with chenille like morphology for photocatalytic coatings applications	Kamini Turan , Prabhsharan Kaur and Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Progress in Organic Coatings	2021 - 2022	0300-9440
Investigations on biological activites of Allium sativum agglutinin (ASA) isolated from garlic	• Sharma S & Singh DD	Department of Biotechnology	Protein peptide letters	2021 - 2022	0929-8665
Investigating the phytotoxic potential of Verbesina encelioides: effect on growth and performance of co-occurring weed species	K.K. Mehal, A. Kaur, H.P. Singh, D.R. Batish	Department of Botany	Protoplasma	2021 - 2022	0033-183X
Employment dynamics, increasing returns and Marx’s falling rate of profit	S.P.Padhi	Department of Economics	PSL Quarterly Review, 74 (298)	2021 - 2022	E-ISSN 2037-3643 ISSN 2037-3635
Efects of catechin on a rodent model of autism spectrum disorder: implications for the role of nitric oxide in neuroinfammatory pathway	Rishab Mehta, Ranjana Bhandari, Anurag Kuhad	University Institute of Pharmaceutical Sciences	Psychopharmacology	2021 - 2022	1432-2072
7,8-Dihydroxyflavone improves cognitive functions in ICV-STZ rat model of sporadic Alzheimer's disease by reversing oxidative stress, mitochondrial dysfunction, and insulin resistance	Ansab Akhtar , Jatinder Dhaliwal , Sangeeta Pilkwal	University Institute of Pharmaceutical Sciences	Psychopharmacology (Berl)	2021 - 2022	0033-3158
Assessment of Physical Infrastructure Availability for Women BSF Personnel: An Empirical Study	Prof. Anil Monga	Centre for Police Administration	Public Affairs and Governance	2021 - 2022	2321-2128

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A qualitative inquiry into the capital structure decisions of overconfident finance managers of family-owned businesses in India	Hardeep Singh Mundi , Parmjit Kaur & R.L.N. Murty	University Business School	Qualitative Research in Financial Markets	2021 - 2022	1755-4179
Role of Ad-Dharm Movement in Dalits’ Lives and Its Relevance in Present Times	Prof. Navjot	Department of Political Science	Quest Journals, Journal of Research in Humanities and Social Science	2021 - 2022	Volume10, Issue7 (2022) PP: 266-270ISSN(Online): 2321-9467
Effect of anxiety and psychologic stress on periodontal health: a systematic review and meta-analysis	Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Quintessence International	2021 - 2022	19367163, 00336572.
Amelioration of cognitive and biochemical impairment in Aβ-based rodent model of Alzheimer’s disease following fractionated X-irradiation	Anna Khan, Jasmine Sati, Rozy Kamal, Devinder K. Dhawan, Vijayta D. Chadha	Department of Biophysics	Radiation and Environmental Biophysics	2021 - 2022	3532-5276
Amelioration of cognitive and biochemical impairment in Aβ based rodent model of Alzheimer’s disease following fractionated X-irradiation	Anna Ara Khan, Rozy Kamal, Jasmine Sati, D K Dhawan, Vijayta D Chadha	Centre for Nuclear Medicine	Radiation Environmental Biophysics	2021 - 2022	1432-2099
Influence of chemical effects on the Li (i= 1–3) subshell X-ray spectra for 79Au compounds	Heena Duggal, Ashutosh Kapil, D Mehta, Sanjeev Kumar	Department of Physics	Radiation Physics and Chemistry	2021 - 2022	0969-806X
Employment of polysaccharides in enzyme immobilization	A Sharma, KS Thatai, G Singh, SK Arya	University Institute of Engineering & Technology	Reactive and Functional Polymers	2021 - 2022	1381-5148
Influence of Interest Rates on Returns of Real Estate Private Equity Index and Real Estate Public Equity Index	manu sharma	University Institute of Applied Management Sciences	Real Estate Management and Valuation	2021 - 2022	2300-5289
Recent Research Tools and Techniques in Orthodontics: Towards the new era of Orthodontics	Deepak K Gupta, Arun K garg	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Recent Research Tools and Techniques in Orthodontics: Towards the new era of Orthodontics	2021 - 2022	ISBN: 978-613-9-4608
itania impregnated mesoporous MCM-48 as a solid photo-catalyst for the synthesis of methyl palmitate: Reaction mechanism and kinetics.	Guliani, D., Sobti, A., & Toor, A. P.	Energy Research Centre	Renewable Energy	2021 - 2022	0960-1481

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Titania impregnated mesoporous MCM-48 as a solid photo-catalyst for the synthesis of methyl palmitate: Reaction mechanism and kinetics	Disha Guliani, Amit Sobti, Amrit Pal Toor	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Renewable Energy	2021 - 2022	0960-1481
EFFECT OF ACTIVITY BASED INTERVENTION PROGRAMME ON MOTOR SKILL OF PRIMARY SCHOOL STUDENT WITH DYSPRAXIA IN DYNAMIC ENVIRONMENT	Dr. Rekha Rani & Kuljinder Kaur	Institute Of Educational Technology & Vocational Education	Research Journal Of Human Development	2021 - 2022	2277-7377
BIODEGRADATION OF MALATHION USING CUTINASE FROM A SOIL ISOLATE OF FUSARIUM SP.	Aruna Singh Parmar	Department of Microbiology	Research journal of life sciences, Bioinformatics, Pharmaceutical and Chemical sciences.	2021 - 2022	2454-6348
Journey of Chloroquine/Hydroxychloroquine in the management of COVID-19	Dr. Kavita Sekhri, Dr. Ruchika Nandha	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Research journal of pharmacology and pharmacodynamics	2021 - 2022	ISSN: print-0975-4407, online- 2321-5836
Estimation Of Synergistic Antioxidant Effect Of Methanolic Extracts Of Some Medicinal Herbs	Gurleen Kaur, Srishti Gautam, Poonam Arora, Neelima Dhingra	University Institute of Pharmaceutical Sciences	Research Journal Of Pharmacy And Technology	2021 - 2022	0974-360X
Achievement in Social Science among Secondary School Stunents in relation to School Environment and Parental Involvement	Kulwinder Kaur & Prof. Latika Sharma	Department of Education	RESEARCH REVIEW International Journal of Multidisciplinary vol .06, Its.07 July 2021	2021 - 2022	e-ISSN:2455-3085
A review on drought stress in plants: Implications, mitigation and the role of plant growth promoting rhizobacteria	Ojasvini Ahluwalia, Poonam C Singh, Ranjana Bhatia	University Institute of Engineering & Technology	Resources, Environment and Sustainability	2021 - 2022	2666-9161
Sensitivity of plants to high frequency electromagne tic radiation: cellular mechanisms and morphological changes	Kaur, S., Vian, A., Chandel, S., Singh, H.P., Batish, D.R., Kohli, R.K.	Department of Botany	Reviews in Environmen tal Science and Biotechnolo gy, 20 (1), pp. 55-74.	2021 - 2022	ISSN 15691705
Sensitivity of plants to high frequency electromagnetic radiation: cellular mechanisms and morphological changesRP3	S. Kaur, A. Vian, S. Chandel, H. P. Singh, D. R. Batish, Kohli, R.K.	Department of Environment Studies	Reviews in Environmental Science and Biotechnology	2021 - 2022	14.284
Identification of novel-vector control target proteins of Aedes sp.: A Systems Network Biology Approach.	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Revis Bionatura	2021 - 2022	--
A Molecular Insight into Significance of Functional Foods in Better Management of Rheumatoid Arthritis	Prof. Archana Bhatnagar	Department of Biochemistry	Revista Brasileira de Farmacognosia	2021 - 2022	1981-528X

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AMF modulated rhizospheric microbial enzyme activities and their impact on sulphur assimilation along with thiol metabolism in pigeonpea under Cd stress	Prof. Neera Garg	Department of Botany	Rhizosphere, 100478	2021 - 2022	2452-2198
Artificial Intelligence for Cybersecurity: Recent Advancements, Challenges and Opportunities	Veenu Rani, Munish Kumar, Ajay Mittal, Krishan Kuma	University Institute of Engineering & Technology	Robotics and AI for Cybersecurity and Critical Infrastructure in Smart Cities	2021 - 2022	978-3-030-96736-9
Theatre and Development in India	Dr. Navdeep Kaur	Department of Indian Theatre	ROYAL	2021 - 2022	2278-8158
Aflower-like ZnO–Ag2O nanocomposite for label and mediator free direct sensing of dinitrotoluene	Prof G.R. Chaudhary et al	University Centre of Instrumentation and Micro-Electronics	RSC Advances	2021 - 2022	ISSN: 2046-2069
DOE-based synthesis of gellan gum-acrylic acid-based biodegradable hydrogels: screening of significant process variables and in situ field studies	Vishal Sharma	Institute of Forensic Science & Criminology	RSC advances	2021 - 2022	NA
Stereoisomeric Pam2CS based TLR2 agonists: synthesis, structural modelling and activity as vaccine adjuvants	Kaur A, Piplani S, Kaushik D, Fung J, Sakala IG, Honda-Okubo Y, Mehta SK, Petrovsky N, Salunke DB	Department of Chemistry	RSC Medicinal Chemistry	2021 - 2022	2632-8682
Lemborexant: a novel orexin antagonist for insomnia	Dr. Suruchi Aditya, Dr. Ruchika Nandha, Dr. Kavita Sekhri	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	RUHS Journal of Health Scier	2021 - 2022	Print ISSN-2456-8309;e-ISSN: 2582-3590
Citizen–Administration Relationship: A Case Study of Public Service Delivery in Chandigarh— The City Beautiful, India	Dr. Purva Mishra	University School of Open Learning	SAGE Journal- IndianJournal of Public Administration,	2021 - 2022	0019-5561
INTERGATING WOMENS SUBJECTIVITY BIN POLITICAL DISCOURSE	NISH AJAIN	P.U. Regional Centre, Muktsar	SAJOSPS	2021 - 2022	9724613
Guru Tegh Bahadur ji di Bani da Bhashai Saroop	Dr. Akwinder Kaur Tanvi	School of Punjabi Studies	Samdarsi (January-February, 2022)	2021 - 2022	2581-3986
Samkali Punjabi Kavita Vich Lokdhara da Roop antaran	Dr. Parveen Kumar	University School of Open Learning	Samdharshi	2021 - 2022	2581-3986
Nanak Singh Ka Srijan Chintan	Dr. Gurmeet Singh	Department of Hindi	Samkalin Bhartiya Sahitya	2021 - 2022	
Energy Efficient Approach in Wireless Sensor Network for Surveillance:A Review Analysi	Dr. A.S.Kang	P.U. S.S. Giri Regional Centre, Hoshiarpur	Saudi Journal of Engg & Technology,	2021 - 2022	2415-6272

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Role Of Family in The Development of Social Competence and Emotional Resilience Among Children with Learning Disabilities	Dr Md Saifur Rahman	Department of Community Education & Disability Studies	Scholarly Research Journal for Humanity Science & English Language	2021 - 2022	E-ISSN 2348-3083 & P-ISSN 2349-9664 SJ Impact Factor 2021: 7.278, www.srjis.com peer reviewed & refereed journal, Aug.-sept, 2021, Vol-9
India and Contemporary International Relations: Emerging Trends	Mohammed Khalid	Department of Evening Studies	Scholars Journal of Arts, Humanities and Social Sciences	2021 - 2022	ISSN 2347-9493 (Print) ISSN 2347-5374 (Online)
Internal Migration in India: A trend of Million-Plus Cities in 2011	Gaurav Kalotra with Co-Author Jitender	Department of Geography	Scholars Journal of Arts, Humanities and Social Sciences	2021 - 2022	2347-5374
Population Characteristics of Slums: A Study of Faridabad City in Haryana	Gaurav Kalotra co-authored Sumit Kumar	Department of Geography	Scholars Journal of Arts, Humanities and Social Sciences	2021 - 2022	2347-5374
Sex-wise Spatial Analysis of in-migrant in North-Western Region of India	Gaurav Kalotra co-authored Jagdeep Kumar	Department of Geography	Scholars Journal of Arts, Humanities and Social Sciences	2021 - 2022	2347-5374
Development of Magnetic Nanoparticle Assisted Aptamer-Quantum Dot Based Biosensor for the Detection of Escherichia coli in Water Samples	C Pandit, HK Alajangi, J Singh, A Khajuria, A Sharma, ...S Sapra, RP Barnwal, G Singh, IP Kaur	Department of Biophysics	Science of the Total Environment	2021 - 2022	0048-9697
Development of magnetic nanoparticle assisted aptamer-quantum dot based biosensor for the detection of Escherichia coli in water samples.	Singh G, Kumar R, Barnwal RP, Pal Kaur I,	University Institute of Pharmaceutical Sciences	Science of The Total Environment	2021 - 2022	0048-9697

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Influence of meteorological parameters and air pollutants on the airborne pollen of city Chandigarh, India	Suman Mor	Department of Environment Studies	Science of The Total Environment	2021 - 2022	0048-9697
Neuroprotective efficacy of berberine following developmental exposure to chlorpyrifos in F1 generation of Wistar rats: Apoptosis-autophagy interplay.	Era Seth, and Mani Chopra.	Department of Zoology	Science of The Total Environment	2021 - 2022	0048-9697.
Seed germination studies on Chickpeas, Barley, Mung beans and Wheat with natural biomass and plastic waste derived C-dots	Pooja Chauhan, Manisha Kumari, Savita Chaudhary, Ganga Ram Chaudhary, Ahmad Umar, Sotirios Baskoutas	Department of Chemistry	Science of The Total Environment	2021 - 2022	0048-9697
Spherical silver oxide nanoparticles for fabrication of electrochemical sensor for efficient 4-Nitrotoluene detection and assessment of their antimicrobial activity	Urmila Chakraborty, Preeti Garg, Gaurav Bhanjana, Gurpreet Kaur, Ajeet Kaushik, Ganga Ram Chaudhary	Department of Chemistry	Science of The Total Environment	2021 - 2022	0048-9697
UVC-based photoinactivation as an efficient tool to control the transmission of coronaviruses.	Bhardwaj, S. K., Singh, H., Deep, A., Khatri, M., Bhaumik, J., Kim, K. H., & Bhardwaj, N.	University Institute of Engineering & Technology	Science of The Total Environment	2021 - 2022	489697
A Comprehensive Study on Private Sector's R&D Incentivization Landscape in USA and India: Lessons Drawn for India	Trikha R. & Chongtham N. Nirmala C.	Centre for Policy Research	Science, Technology & Public Policy	2021 - 2022	2640-4613
Design, characterization and structure–function analysis of novel antimicrobial peptides based on the N-terminal CATH-2 fragment	Sharma P,Sharma S,Joshi S,Barman P,Bhatt A,Maan M,Singla N,Rishi P,Ali ME,Preet S,Saini A	Department of Biophysics	Scientific Reports	2021 - 2022	2045-2322
In-vitro pH-responsive release of imatinib from iron-supplement coated anatase TiO2 nanoparticles	Shilpy Bhullar, Navdeep Goyal, Shikha Gupta	Department of Physics	Scientific Reports	2021 - 2022	2045-2322
Modulated anti-VEGF therapy under the influence of lipid metabolizing proteins in Age related macular degeneration: A pilot study	Kaushal Sharma, PriyaBattu, Ramandeep Singh, Suresh Kumar Sharma & Akshay Anand	Department of Statistics	Scientific Reports	2021 - 2022	20452322
Women Directors and Firm Performance : An empirical study of Indian listed firms	HARSH TULI, DEEPAK KAPUR	University Business School	SEMCOM Management & Technology Review	2021 - 2022	2321-5968
women directors and firm performance: An empirical study of listed firms in India	Harsh Tuli, Deepak Kapur	University Institute of Applied Management Sciences	SEMCOM Management & Technology Review	2021 - 2022	2321-5968

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Real-Time Structural Health Monitoring and Damage Identification Using Frequency Response Functions along with Finite Element Model Updating Technique	Dr. Shankar Sehgal	University Institute of Engineering & Technology	Sensors	2021 - 2022	1424-8220
Gold nanoparticle decorated graphene for efficient sensing of NO2 gas	J. K. Goswamy	University Institute of Engineering & Technology	Sensors International	2021 - 2022	2666-3511
Synthesis and characterization of WO3–SnO2/rGO nanocomposite for Propan-2-ol sensing	J. K. Goswamy, Mamta Sharma	University Institute of Engineering & Technology	Sensors International	2021 - 2022	2666-3511
Hetero-aggregation behaviour of green copper nanoparticles: Course interactions with environmental components	T. Jasrotia, S. Chaudhary, R. Sharma, G. R. Chaudhary, R. Kumar, Abdulrab A. M Alkhanjaf,	Department of Chemistry	Separation and Purification Technology	2021 - 2022	1383-5866
Recent advances in the analysis of plant alkaloids by capillary electrophoresis and micellar electrokinetic chromatography	A Kumar, AK Malik, Singh B*,	Department of Biotechnology	Separation Science Plus	2021 - 2022	2573-1815
Kosh Nirmamkari: Kujh Buniyadi Tatt	Dr. Akwinder Kaur Tanvi	School of Punjabi Studies	Shabad Bo0nd	2021 - 2022	2456-544X
Dr. Sadhu Singh Rachit Punjabi Boli di Virasat	Dr. Akwinder Kaur Tanvi	School of Punjabi Studies	Shabad Boond	2021 - 2022	2456-544X
Nanak Shabad Chetna di Vartman Parsangita	Dr. Gurjit Singh	P.U. Rural Centre, Kauni, Muktsar	SHEERAZA	2021 - 2022	ISSN 2319-5053
Global Identification Markers of the Turbanned Sikh Males in Post Covid-19 Pandemic Scenario	Prabhdip Brar Ph.D	University Institute of Fashion Technology & Vocational Development	Shodh Sanchar Bulletin	2021 - 2022	ISSN:2229-3620
Marginal Rebel Literature in Telugu	Amandeep	Department of Evening Studies	SHODHA	2021 - 2022	2249-0396
A study On The Road Safety Awareness Among Male and Female Youth	Prof.(Dr.) Navleen Kaur	Department of Community Education & Disability Studies	Shodha Prabha	2021 - 2022	9748946
PROTECTION OF WOMEN PRISONERS HUMAN RIGHTS IN INDIA : AN OVERVIEW	Sunil Kumar, Dr. Karan Jawanda, and Dr Amita Verma	University Institute of Legal Studies	Shodhasamhita: Journal of Fundamental & Comparative Research	2021 - 2022	ISBN 2277-7067 Vol. VIII, No. 1(XXV) 2022
IMPACT OF ORGANIZATIONAL SILENCE ON JOB SATISFACTION AMONG EMPLOYEES IN SELECTED BANKS IN NORTHERN INDIA	Dr. Aman Khera	University Institute of Applied Management Sciences	Shodhsamhita	2021 - 2022	2277-7067
ABUSIVE SUPERVISION AND SUBORDINATE’S PERSONALITY: A STUDY OF SELECT BANKS	Prof. Sanjay Kaushik & Ms. Disha Arora	University Business School	Shodhsamhita	2021 - 2022	2277-7067
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Shiromani Akali Dal (1920-2020): Ideology, strategy, and Support Base	Prof. Ashutosh Kumar	Department of Political Science	Sikh Formation: Religion, Culture, Theory	2021 - 2022	https://www.tandfonline.com/doi/full/10.1080/17448727.2021.1873654?src=&journalCode=rsfo20
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Making sense of agrarian distress and peasant struggles in Punjab	Prof. Ronki Ram	Department of Political Science	Sikh Formations	2021 - 2022	Volume 18, 2022 - Issue 1-2
Farmers'Movement in Punjab;Consciousness and Politics	Dr. Surinder Singh	P.U. Rural Centre, Kauni, Muktsar	Sikh Research Journal	2021 - 2022	ISSN 27713520
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Experimental investigations on silicon carbide mixed electric discharge machining	Dr. Shankar Sehgal	University Institute of Engineering & Technology	Silicon	2021 - 2022	1876-990X / 1876-9918
Parameter Variation Analysis of Dopingless and Junctionless Nanotube MOSFET	Shashi Bala, Raj Kumar & Arvind Kumar	University Institute of Engineering & Technology	SILICON	2021 - 2022	1876-990X
Silicon Material Based Tunnel FET for Controlling Ambipolar Current	Dr. Balwant Raj	P.U. S.S. Giri Regional Centre, Hoshiarpur	Silicon, Springer	2021 - 2022	Print ISSN 1876-990X, Electronic ISSN 1876-9918

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Polyamines: A promising strategy for imparting salinity stress tolerance in legumes	Prof. Neera Garg	Department of Botany	Singh, V.P., Singh, S., Tripathi, D.K., Prasad, S.M., Bhardwaj, R., Chauhan, D.K. (Eds.) Abiotic Stress and Legumes. Academic Press, 137-174	2021 - 2022	9.78013E+12
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Cattle identification with muzzle pattern using computer vision technology: a critical review and prospective	A. Kaur, M. Kumar and M. K. Jindal	P.U. Regional Centre, Muktsar	Soft Computing,	2021 - 2022	1433- 7479
Ferromagnetism in V and Cr doped ScN diluted magnetic semiconductor in B3 phase: A DFT study	Ranjan Kumar, Anita Sharma	Department of Physics	Solid State Communications	2021 - 2022	0038-1098
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EF-hand domain-containing proteins in Triticum aestivum: Insight into their roles in stress response and signalling	Amandeep Kaur, Alok Sharma, Madhu, Praveen Chandra Verma, Santosh Kumar Upadhyay	Department of Botany	South African Journal of Botany	2021 - 2022	NA
Extraction and characterization of secondary metabolites from Crepidium acuminatum (D. Don) Szlach: A miraculous orchid	Dr. Jaspreet Kaur	Department of Botany	South African Journal of Botany	2021 - 2022	ISSN: 0254-6299
Regeneration competence of an endangered orchid, Vanda cristata Wall. ex Lindl. using leaf explants: A study in vitro	Prof. Promila Pathak	Department of Botany	South African Journal of Botany	2021 - 2022	0254-6299

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Therapeutic uses of wild plant species used by rural inhabitants of Kangra in the western Himalayan region	NeerajKumari, Manoj Kumar,ohamed Mekhemar, Surinder Singh, Ryszard Amarowicz, Adolfo Andrade-Ce	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	South African Journal of Botany	2021 - 2022	Journal cover for South African Journal of Botany ISSN: 0254-6299
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Importance of Regulating Transboundary Aquifers in the World with Special Reference to Indian Subcontinent: A Review	Ashima Awasthi, Madhuri S. Rishi, 8 and Ashu Khosla	Department of Geology	Springer Book: Water, Cryosphere, and Climate Change in the Himalayas, A Geospatial Approach (pp.187-202)	2021 - 2022	1588-2780
Insights into the cytoprotective potential of <i>Bergenia ligulata</i> against oxalate-induced oxidative stress and epithelial–mesenchymal transition (EMT) via TGFβ1/p38MAPK pathway in human renal epithelial cells	Anubha Singh, Simran Tandon, Dhruv Kumar, Tanzeer Kaur, Kavindra Kumar Kesari, Chanderdeep Tandon	Department of Biophysics	springer link	2021 - 2022	0967-0912

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Evaluation of corrosion resistant, antimicrobial and cytocompatible behaviour of cobalt based metallosurfactants self-assembled monolayers on 316L stainless steel surface	Dr, Nirmal Prabhakar	Department of Biochemistry	Surface and Coatings Technology	2021 - 2022	0257-8972
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Differential effectiveness of Arbuscular Mycorrhizae in improving Rhizobial symbiosis by modulating Sucrose metabolism and Antioxidant defense in Chickpea under As stress	Prof. Neera Garg	Department of Botany	Symbiosis, 86(1), 49-69	2021 - 2022	0334-5114
Using XAI for Deep Learning-Based Image Manipulation Detection with Shapley Additive Explanation	Krishan Kumar	University Institute of Engineering & Technology	Symmtery	2021 - 2022	

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Phenyl iodine(III) diacetate-induced regioselective synthesis of 1-(benzoxazol-2-yl)-1-alkoxynaphthalen-2(1H)-ones from 2-(2-hydroxynaphthyl)benzoxazoles	Geeta Yadav, Sunil Kumar, Ramesh Kataria, Devinder Kumar	Department of Chemistry	Synthetic Communications	2021 - 2022	0039-7911 (print); 1532-2432 (web)
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Microwave assisted novel one-pot three-component reaction for synthesis of 3-aminoimidazopyridines using molecular iodine	Sumbulunnisan Shareef, Saigal, Mohammad Khizr, Subash C. Sahoo, Md. Musawwer Khan	Department of Chemistry	Tetrahedron Letters	2021 - 2022	0040-4039
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EMIC VIEW OF CAUSAL NEXUS BETWEEN CLIMATE CHANGE AND LIVELIHOOD: A MICRO LEVEL ANALYSIS OF A MACRO LEVEL PHENOMENON	Jagriti Mehta, A Kishore Sinha and Maninder Kaur	Department of Anthropology	THE EASTERN ANTHROPOLOGIST 74: 4 (2021)	2021 - 2022	0012-8686
The impact of clinical scales in Parkinson’s disease: a systematic review	Aggarwal Nikita, Barjinder Singh Saini, Savita Gupta	University Institute of Engineering & Technology	The Egyptian Journal of Neurology, Psychiatry, and Neurosurgery	2021 - 2022	issn
Collaborative Consumption Services : Testing the Impact of Reason-based Trust and Coercive Power Among Users and Non-Users	Prof. Purva Kansal & Dr. Saubhagya Bhalla	University Business School	The IUP Journal of Business Strategy	2021 - 2022	9726845
Estimation of sex from dental arch dimensions: An odontometric analysis	Kanchan T, Chugh V, Chugh A, Setia P, Shedge R, Krishan K	Department of Anthropology	The Journal of Craniofacial Surgery	2021 - 2022	1536-3732
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Impact of prolonged wearing of face masks – medical and forensic implications	Ankita Guleria, Kewal Krishan, Vishal Sharma, Tanuj Kanchan	Department of Anthropology	The journal of Infection in Developing Countries	2021 - 2022	1972-2680
An analysis of Rohingya Migration crisis	jaskaran singh waraich	Department of Defence and National Security Studies	The Journal of Oriental Research	2021 - 2022	0022-3301
Illegal cross border migration in india and its impact on india's national security	jaskaran singh waraich	Department of Defence and National Security Studies	The Journal of Oriental Research	2021 - 2022	0022-3301
Trends and factors responsible for migrant crises in Afganistan	Simran Kaur	Department of Evening Studies	The Journal of Oriental Research	2021 - 2022	0022-3301

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FREE RADICAL SCAVENGING AND ANTIOXIDANT POTENTIAL OF SOME ETHNOBOTANICALLY IMPORTANT PLANTS FROM HIMACHAL PRADESH (INDIA)	JYOTI SHARMA, ANIL KUMAR THAKUR AND KAMAL JIT SINGH	Department of Botany	The Journal of the Indian Botanical Society	2021 - 2022	0019-4468
Vector Valued Multipliers of McShane Integrable Functions	Savita Bhatnagar	Department of Mathematics	The Journal of the Indian Mathematical Society	2021 - 2022	ISSN:0019-5839
Application of organic additives for the enhancement of seed germination and seedling development in an endangered and medicinal orchid, rhynchostylis retusa (L.)Blume through asymbiotic culture	Thakur Babita and Promila Pathak	Department of Botany	The Journal of the Orchid Society of India	2021 - 2022	0971-5371
De novo plantlet regeneration from leaf explants of Rhynchostylis retusa (L.) Blume: a study in vitro	Kumari Anamika and Promila Pathak	Department of Botany	The Journal of the Orchid Society of India	2021 - 2022	0971-5371
Diversity, indigenous uses, morphological description, and conservation status of orchids of Kareri Lake And Triund Hill In District Kangra of Himachal Pradesh, NorthWestern Himalayas	Jaryal Pratibha, Promila Pathak, and Vasundhra	Department of Botany	The Journal of the Orchid Society of India	2021 - 2022	0971-5371
Green pod culture of an endangered and medicinally important orchid, Vanda cristata wall. ex Lindl. from Himachal Pradesh	Sunita, Promila Pathak, and K C Mahant	Department of Botany	The Journal of the Orchid Society of India	2021 - 2022	0971-5371

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Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019	Paulson KR, Kamath AM, Alam T,.....Krishan K,...Wang H, Kassebaum NJ (2021	Department of Anthropology	The Lancet	2021 - 2022	0140-6736
Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990–2019, for 204 countries and territories: the Global Burden of Diseases Study 2019	Jahagirdar D, Walters MK, Novotney, A.....Krishan K.... Hay SI, Murray CJL, Kyu HH	Department of Anthropology	The Lancet	2021 - 2022	0140-6736
Measuring the availability of human resources for health and its relationship to universal health coverage for 204 countries and territories from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019	Haakenstad A, Irvine CMS, Knight M,...Krishan K,...Lim SS, Murray CJL, Lozano R	Department of Anthropology	The Lancet	2021 - 2022	0140-6736
Population-level risks of alcohol consumption by amount, geography, age, sex, and year: a systematic analysis for the Global Burden of Disease Study 2020	Bryazka D, Reitsma MB, Griswold MG,.....Krishan K, Gakidou E	Department of Anthropology	The Lancet	2021 - 2022	0140-6736

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Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories 1990–2050	Micah AE, Cogswell IE, Cunningham B,....Krishan K,....Hay SI, Murray CJL, Dieleman JL	Department of Anthropology	The Lancet	2021 - 2022	0140-6736
Diabetes mortality and trends before 25 years of age: an analysis of the Global Burden of Disease Study 2019	Cousin E, Duncan BB.....Krishan K....NaghaviM, Schmidt MI	Department of Anthropology	The Lancet Diabetes & Endocrinology	2021 - 2022	22138587, 22138595
Age–sex differences in the global burden of lower respiratory infections and risk factors, 1990–2019: results from the Global Burden of Disease Study 2019	Kyu HH, Vongpradith A,Krishan K,...Hay SI, Murray CJL	Department of Anthropology	The Lancet Infectious Diseases	2021 - 2022	1473-3099
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Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019	Peden AE, Cullen P, Francis KL,.....Krishan K,.... Patton GC, Ivers RQ	Department of Anthropology	The Lancet Public Health	2021 - 2022	2468-2667
Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019	Kendrick PJ, Reitsma MB,Krishan K,....Gakidou E	Department of Anthropology	The Lancet Public Health	2021 - 2022	2468-2667
Mapping development and health effects of cooking with solid fuels in low-income and middle-income countries, 2000–18: a geospatial modelling study	Frostad JJ, Nguyen QP,....Krishan K,...Hay SI, Reiner RC	Department of Anthropology	The Lancet Public Health 10	2021 - 2022	
A phagosomally expressed gene, rv0428c of Mycobacterium tuberculosis demonstrates acetyltransferase activity and plays a protective role under stress conditions	Ashish Sharma, Arbind Kumar, Mudasir rashid, Ramchandra Vijay Amnekar, Sanjay Gupta, Jagdeep Kaur	Department of Biotechnology	The Protein Journal	2021 - 2022	1875-8355
Examining the integration of continuous improvement and strategic planning in select pharmaceutical companies in India: a case study	Harjit Kaur, Sanjay Kaushik	University Business School	The TQM Journal	2021 - 2022	1754-2731

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Text and graphics segmentation of newspapers printed in Gurmukhi script: a hybrid approach	Rupinder Pal Kaur, M. Kumar and M. K. Jindal	P.U. Regional Centre, Muktsar	The Visual Computer	2021 - 2022	
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Educational Mobility among the Gadhi Tribe in Bhaderwah,J&K.	Dr.Rajneesh	P.U. Rural Centre, Kauni, Muktsar	THIRD CONCEPT	2021 - 2022	ISSN 0970-7247
Mahatma Gandhi's Views on Western Civilization	Dr.Rajneesh	P.U. Rural Centre, Kauni, Muktsar	THIRD CONCEPT	2021 - 2022	ISSN 0970-7247
Clinically relevant cell culture models and their significance in isolation, pathogenesis, vaccine development, repurposing and screening of new drugs for SARS-CoV-2: a systematic review.	Kumar S, Singh P, Kaur H, Prajapat M, .. Singh H, Prakash A, Kuhad A, Medhi B.	University Institute of Pharmaceutical Sciences	Tissue and Cell	2021 - 2022	0040-8166
Novel nanotechnological approaches for treatment of skin-aging	Ashmita Sharma, Anurag Kuhad , Ranjana Bhandari	University Institute of Pharmaceutical Sciences	Tissue Viability	2021 - 2022	096551206X
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Assessment of drinking water quality and non-carcinogenic health risk associated with the feed and treated water of water treatment devices (WTDs) in southwest Punjab, India	Madhuri Rishi	Department of Environment Studies	Toxin Reviews	2021 - 2022	1932-6203
Hydrogeochemical characterization, multi-exposure deterministic and probabilistic health hazard evaluation in groundwater in parts of Northern India	Madhuri Rishi	Department of Environment Studies	Toxin Reviews	2021 - 2022	1932-6203
Development of elastodynamic finite integration technique for two-dimensional micropolar elastodynamics	Dilbag Singh	Department of Mathematics	Transactions of JASCOME	2021 - 2022	13449443
Analytical Modelling and Simulation Analysis of Junctionless Nanotube (JL NT) MOSFET	Raj Kumar, Shashi Bala& Arvind Kumar	University Institute of Engineering & Technology	TRANSACTIONS ON ELECTRICAL AND ELECTRONIC MATERIALS	2021 - 2022	(1229-7607)

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Translation and validation of Shame and Stigma Scale for Head and Neck cancer into the Hindi Language	Dr. Meenu Gupta	Department of English & Cultural Studies	Translation and validation of Shame and Stigma Scale for Head and Neck cancer into the Hindi Language	2021 - 2022	
A chronological overview of analytical techniques in forensic identification of printing toners	Shweta Sharma	Institute of Forensic Science & Criminology	Trends in Analytical Chemistry	2021 - 2022	NA
Cottonseed: a sustainable contributor to global protein requirements	Manoj Kumar,, Surinder Singh,....,Ryszard Amarowicz	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Trends in Food Science and Technology	2021 - 2022	0924-2244
Effect of TiO2 and CuO Based Nanolubricants on the Static Thermal Performance of Circular Journal Bearings	Rajeev Kumar Dang	P.U. S.S. Giri Regional Centre, Hoshiarpur	Tribology in Industry 43, no. 3 (2021): 420	2021 - 2022	3548996
Plant ecology in Indian Siwalik range: A systematic map and its bibliometric analysis	Dr. A.N. Singh	Department of Botany	Tropical Ecology	2021 - 2022	2661-8982
Legal Analysis of artificial Intellengent Corporte Board Rooms	Prof.(Dr.) Rajinder Kaur	University Institute of Legal Studies	Turkish Journal of Computer and Mathematics Education	2021 - 2022	9.78074E+12
Gut Health-The Game of probiotics	Arun Singh Thakur	University Institute of Hotel and Tourism Management	Turkish Journal of Physiotherapy and Rehabilitation	2021 - 2022	2651-4451
Moringa oleifera : A magical tree with Potential Health Benefits	Prashant K. Gautam	University Institute of Hotel and Tourism Management	Turkish Journal of Physiotherapy and Rehabilitation	2021 - 2022	2651-446X
Implications of Diffusion of Orchards in Himachal Pradesh	Navneet Kaur	Department of Geography	Turkish online Journal of Qualitative Inquiry	2021 - 2022	42174228
Prepared or scared? Awareness of dental practitioners about n COVID -19	Poonam Sood, Vandna Chhabra	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	University journal of maxillofacial and oral sciences	2021 - 2022	N.A.
Hinsa per ek darshanik Bhas : Hanna Arendt aur Bhartiya Parampara ke Sandarb mai	Dr.Pankaj Srivastava	Department of Philosophy	Unmilan (उन्मीलन)	2021 - 2022	0974-0053
Variations in leaf litter decomposition explain invasion success of Broussonetia papyrifera over confamilial non-invasive Morus alba in urban habitats	I. Maan, A. Kaur, A. Sharma, H.P. Singh, D.R. Batish, R.K Kohli and N.K.Arora	Department of Botany	Urban Forestry and Urban Greening	2021 - 2022	1618-8667
Khwateen-e-Tamilanado ki Roshan Tahrire'n	Dr. Ali Abbas	Department of Urdu	Urdu Book Review	2021 - 2022	9719288
Mahatma Gandhi, Samaji Insaf aur Urdu	Dr. Ali Abbas	Department of Urdu	Urdu Book Review	2021 - 2022	9719288
Alami General Knowledge Adad ki Raushani Mein	Dr. Ali Abbas	Department of Urdu	Urdu Science	2021 - 2022	0971-5711
The Effect of Gender on Career Identity of adolescents	Prof.Prabha Vig	Department of Lifelong Learning & Extension	Utkal Historical Research Journal	2021 - 2022	0976-2132

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Fabrication of 75As targets for heavy ion nuclear reactions	S Sihotra, Ashutosh Kapil, Sanjeev Kumar, D Mehta	Department of Physics	Vacuum	2021 - 2022	0042-207X
Fabrication and characterization of self supporting 48Ti thin films	H. Arora, Abhilash S.R. , G.R. Umapathy, Ashutosh Kapil, B.R. Behera	Department of Physics	Vacuum 201 (2022) 111052	2021 - 2022	1879-2715
Nutrient component analyses of selected wild edible plants from Hamirpur district of Himachal Pradesh, India: an evaluation for future food	Bhatti R. C., Kaur R., Kumar A., Kumar V., Singh S., Kumar P. Nirmala C. and Singh A. N.	Department of Botany	Vegetos	2021 - 2022	ISSN Online: 2229-4473
Phytotoxicity of essential oil of Pogostemon benghalensis and its potential use as bioherbicide	Dahiya, S., Batish, D.R., Singh, H.P.	Department of Botany	Vegetos	2021 - 2022	0970-4078
Establishing the dominating behavior of an aquatic plant ‘Najas marina’ L.	Prof. M.C. Sidhu	Department of Botany	Vegetos, 35	2021 - 2022	NA
Excellent Services enhances customer loyalty and study on hotels in the capital region of Uttarakhand	NEERAJ AGGARWAL	University Institute of Hotel and Tourism Management	Vidyabharati International Interdisciplinary research journal	2021 - 2022	23194979
Organizational Challanges towards female job satisfaction in Indian Hotel industry	NEERAJ AGGARWAL	University Institute of Hotel and Tourism Management	Vidyabharati International Interdisciplinary Research Journal	2021 - 2022	23194979
Intellectual capital and Firm Performance:: A Systematic Literature	Monika Aggarwal	University Institute of Applied Management Sciences	Vidyabharati International Interdisciplinary Research Journal (Special Issue)	2021 - 2022	23194979
Exploring career anchors among faculty in higher education	Parul Aggarwal & Dr. Kirandeep Singh	Department of Education	Vidyawarta, Interdiciplinary Multilingual Refereed Journals	2021 - 2022	2394-5303NA
Study of Carrier Believes of Adolecense	Ms. Ramandeep & Prof. Kirandeep Singh	Department of Education	Vidyawarta, Interdiciplinary Multilingual Refereed Journals	2021 - 2022	23199318
Constitutional Theories of Emergency Powersand their Limits: Perspectives from Vietnam, India and Canada	Sebastien Lafrance, Shruti Bedi & Hannah Gregorio Leao	University Institute of Legal Studies	Vietnam Journal of Legal Sciences Vol. 4, Issue 1 2021	2021 - 2022	ISSN: 27193004
The Juvenile Justice Law in India: Are you old enough to commit a crime?	Shruti Bedi	University Institute of Legal Studies	Vietnam Journal of Legal Sciences, Vol. 5, Issue 2, 2021,pp. 16-30	2021 - 2022	27193004
CEO Overconfidence and Capital Structure Decisions: Evidence from India	HS Mundi & Parmjit Kaur	University Business School	Vikalpa: The Journal for Decision Makers	2021 - 2022	0256-0909
Does commitment to environment and society pays? Evidence from COVID-19 impact on stock volatility	Nishi Sharma (with Dr Arshdeep and Ms. Shailika Rawat)	University Institute of Applied Management Sciences	Vilakshan-XIMB Journal of Management	2021 - 2022	0973-1954

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Understanding the epigenetic mechanisms in SARS CoV-2 infection and potential therapeutic approaches	9. Swati Bhat, Praveen Rishi, Vijayta D Chadha	Centre for Nuclear Medicine	Virus Research	2021 - 2022	0168-1702
CSR A Saviour In COVID-19 Pandemic- Case Study Of Indian Companies	Parshant K. Gautam	University Institute of Hotel and Tourism Management	Webology	2021 - 2022	1735-188X
Examination of Hotel Management Aspirants Perspectives towards a career in technologically inclined hospitality sector-Special reference to the housekeeping industry	NEERAJ AGGARWAL	University Institute of Hotel and Tourism Management	Webology	2021 - 2022	1735188X
How Mayonnaise Turned As A Culinary Mother Sauce (A Molecular Study Of Different Oil's And Their Results To Finds Better Tasting And Stable Mayonnaise)	Mr.. Jaswinder Singh,Prashant K. Gautam	University Institute of Hotel and Tourism Management	Webology	2021 - 2022	1735-188X
An overview of national education policy of INDIA 2020	Dr Pooja Sood	P.U. S.S. Giri Regional Centre, Hoshiarpur	WHITE BLACK LEGAL LAW JOURNAL	2021 - 2022	2581-8503
CRITICAL ANALYSIS OF THE TRANSGENDER PERSON (PROTECTION OF RIGHT ACT) 2019	DR. POOJA SOOD	P.U. S.S. Giri Regional Centre, Hoshiarpur	WHITE BLACK LEGAL LAW JOURNAL	2021 - 2022	ISSN: 2581-8503
Association of A- and I-type granitoids in the central Aravalli orogen, Rajasthan: Implications for the Neoproterozoic tectonic evolution of north-west India	Jaideep K. Tiwana Parampreet Kaur Naveen Chaudhri	Department of Geology	WILEY Geological Journal	2021 - 2022	1613-6810
Charophytes from the Cretaceous–Palaeogene transition in the Jhilmili intertrappean beds of Central India	Ashu Khosla1 Sachin Kania1 Spencer G. Lucas2 Omkar Verma3	Department of Geology	WILEY Geological Journal	2021 - 2022	1097-0037 ... 493334
Performance Analysis of Novel Wearable Textile Antenna design for medical and wireless applications	Harvinder Kaur	University Institute of Engineering & Technology	Wireless Personal Communication	2021 - 2022	0929-6212
Performance Analysis of Novel Wearable Textile Antenna	Harvinder Kaur, · Paras Chawla	University Institute of Engineering & Technology	Wireless Personal Communication	2021 - 2022	0929-6212
Performance Evaluation of Various Dispersion Compensation Modules	Shivin Aggarwal, Nidhi Garg & Gurpreet Kaur	University Institute of Engineering & Technology	Wireless Personal Communications	2021 - 2022	0929-6212
QACRM: QoS Aware AHP Based Cognitive Route Selection in MANETs	G Singla, S Gupta, L Kaur	University Institute of Engineering & Technology	Wireless Personal Communications	2021 - 2022	issn
Recent Developments in Spatio-Temporal EEG Source Reconstruction Techniques	Kaur C., Singh P., Bisht A., Joshi G., Agrawal S.	University Institute of Engineering & Technology	Wireless Personal Communications	2021 - 2022	0929-6212
Speech Recognition using Enhanced Features with Deep Belief Network for Real Time Application	GURPREET KAUR,Mohit Srivastava, Amod Kumar	University Institute of Engineering & Technology	Wireless Personal Communications	2021 - 2022	0929- 6212

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A Feature Reduced Intrusion Detection System with Optimized SVM Using Big Bang Big Crunch Optimization,	Mohit Nagpal, Akashdeep Sharma, Manisha Kaushal	University Institute of Engineering & Technology	Wireless Personal Communications, 122, pages 1939–1965 (2022)	2021 - 2022	issn
RNA thermometers and other regulatory elements: diversity and importance in bacterial pathogenesis.	Akanksha Sharma, Hema Kumari Alajangi, Giuseppina Pisignano, Vikas Sood, G Singh, Ravi P Barnwal	Department of Biophysics	Wires RNA	2021 - 2022	1757-7012
cop 26: looking for solutions to reducing carbon usage in india	Abhik Ghosh and Shivanshi Nehria	Department of Anthropology	World Focus	2021 - 2022	2230-5083
Evaluation of Tetrofosmin cold kit fractionation using alternative new method of quality control for testing radiochemical purity	5. Nisha Bhatia, Vandana Dhingra, D K Dhawan, Vijayta D Chadha	Centre for Nuclear Medicine	World Journal of Nuclear Medicine	2021 - 2022	1450-1147
Systematic measurements of MX-ray components X-ray fluorescence cross-sections for the elements with $77 \leq Z \leq 92$ by employing laboratory source based energy dispersive X-ray ...	Muhanad Alrakabi, Ashutosh Kapil, Heena Duggal, Samarjit Sihotra, Devinder Mehta, Sanjeev Kumar	Department of Physics	X-Ray Spectrometry	2021 - 2022	1097-4539
Systematic measurements of M X-ray components X-ray fluorescence cross-sections for the elements with $77 < Z < 92$ by employing laboratory source based energy dispersive X-ray florescence setup	Muhanad Alrakabhi et al.	Department of Physics	X-ray spectrum. 2022: 1-13 (2022).	2021 - 2022	X-ray spectrum. 2022: 1-13 (2022).
Impact of Big Five Personality Traits of Influencers on Positive Word of Mouth and Consumer Buying Decision: An Empirical Study Among Consumers	B. B. Goyal	University Business School	YMER	2021 - 2022	0044-0477
ORGANISATIONAL CITIZENSHIP BEHAVIOUR: A LITERATURE SURVEY OF ITS DIMENSIONS AND ANTECEDENTS	Anu Jhamb	University Institute of Engineering & Technology	ZENITH International Journal of Multidisciplinary Research	2021 - 2022	2231-5780
A new species of the genus Platycleis Fieber, 1853 (Orthoptera: Tettigoniidae) from the Western and Trans Himalayas, India	Jaiswara, Ranjana, Muzamil Syed Shah, A. H. S. A. N. Ali, NEELIMA R. Kumar, and Mohd Kamil Usmani.	Department of Zoology	Zootaxa	2021 - 2022	ISSN 1175-5326 (Print Edition) && ISSN 1175-5334 (Online Edition)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Revision of the high-altitude genus Hyphinomos Uvarov, 1921 (Orthoptera: Tettigoniidae) with a redescription and new data on mating behavior and acoustic signals of H. svenhedini Ramme, 1950	Ali, A.* , Jaiswara, R.* , Monaal, Kumar, N. R., Bharti, U. & Heller, G. R.	Department of Zoology	Zootaxa	2021 - 2022	ISSN 1175-5326 (Print Edition) & ISSN 1175-5334 (Online Edition)
Taxonomic revision of Teleogryllus mitratus (Burmeister, 1838) and T. occipitalis (Serville, 1838) in India, with the description of Teleogryllus rohinae Jaiswara & Jain sp. nov. and a key for Teleogryllus species from India (Orthoptera: Gryllidae)	Jaiswara, R. Desutter-Grandcolas, L. & Jain, M.	Department of Zoology	Zootaxa	2021 - 2022	ISSN 1175-5326 (Print Edition) & ISSN 1175-5334 (Online Edition)
COVID-19 pandemic and sudden rise in crop residue burning in India: issues and prospects for sustainable crop residue management.	Suman Mor	Department of Environment Studies	Environmental Science and Pollution Research	2020 - 2021	2455-0272
Identification phytochemicals as potential therapeutic agents that binds to Nsp15 protein target coronavirus (SARS-CoV-2) that are capable of inhibiting virus replication	Dr. Ashok Kumar	Centre for System Biology & Bioinformatics	"Phytomedicine	2020 - 2021	0944-7113
Optical properties of (Se80Te20)100-xZnx ($2 \leq x \leq 6$) amorphous thin films,	Kumar, A., Singh, V., Sharma, P., Goyal, N	Department of Physics	(2020) Journal of Non-Crystalline Solids, 531, art. no. 119848, .	2020 - 2021	2590-1591
Study of structural, optical and electrochemical properties of ZnO nanostructures and ZnO-PANI nanocomposites,	Suman, Goyal, N., Prabhakar, N., Kumar, R	Department of Physics	(2020) Materials Research Express, 7 (2), art. no. 025024.	2020 - 2021	2053-1591
Investigating phase transition and morphology of Bi-Te thermoelectric system	Thakur, V., Upadhyay, K., Kaur, R., Goyal, N., Gautam, S	Department of Physics	(2020) Materials Today Advances, 8, art. no. 100082.	2020 - 2021	2590-0498
Influence of Cu doping on the local electronic and magnetic properties of ZnO nanostructures	Bhardwaj, R., Bharti, A., Singh, J.P., Chae, K.H., Goyal, N	Department of Physics	(2020) Nanoscale Advances, 2 (10), pp. 4450-4463.	2020 - 2021	2516-0230
Real-time synthesis and detection of plasmonic metal (Au, Ag) nanoparticles under monochromatic X-ray nano-tomography	Bharti, A., Chae, K.H., Goyal, N	Department of Physics	(2020) Scientific Reports, 10 (1), art. no. 20877.	2020 - 2021	2045-2322
Electronic structural study of defect-induced magnetism in Co doped ZnO nanostructure	Bhardwaj, R., Chae, K.H., Goyal, N.,	Department of Physics	(2020) Vacuum, 178, art. no. 109446	2020 - 2021	1879-2715

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
The correlation of restivity with the crystal size present in Silicon nanowires through confinement base models	Vikas Kashyap, Chander Kumar, Neeru Chaudhary, Navdeep Goyal, Kapil Saxena	Department of Physics	(2021) Materials Letters, 301, 130312.	2020 - 2021	0167-577X
Extensive study of optical contrast between bulk and nanoscale transition metal dichalcogenide semiconductors	Parmar A, Kaur J, Sharma M.D., Goyal N	Department of Physics	(2021), Journal of Semiconductors, 1, 71.	2020 - 2021	1674-4926
Ladakh Mein Urdu Novel	Mohd. Shareef	Department of Urdu	(Tahzeeb-ul-Akhlaq)	2020 - 2021	ISSN – 2348-2257
Temperature-dependent opto-electronic properties of Ge ₂ Sb ₄ Te ₂ thin films	Kaur, J., Parmar, A., Tripathi, S.K., Goyal, N.	Department of Physics	, (2020) Phase Transitions, 93 (1), pp. 134-147.	2020 - 2021	0141-1594
Estimation of stature from hand dimensions among adult Rajbanshi individuals of Eastern India	Dr. Kewal Krishan	Department of Anthropology	, Journal of the Indian Academy of Forensic Medicine 2020	2020 - 2021	0971-0973
Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019,	Dr. Kewal Krishan	Department of Anthropology	, The Lancet 2020; 396 (10258):1160-1203. doi:10.1016/S0140-6736(20)30977-6.	2020 - 2021	0140-6736
Impact of Coronavirus Pandemic on Hospitality Industry with Special Reference to India.	Ranga, A., Slath, A. and Singh, Kulwinder	University Business School	. International Journal of Advanced Research	2020 - 2021	2320-5407
Identification and characterization of SlbHLH, SlDof and SlWRKY transcription factors interacting with SlDPD gene involved in costunolide biosynthesis in Saussurea lappa.	Thakur V, Bains S, Kaur R, Singh K	Department of Biotechnology	. International Journal of Biological Macromolecules,	2020 - 2021	0141-8130
Critical Negotiations: Between Resistance and Appropriation, dialog, No. 37,	Prof. Akshaya Kumar	Department of English & Cultural Studies	: Research Papers in Peer Review Journals	2020 - 2021	0975-4881
Yashadev Shalya Ka Kavya Vimarsh	Sudhir Kumar	Department of Evening Studies	“ Madhumati	2020 - 2021	23215569
Isolation and characterization of a novel hydrocarbonoclastic and biosurfactant producing bacterial strain: Fictibacillus phosphorivorans RP3	Pandey, R., Sharma, P., Rathee, S., Singh, H.P., Batish, D. R., Krishnamurthy, B., Kohli, R.K.	Department of Botany	3 Biotech	2020 - 2021	2190572X
An alternate approach to solve two-level hierarchical time minimization transportation problem	P. Kaur, Anuj Sharma, V. Verma and K. Dahiya	Department of Computer Science & Applications	4OR	2020 - 2021	1619-4500
Mechanistic Details and Conformational Behaviour of Selective Peptide Linkage Facilitated by Aun Clusters	S Yadav M Springborg S Singhal M Molayem N Goel	Department of Chemistry	5 (2020), 8352-8362 Chemistry Select	2020 - 2021	2365-6549

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Iso-Conversional Analysis of AmorphousCrystalline Transformation in Chalcogenide Semiconducting Glasses. In book: Semiconductor Materials (Volume-1) (pp.1-15):	Balbir Singh Patial, Nagesh Thakur and S.K. Tripathi	Department of Physics	978-93-90420-46-9	2020 - 2021	978-93-90420-46-9
National Security and Changing Foreign Policy in INDIA	Dr. Balbinder Kumar	P.U. S.S. Giri Regional Centre, Hoshiarpur	A DAV International Journal of Social Sciences	2020 - 2021	2394-2452
Stimuli-responsive in situ gelling systems loaded with PLGA nanoparticles of moxifloxacin hydrochloride for effective treatment of periodontitis	"Beg, S., Dhiman, S., Sharma, T., Jain, A., Sharma, R.K., Jain, A. & Singh, B."	University Institute of Pharmaceutical Sciences	AAPS Pharm Sci Tech	2020 - 2021	15309932
Autophagy-Inducing Inhalable Co-Crystal Formulation of Niclosamide-Nicotinamide for Lung Cancer Therapy	Eupa Ray, Kalpesh Vaghasiya, Ankur Sharma, Rahul Shukla, Rehan Khan, Anil Kumar, Rahul Kumar Verma	University Institute of Pharmaceutical Sciences	AAPS PharmSciTech	2020 - 2021	1530-9932
Doxorubicin-Loaded Mixed Micelles for the Effective Management of Skin Carcinoma: In Vivo Anti-Tumor Activity and Biodistribution Studies	Preet Simran	Department of Biophysics	AAPS PharmSciTech	2020 - 2021	1530-9932
A Novel Attack on Monochrome and GreyscaleDevanagariCAPTCHAs	Mohinder Kumar, Manish Kumar, Munish Kumar	P.U. Regional Centre, Muktsar	ACMTransactionsonAsianandLow-ResourceLanguageInformationProcessing	2020 - 2021	2375-4699
Benzimidazole-Based Organic–Inorganic Gold Nanohybrids Suppress Invasiveness of Cancer Cells by Modulating EMT Signaling Cascade	Dhanwal, V., Katoch, A., Nayak, D., Chakraborty, S., Gupta, R., Kumar, A., Gupta, P. N., Singh, N.,	Department of Chemistry	ACS Applied Bio Materials	2020 - 2021	2576-6422
Development of an Ionic Liquid@Metal-Based Nanocomposite-Loaded Hierarchical Hydrophobic Surface to the Aluminum Substrate for Antibacterial Properties	D. Bains, G. Singh, N. Kaur, N. Singh	Department of Chemistry	ACS Applied Bio Materials	2020 - 2021	2576-6422
Efficient Photodynamic Therapy against Gram-Positive and Gram-Negative Bacteria Using Rose Bengal Encapsulated in Metalloctanionic Vesicles in the Presence of Visible Light	Bunty Sharma, Vipul Thakur, Gurpreet Kaur* Ganga Ram Chaudhary	Department of Chemistry	ACS Applied Bio Materials	2020 - 2021	2576-6422

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Excited-State Intramolecular Hydrogen-Bonding-Assisted Restricted Rotation: A Mechanism for Monitoring Intracellular Viscosity and Distinguishing Malignant, Differentiating, and Apoptotic Cancer Cells	Mayank, Singh, J., Singh, A., Nayak, N., Garg, N., Kaur, N., Singh, N	Department of Chemistry	ACS Applied Bio Materials	2020 - 2021	2576-6422
Interplay of Self-Assembling Aromatic Amino Acids and Functionalized Gold Nanoparticles Generating Supramolecular Structures	Nishima	University Institute of Engineering & Technology	ACS Applied Bio Materials	2020 - 2021	ISSN 25766422
Poly-L-lysine-Functionalized Green-Light-Emitting Carbon Dots as a Fluorescence Turn-on Sensor for Ultrasensitive Detection of Endotoxin	Meenakshi Thakur, Abhijit Dan	Department of Chemistry	ACS Applied Bio Materials	2020 - 2021	2576-6422
Robust Ferromagnetism in Li-Intercalated and -Deintercalated MoS ₂ Nanosheets: Implications for 2D Spintronics	Rohini Sanikop, Akshay Kumar Budumuru, Sanjeev Gautam, Keun Hwa Chae, Chandran Sudakar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	ACS Applied Nano Materials	2020 - 2021	2574-0970
Spherical MoO ₃ Nanoparticles for Photocatalytic Removal of Eriochrome Black T	Jaspreet Kaur, Khushwinder Kaur, Naveed Pervaiz, Surinder K Mehta	Department of Chemistry	ACS Applied Nano Materials	2020 - 2021	2574-0970
Systematic In Silico Design, Synthesis, and Biological Studies of Some Novel 1,4-Benzoquinone Derivatives for the Prospective Management of Cognitive Decline.	Silakari, P. & Piplani, P.	University Institute of Pharmaceutical Sciences	ACS Chemical Neuroscience. 12(9):1648-1666 (2021).	2020 - 2021	1648–1666
Targeted Metabolite Profiling of Five Cultivars of Vitis vinifera L. Fruits.	Anshu Alok, Shivi Tyagi, Kashmir Singh, and Ashutosh Pandey	Department of Biotechnology	ACS Food Science & Technology	2020 - 2021	2692-1944
Facially Amphiphilic Cholic Acid–Lysine Conjugates as Promising Antimicrobials	Poonam Singla, Mahaldeep Kaur, Anjna Kumari, Laxmi Kumari, Deepak B. Salunke	Department of Chemistry	ACS Omega	2020 - 2021	3952-3963
Nanohydroxyapatite, gelatin and acrylic acid based novel dental restorative material	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	ACS Omega	2020 - 2021	2470-1343
Yb(OTf) ₃ -Catalyzed and Di-tert-butyl Dicarbonate-Mediated Decarboxylative Etherification and Esterification Reactions	Arshpreet Kaur, Arshdeep Pannu, Deshkanwar S. Brar, Surinder K. Mehta, and Deepak B. Salunke	Department of Chemistry	ACS Omega	2020 - 2021	24701343
Novel coronavirus (SARS-CoV-2) resistance in African populations: A cause worth exploring	Dr. Kewal Krishan	Department of Anthropology	Acta Biomedica,	2020 - 2021	0392-4203

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Possible modes of transmission of Novel coronavirus SARS-CoV-2: a review	Dr. Kewal Krishan	Department of Anthropology	Acta Biomedica,91(3): e2020036.	2020 - 2021	0392-4203
Exploring the emergence of vertical transmission of SARS-CoV-2: A Rapid Review	Dr. Kewal Krishan	Department of Anthropology	Acta Biomedica91(4):e2020129	2020 - 2021	0392-4203
Agony of the laborers and daily wagers during the COVID-19 induced lockdown in India	Dr. Kewal Krishan	Department of Anthropology	Acta Biomedica91(4):e2020141	2020 - 2021	0392-4203
U100: An Innovative USERN Platform for Education and Research Without Borders	Sara Momtazmanesh, Farzaneh Rahmani, Farnaz Delavari, Deepak Salunke	Department of Chemistry	Acta Medica Iranica	2020 - 2021	
Induced star-triangle factors of graphs	Surinder Pal Singh Kainth	Department of Mathematics	Acta Univ. Sapientiae, Mathematica	2020 - 2021	1844-6094
Assessment of body weight from percutaneous widths of the bones and joints-Implications in forensic and clinical examinations	Dr Kewal Krishan	Department of Anthropology	ActaBiomedica	2020 - 2021	0392-4203
COVID-19 and the need for stringent rules on data sharing	Dr Kewal Krishan	Department of Anthropology	ActaBiomedica	2020 - 2021	0392-4203
Inexplicable COVID-19! Would pathological autopsy be the panacea	Dr Kewal Krishan	Department of Anthropology	ActaBiomedica	2020 - 2021	0392-4203
Sex estimation from fingerprint ridge density- A review of literature	Dr Kewal Krishan	Department of Anthropology	ActaBiomedica	2020 - 2021	0392-4203
Evaluation of Housing Policy in India : A study of Ashiana Scheme in Panchkula District, Haryana	Dr. Purva Mishra	University School of Open Learning	Administrative Development	2020 - 2021	ISSN No. 2319-2976
Post-Pictet-Spengler Cyclization (PPSC): A Strategy to Synthesize Polycyclic β -Carboline-Derived Natural Products and Biologically Active N-Heterocycles	Rahul Singh, Sunil Kumar, Madhuri T. Patil, Chung-Ming Sun, and Deepak B. Salunke	Department of Chemistry	Adv. Synth. Catal.	2020 - 2021	4027-4077
Elderly patients and the role of nurses and caregivers in home health care- An anthropological perspective	A.K Sinha	Department of Anthropology	Advance research journal of social science	2020 - 2021	0976-5611
Interpenetrating Polymer Networks in Sustained Drug-Releasing	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Advanced Biopolymeric Systems for Drug Delivery	2020 - 2021	978-3-030-46923-8
Carbon Fibers: Surface Modification Strategies and Biomedical Applications	Bansal, Suneev Anil, Javad Karimi, Amrinder Pal Singh, and Suresh Kumar	University Institute of Engineering & Technology	Advanced Manufacturing and Processing Technology	2020 - 2021	9.78043E+12
Role of C-Terminal Methylation and Side Chain Guanidinium Group of Arginine in Stabilization of Gold Nanoparticles	Manish Bajaj and Rohit K. Sharma	Department of Chemistry	Advanced Pharmaceutical bulletins	2020 - 2021	2228-5881

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Cu-BTC metal organic framework (MOF) derived Cu-doped TiO2 nanoparticles and their use as visible light active photocatalyst for the decomposition of ofloxacin (OFX) antibiotic and antibacterial activity	R. Kaur, A. Kaur, R. Kaur, S. Singh, M. S. Bhatti, A. Umar, S. Baskoutas, S. K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Advanced Powder Technology	2020 - 2021	0921-8831
Regeneration and Genetic Fidelity Analysis of Chlorophytum borivillianum using Flower Stalk as explant source.	Kaushal N, Alok A, Kajal M, Singh K (	Department of Biotechnology	Advances in Biosciences and Biotechnology,	2020 - 2021	2156-8456
A robust methodology for creating large image datasets using a universal format	Singh, G., Agrawal, S., Sohi, B.S	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2020 - 2021	2194-5357
An Approach Towards IoT-Based Healthcare Management System	Singla K., Arora R., Kaushal S.	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2020 - 2021	21945357
Framework for SIP-Based VoIP System with High Availability and Failover Capabilities: A Qualitative and Quantitative Analysis	Chauhan A., Mahajan N., Kumar H., Kaushal S.	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2020 - 2021	978-981150935-3/21945357
Intelligent Monitoring of Bearings Using Node MCU Module	Kumar S., Sehgal S., Kumar H., Singh S.	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2020 - 2021	21945357
Nature-Inspired Metaheuristics in Cloud: A Review	Abrol P., Guupta S., Singh S.	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2020 - 2021	21945357
Real-Time Detection of Inter-Frame Video Forgeries in Surveillance Videos	Saluja K., Aggarwal N.	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2020 - 2021	21945365, 21945357
Review of Recent Plagiarism Detection Techniques and Their Performance Comparison	Kaur M., Gupta V., Kaur R.	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2020 - 2021	21945365, 21945357
Rio olympics 2016 on twitter: A descriptive analysis	Sharma S., Gupta V.	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2020 - 2021	21945365, 21945357
Development and characterisation of microwave processed SS2205 joints	Kumar, V., & Sehgal	University Institute of Engineering & Technology	Advances in Materials and Processing Technologies	2020 - 2021	NA
Some generalizations of good integers and their applications in the study of self-dual negacyclic codes	Madhu Raka	Department of Mathematics	Advances in Mathematics of Communications	2020 - 2021	1930-5346
Mechanical Characterization of Polycarbonate-Graphene Oxide (PCG) Nanocomposite	Jaskaran Singh, Suneev Anil Bansal, and Amrinder Pal Singh.	University Institute of Engineering & Technology	Advances in Production and Industrial Engineering	2020 - 2021	pp 103-110
Aesthetics of Representing Cultural Paradigms in Rushdie	Dr. Meenu Gupta	Department of English & Cultural Studies	aesthetics of Representing Cultural Paradigms in Rushdie	2020 - 2021	2576-0556
Political Economy of Capitalist Development in Punjab Agriculture	Singh, Paramjit	Department of Economics	Agrarian South: Journal of Political Economy, Vol. 9, No. 2	2020 - 2021	ISSN 2279760

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Screening the FIGS set of lentil (Lens culinaris Medikus) germplasm for tolerance to terminal heat and combined drought-heat stress.	Prof. Harsh Nayyar	Department of Botany	Agronomy	2020 - 2021	ISSN:1365-3040
A systematic review on recent progress in advanced joining techniques of the lightweight materials	Bahl, S., Singh, T., Kumar, V., Sehgal, S., & Bagha, A. K.	University Institute of Engineering & Technology	AIMS Materials Science	2020 - 2021	2372-0468 / 2372-0484
Effect of biaxial strain on electronic transport coefficients of monolayer MoS2	Gurpal Singh Khosa, Ranjan Kumar, Shuchi Gupta	Department of Physics	AIP Conference Proceedings	2020 - 2021	1551-7616
Pressure induced enhancement in the power factor of p-type LiScSi half-Heusler alloy	Anuradha Saini, Ranber Singh, Ranjan Kumar	Department of Physics	AIP Conference Proceedings	2020 - 2021	1551-7616
Promising thermoelectric performance in Sb-Sn co-substituted bismuth telluride thin films.	Sukhdeep Singh, Silky Jindal and S.K.Tripathi	Department of Physics	AIP Conference Proceedings	2020 - 2021	1551-7616
Structural, electronic and thermoelectric properties of two-dimensional GeSe bilayer	Shagun Nag, Ranber Singh, Ranjan Kumar	Department of Physics	AIP Conference Proceedings	2020 - 2021	0094-243X
Optical dispersive constants of planarheterojunction TAPC/C70 bilayer.	Sheenam Sachdeva, Devinder Singh and S. K.Tripathi	Department of Physics	AIP Conference Proceedings 2265(1) (2020)	2020 - 2021	1551-7616
Highly conducting polyaniline sensor towards detection of benzene vapours	Isha gawri, K.P. Singh and S. K.Tripathi	Department of Physics	AIP Conference Proceedings 2265(1):030075 (2020)	2020 - 2021	1551-7616
Graphene oxide nanoribbons decorated with Cu and CuO as H2S gas sensor optimized with DFT	Dr Ramesh K Sharma	University Centre of Instrumentation and Micro-Electronics	AIP Publishing LLC	2020 - 2021	not known
Learning through Drama Experience	Dr. Navdeep Kaur	Department of Indian Theatre	AJANTA	2020 - 2021	2277-5730
Women Empowerment: A Boost through Media	Dr. Navdeep Kaur	Department of Indian Theatre	AJANTA	2020 - 2021	2277-5730
Transitivity of perspectivity	Dinesh Khurana	Department of Mathematics	Algebras and Representation Theory	2020 - 2021	1386-923X
Modulation Techniques for Next-Generation Wireless Communication-5G	Sanjeev Kumar, Preeti Singh, Neha Gupta	University Institute of Engineering & Technology	Algorithms for Intelligent Systems	2020 - 2021	2524-7565
Muscle Artifact Detection in EEG Signal Using DTW Based Thresholding.	Bisht A., Singh P.	University Institute of Engineering & Technology	Algorithms for Intelligent Systems	2020 - 2021	
Optimal Strategy for Obtaining Excellent Energy Storage Density in Polymer Nanocomposite Materials	Daljeet Kaur, Tripti Sharma and Charu Madhu	University Institute of Engineering & Technology	Algorithms for Intelligent Systems	2020 - 2021	
All together to Fight Novel Coronavirus Disease (COVID-19)	Sara Momtazmanesh, Hans D. Ochs, Lucina Q. Uddin, Matjaz Perc, Deepak B. Salunke	Department of Chemistry	Am. J. Trop. Med. Hyg.	2020 - 2021	1181-1183
A novel multi-enzyme preparation produced from Aspergillus niger using biodegradable waste: a possible option to combat heterogeneous biofilms.	Kaur, A., Rishi, V., Soni, S.K. and Rishi, P.,	Department of Microbiology	AMB Express	2020 - 2021	468991

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Cocktail of carbohydrases from Aspergillus niger: an economical and eco-friendly option for biofilm clearance from biopolymer surfaces.	Kaur, A., Soni, S.K., Vij, S. and Rishi, P.,	Department of Microbiology	AMB Express	2020 - 2021	2191-0855
Poona Pact, Affirmative Action and Dalit Social Mobility,	Prof. Ronki Ram	Department of Political Science	Ambedkar Times	2020 - 2021	
Bayesian Estimation of the Polynomial Time Trend AR(1) Model through Spline Function	V. Agiwal, J. Kumar and Narinder Kumar	Department of Statistics	American Journal of Mathematical and Management Sciences	2020 - 2021	0196-6324
Therapeutic potential of Allium sativum against the A? (1-40) -induced oxidative stress and mitochondrial dysfunction in the Wistar rats.	Neetu Saini, Monika Kadian, Alka khera, Aanchal Aggarwal, Anil Kumar.	University Institute of Pharmaceutical Sciences	American Journal of Neurodegenerative Diseases	2020 - 2021	2165-591X
Re-aligning the Indian Legal Education System for Learning, Innovation and Service	Dr Amita Verma and Smriti Kanwar	University Institute of Legal Studies	Amity Law Review, Vol 16	2020 - 2021	issn 2249-2232
Effects of Pranayamas of Lifestyle Pattern of Females with symptoms of premenstrual Disorders	Dalwinder Singh	Department of Physical Education	An International Journal of Creative Research Thoughts (IJCRT)	2020 - 2021	2320-2882
Flow State in Closed Skill Athletes: A Key to Optimal Performance	Dalwinder Singh	Department of Physical Education	An International Multidisciplinary Quarterly Bilingual Peer Reviewed Refereed Research Journal	2020 - 2021	2229-3620
An electrochemical aptasensor for analysis of MUC1 using gold platinum bimetallic nanoparticles deposited carboxylated graphene oxide.	Prof. Navneet Agnihotri	Department of Biochemistry	Analytica Chimica Acta	2020 - 2021	0003-2670
Electrochemical biosensor for miRNA-21 based on gold-platinum bimetallic nanoparticles coated 3-aminopropyltriethoxy silane	Dr.Nirmal Prabhakar	Department of Biochemistry	Analytical Biochemistry	2020 - 2021	ISSN : 0003-2697
Implementation of Analytical Quality-by-Design for developing a robust HPLC method for quantitative estimation of voriconazole: Application in drug formulations.?	Kaur, R., Saini, S., Sharma, T., Katare, O.P., Kaushik, A. and Singh, B.	University Institute of Pharmaceutical Sciences	Analytical Chemistry Letters,?11(2), 168-186.	2020 - 2021	456
Selenium attenuates bisphenol A incurred damage and apoptosis in mice testes by regulating mitogen-activated protein kinase signalling	Kaur, Sarvnrinder	Department of Biophysics	Andrologia	2020 - 2021	ISSN:0303-4569E- ISSN:1439-0272
Selenium attenuates bisphenol A incurred damage and apoptosis in mice testes by regulating mitogen-activated protein kinase signalling	Sarvnrinder kaur	Department of Biophysics	Andrologia	2020 - 2021	3034569

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Studies on the ameliorative potential of dietary supplemented selenium on doxorubicin-induced testicular damage in mice	Kaur, Sarvnrinder	Department of Biophysics	Andrologia	2020 - 2021	ISSN:0303-4569E-ISSN:1439-0272
Studies on the ameliorative potential of dietary supplemented selenium on doxorubicin-induced testicular damage in mice.	Sarvnrinder kaur	Department of Biophysics	Andrologia	2020 - 2021	3034569
A new stratigraphic occurrence of the taxon Pagetia (Trilobita) from the Spiti region: and its biostratigraphic significance in correlation of the Wuliuan Stage (Miaolingian Series) in the Kashmir and the Spiti regions (Tethyan Himalaya), India	Singh, B.P., Yuan, J-L., Bhargava, O.N., Singla, G., Kaur, R., Stopden, S., Morrison, S., Sati, M	Department of Geology	Annales de Paleontologie	2020 - 2021	0753-3969
Possible pharmacodynamics interaction of azelnidipine with citocoline against ischemic brain injury: behavioural, biochemical histological alterations	Varun Gupta, Zein Eddin Bader, Aakriti and Anil Kumar	University Institute of Pharmaceutical Sciences	Annals of Neuroscience	2020 - 2021	09763260, 09727531
A modified unscented transformation method for uncertainty propagation in neutron induced cross section measurement	Jagjit Singh	University Institute of Engineering & Technology	Annals of Nuclear Energy	2020 - 2021	ISSN: 0306-4549
In-silico Analysis and Molecular Dynamics Simulations of Lysozyme by GROMACS 2020.2	Dr. Ashok Kumar	Centre for System Biology & Bioinformatics	Annals of R.S.C.B	2020 - 2021	1583-6258
Nanofluids for Sustainability of Thermal Industries	Jodh Singh	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Annual Technical Volume of Mechanical Engineering Division Board, The Institution of Engineers (India)	2020 - 2021	978-81-950662-1-6
Identifying The Challenges In Implementation of Health Policies at Primary Health Centre Level	Dr. Simran Kaur	Department of Evening Studies	Anthology The Research	2020 - 2021	2456-4397
Does body mass index have an effect on the prevalence of various symptoms of polycystic ovary syndrome and their associated risk factors?	Dr. Maninder Kaur	Department of Anthropology	Anthropological Review The Journal of Polish Anthropological Society	2020 - 2021	2083-4594
Does body mass index has an effect on the prevalence of various symptoms of polycystic ovary syndrome and their associated risk factors.	Raminder kaur, Maninder kaur and Vanita Suri	Department of Anthropology	Anthropological Review- The Journal of Polish Anthropological Society. 84(2): 101-116.	2020 - 2021	ISSN: 2083-4594 ISSN: 1898-6773
Identification of sex using discriminant function analysis of fingerprint ridge density at three topological areas among North Indian population.	Dr. Maninder Kaur	Department of Anthropology	Anthropological Review, 83(4), 349-361.	2020 - 2021	2083-4594

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Identification of Mutations Conferring Tryptanthrin Resistance to Mycobacterium smegmatis	Svetlana G. Frolova , Ksenia M. Klimina, Ravinder Kumar, Aleksey A. Vatlin , Deepak B. Salunke	Department of Chemistry	Antibiotics	2020 - 2021	6
Prayaas Karte Rahiye Parinam Awashya Niklega(Interview) pages 29-32	Prof. Satyapal Sehgal	Department of Hindi	Anveshi	2020 - 2021	
Skew constacyclic codes over a non-chain ring $F_q[u,v]/\langle f(u),g(v),uv-vu \rangle$	Madhu Raka	Department of Mathematics	Applicable Algebra in Engineering, Communication and Computing	2020 - 2021	0938-1279
Geomorphic mapping and investigation of the uplifted piedmont zone between Haridwar and Kotdwar, Indo-Gangetic Plain, India	Kralia, A. and Thakur, M.	Department of Geology	Applied Computing and Geosciences	2020 - 2021	22122108327
Voltage profile improvement using demand side management in distribution networks under frequency linked pricing regime	Preeti Gupta, Y P Verma	University Institute of Engineering & Technology	Applied Energy, Volume 295, pages 117053	2020 - 2021	0306-2619
Dichiral [4.4.3.01,5]tridecane copper(II) cluster derived from a tripodal ligand having unsymmetrical podands and the linker: Synthesis, structure, surface grafting and catalytic aspects	Hemant Singh, Navneet Taya, Jyoti Agarwal, Raghubir Singh, Varinder Kaur	Department of Chemistry	Applied organometallic chemistry	2020 - 2021	1099-0739
Ab initio study of effect of Se vacancies on the electronic and thermoelectric properties of the two-dimensional Mo Se2 monolayer	Ranjan Kumar	Department of Physics	Applied Physics A	2020 - 2021	127:635
Energy Storage in Earth-Abundant Dolomite Minerals	Sesha Srinivasan, Dominic Dodson, Mc Ben Joe Charles, Scott L Wallen, Gary Albarelli, Ajeet Kaushik,	Department of Chemistry	Applied Sciences	2020 - 2021	1454-5101
TB-CoAuth: Text based continuous authentication for detecting compromised accounts in social networks	Ravneet Kaur, Sarbjeet Singh and Harish Kumar	University Institute of Engineering & Technology	Applied Soft Computing	2020 - 2021	15684946
Niosomes as efficient drug delivery modules for encapsulation of Toll-like receptor 7 agonists and IDO-inhibitor	Jyoti Rathee, Rohini Kanwar, Deepender Kaushik, Deepak B Salunke, Surinder K Mehta	Department of Chemistry	Applied Surface Science	2020 - 2021	144078
Niosomes as Efficient Drug Delivery Modules for Encapsulation of Toll-Like Receptor 7 Agonists and IDO-Inhibitor.	Rathee, J.; Kanwar, R.; Kaushik, D.; Salunke, D. B.; Mehta, S. K.	Department of Chemistry	Applied Surface Science	2020 - 2021	144078

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Ultralow lattice thermal conductivity and anisotropic thermoelectric performance of AA stacked SnSe bilayer	Shagun Nag, Anuradha Saini, Ranber Singh, Ranjan Kumar	Department of Physics	Applied Surface Science	2020 - 2021	0169-4332
Probing on crystallographic structural and surface morphology of hydrothermally synthesized MoS2 nanoflowers consisting of nanosheets	Naveen Kumar, Piyush Siroha, Yashpal Sharma, Davender Singh, Kajal Kumar Dey, Rajesh Kumar, Hitesh B	Department of Physics	Applied Surface Science Advances	2020 - 2021	2666-5239
Cleaner way for overall water splitting reaction by using palladium and cobalt based nanocomposites prepared from mixed metallosurfactants	Pardeep kaushika, Gurpreet Kaura*, Ganga Ram Chaudharya and Uma Batra	Department of Chemistry	Applied surface science, 556, 149769	2020 - 2021	0169-4332
Optical and electrochemical recognition studies of anions via novel benzothiazole azo-derivative	Ranjeet Kaur, Gargi Dhaka, Parkash Singh, Shweta Rana, Navneet Kaur	Department of Chemistry	Arabian Journal of Chemistry	2020 - 2021	1878-5352
Optical and electrochemical recognition studies of anions via novel benzothiazoleazo-derivative	Ranjeet Kaur, Gargi Dhaka, Parkash Singh, Shweta Rana, Navneet Kaur	Department of Chemistry	Arabian Journal of Chemistry	2020 - 2021	1878-5352
Proto-Indian Cranio metric Identity Established in India by the Middle Holocene	Dr. Gayathiri Pathmanathan	Department of Anthropology	Archaeological Research in Asia	2020 - 2021	2352-2267
Facile synthesis of C6-substituted benz[4,5]imidazo[1,2-a] quinoxaline derivatives and their anticancer evaluation	Rahul Singh, Ravinder Kumar, Mallesh Pandrala, Parleen Kaur, Saloni Gupta, Deepak B. Salunke et al	Department of Chemistry	Archiv der Pharmazie	2020 - 2021	2000393
A Review of Deep Learning Techniques in Document Image Word Spotting	L. Kumari and Anuj Sharma	Department of Computer Science & Applications	Archives of Computational Methods in Engineering	2020 - 2021	1134-3060
A systematic Survey on CAPTCHA Recognition:Types, Creation and Breaking Techniques	Mohinder Kumar, Manish Kumar, Munish Kumar	P.U. Regional Centre, Muktsar	Archives of Computational Methods in Engineering	2020 - 2021	1134-3060
Structural health monitoring of composite materials	Singh, T., & Sehgal, S.	University Institute of Engineering & Technology	Archives of Computational Methods in Engineering	2020 - 2021	NA
Numerical and Experimental Studies on Performance Enhancement of Journal Bearings Using Nanoparticles Based Lubricants	Rajeev Kumar Dang,Deepam Goyal, Amit Chauhan & S. S. Dhami	P.U. S.S. Giri Regional Centre, Hoshiarpur	Archives of Computational Methods in Engineering 28 (5), 3887-3915	2020 - 2021	1886-1784
COVID-19 sets off mass migration in India	Dr. Kewal Krishan	Department of Anthropology	Archives of Medical Research 51(7);736-738, Elsevier Science,	2020 - 2021	0188-4409
Paid News Pandemic: Undermining Constitutional Democracy	Bharat	University Institute of Legal Studies	Army Institute of Law Journal	2020 - 2021	0975-8208

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The New Plastics Economy: Today's Opportunity and Tomorrow's Reality	Dr. Dinesh Kumar	Department of Laws	Army Institute of Law Journal, Vol. XIV, 2021	2020 - 2021	0975-8208
Social Distancing' the Rights and Freedoms during COVID-19: Comparing Perspectives Between India and Canada	Shruti Bedi & Sebastien Lafrance	University Institute of Legal Studies	Army Institute of Law Journal, Vol. XIV, 2021, pp. 259-278	2020 - 2021	0975-8208
Sexual Harassment of Women: A Study with Reference to Educational Institutions in Chandigarh	Dr. BABITA DEVI	Department of Laws	Army Institute of Law journal, Volume: XIII, (2020)	2020 - 2021	0975-8208
A survey on information hiding using video steganography	Dalal M., Juneja M.	University Institute of Engineering & Technology	Artificial Intelligence Review	2020 - 2021	1573-7462
Ancient text recognition: a review	S. R. Narang, M. K. Jindal and M. Kumar	P.U. Regional Centre, Muktsar	Artificial Intelligence Review	2020 - 2021	1573-7462
Understanding the L-shell ionization mechanism through osmium atoms bombarded by 4-6 MeV/u fluorine ions	Soumya Chatterjee, Sunil Kumar, Sarvesh Kumar, M Oswal, Biraja Mohanty, D Mehta, D Mitra, AMP Mendez	Department of Physics	arXiv preprint	2020 - 2021	
Collaborative Governance for Urban Sustainability: Implementing Solar Cities	Dr. Bharati Garg (Co-Author)	Department of Public Administration	Asia Pacific Journal of Public Administration	2020 - 2021	2327-6673
Regenerable radical-trapping and preventive selenazolonamine antioxidants	Manish Kumar, Manisha Yadav, Babli Chhillar and Vijay Pal Singh	Department of Chemistry	Asian Journal of Organic Chemistry 2021, 10, 1492-1499	2020 - 2021	10.1002/ajoc.202100169
Protective Potential of Lycopene Enriched Tomato Extract against Dexamethasone Induced Hepatic and Renal Damage in Mice	Koul, Ashwani	Department of Biophysics	Asian Journal of Research in Biochemistry	2020 - 2021	(ISSN: 2582-0516)
Menstrual Hygiene Management among Rural Wome in Punjab (India)	Namita Gupta	Centre for Human Rights & Duties	Asian Journal Research in Social and Humanities	2020 - 2021	
Immunostimulatory role of rBmHSP60 from filarial parasite Brugia malayi	V Kushwaha, S Kaur	Department of Zoology	Asian Pacific Journal of Tropical Biomedicine	2020 - 2021	2221-1691
Adolscents' screen time & usage of electronic devices:exploring their digital connections	Navneet Arora	University Institute of Legal Studies	Asian Resonance	2020 - 2021	9768602
Challenges faced by Unmarried Tribal Women: A Study of Kinnaura Tribe	Dr. Reena Rani Chaudhary	University School of Open Learning	Asian Resonance	2020 - 2021	ISSN No. 0976-8602
Moderation-mediation framework connecting internal branding, affective commitment, employee engagement and job satisfaction: an empirical study of BPO employees in Indian context pp327 – 348	P. Kaur,. Malhotra K Sharma S K	University Institute of Applied Management Sciences	Asia-Pacific Journal of Business Administration Vol. 12(3-4), (2020)	2020 - 2021	1757-4323
Gas-phase stereoinversion in proteinogenic amino acid isoleucine: Its astrophysical importance	Namrata Rani and Vikas	Department of Chemistry	Astrophysics and Space Science	2020 - 2021	0004-640X

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COVID-19 lockdown-induced changes in NO ₂ levels across India observed by multi-satellite and surface observations.	Suman Mor	Department of Environment Studies	Atmospheric Chemistry and Physics, 21(6), pp.5235-5251.	2020 - 2021	1680-7324
Pollen Calendar to depict seasonal periodicities of airborne pollen species in a city situated in Indo-Gangetic plain, India.	Suman Mor	Department of Environment Studies	Atmospheric Environment	2020 - 2021	1352-2310
Emission factors and global warming potential of various solid biomass fuel-cook stove combinations.	Suman Mor	Department of Environment Studies	Atmospheric Pollution Research, 11(2), pp.252-260.	2020 - 2021	1309-1042
‘Nationalising the Harappan Past: India, Pakistan and Mortimer Wheeler in the Early Post-colonial South Asia’	Dr. Ashish Kumar	Department of History	Atna- Journal of Tourism Studies, Vol. 15, No. 2, 2020, pp. 1-27	2020 - 2021	0975-3281
Impact of Second Wave of COVID-19 Pandemic: A Systematic Report of Tri-City Region of Chandigarh	Savita Chaudhary*	Department of Chemistry	Austin Journal of Clinical Case Reports	2020 - 2021	2381-912X
Proof of concept study for paper discrimination and age estimation through its degradation process by ATR-FTIR spectroscopy and chemometric models	Vishal Sharma	Institute of Forensic Science & Criminology	Australian Journal of Forensic Sciences	2020 - 2021	450618
A Study Of Self-Concept And Adjustment In Relation To Emotional Intelligence And Social Skill Of Learning Disabled Boys And Girls In Inclusive Schools Of Haryana	Md Taukir Alam	Department of Community Education & Disability Studies	Aut Aut Research Journal	2020 - 2021	ISSN 0005-0601
Book Review- Francesca R. Jensenius (2017) Social Justice through Inclusion, The Consequences of Electoral Quotas in India , New York	Prof. Navjot	Department of Political Science	A-WEB India Journal of Elections (AWI-JoE)	2020 - 2021	
Inhibition of NOTCH signaling pathway chemosensitizes HCC CD133+ cells to vincristine and 5-fluorouracil through upregulation of BBC3	Hamed H, J kaur, R. C Sobti, Nirupma Trehanpati	Department of Biotechnology	BBRC	2020 - 2021	0006-291x
Evaluating the total quality and its role in measuring consumer satisfaction with e-healthcare services using the 5Qs model: a structure equation modeling approach	Verma, P., Kumar, S. and Sharma, S.K.	University Institute of Applied Management Sciences	Benchmarking: An International Journal	2020 - 2021	1463-5771
Lok sahitya mein samajik-sanskritik parivesh	Dr. Gurmeet Singh	Department of Hindi	Bhasha(ISSN0523-1418), ank 294	2020 - 2021	0523-1418
Constitutional Provisions and Judicial Response for the Protection of Women from Sexual Harassment : An Analysis	Dr. BABITA DEVI	Department of Laws	Bhatner Socio-Legal Journal,, Vol.6, 2020	2020 - 2021	2350-0603
Social Inclusion of the Street Vendors in Urban Cities: A Study of India and Indonesia	Meenu Saihjpai, SHASHI KAPOOR, ASHISH SAIHJPAL	University Institute of Legal Studies	Bihar Journal of Public administration	2020 - 2021	9742735

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Role of plant growth-promoting bacteria in sustainable Agriculture	P Pathania, A Rajta, PC Singh, R Bhatia	University Institute of Engineering & Technology	Biocatalysis and Agricultural Biotechnology,	2020 - 2021	18788181
HIV-1 Nef promotes ubiquitination and proteasomal degradation of p53 tumor suppressor protein by using E6AP.	jagdish rai	Institute of Forensic Science & Criminology	Biochem Biophys Res Commun.	2020 - 2021	1090-2104
Lipid mediators and asthma: Scope of therapeutics	Prof. Amarjit Singh Naura	Department of Biochemistry	Biochemical Pharmacology	2020 - 2021	ISSN:0006-2952E- ISSN:1873-2968
Fluorescent quantum dots: An insight on synthesis and potential biological application as drug carrier in cancer	Singla, Neha	Department of Biophysics	Biochemistry and Biophysics Reports	2020 - 2021	24055808
Interactions of dextranucrase purified from Streptococcus mutans 890 with plant polyphenols	Prof. Akhtar Mahmood,Prof. Sukesh Chander Sharma	Department of Biochemistry	Biochemistry and Biophysics Reports	2020 - 2021	ISSN (print): 0892-6638 ISSN (online): 1530-6860
Liver Phosphoenolpyruvate Carboxykinase-1 Downregulation via siRNA-Functionalized Graphene Oxide Nanosheets Restores Glucose Homeostasis in a Type 2 Diabetes Mellitus in Vivo Model	Prof. Rajat Sandhir	Department of Biochemistry	Bioconjugate Chemistry	2020 - 2021	ISSN:1043-1802,1520-4812
Cytoprotective and antioxidant potential of Aegle marmelos on cadmium-induced hepato-renal toxicity: an in vivo study	Era Seth, Aitizaz Ul Ahsan, Priyanka Bamrara, Surbhi Kaushal, Vijay Lakshmi Sharma, Mani Chopra	Department of Zoology	Biologia	2020 - 2021	1336-9563 (Electronic) 0006-3088 (Print)
Introduced, invaded and forgotten: allopatric and sympatric native snow trout life-histories indicate brown trout invasion effects in the Himalayan hinterlands	Sharma, V.K. Dubey, P. Nautiyal, J.A. Johnson, Y.K. Rawal and K. Sivakumar	Department of Zoology	Biological Invasions	2020 - 2021	ISSN:1387-3547 E- ISSN:1573-1464
Purification charaterization and cytotoxic properties of bacterial RNase	Kumar, R., Katwal, S., Sharma, B., Sharma, A., Puri, S.,Kamboj, N., Kanwar, S.	University Institute of Engineering & Technology	Biological macromolecules	2020 - 2021	0141-8130
Fluoride and Biological Calcification I: Effect of Fluoride on Collagen-Induced In Vitro Mineralization and Demineralization Reactions	Prof. S.K.Singla	Department of Biochemistry	Biological Trace Element Research	2020 - 2021	ISSN:0163-4984E- ISSN:1559-0720

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Conditional targeting of phosphatidylserine decarboxylase to lipid droplets.	Santosh Kumar*, Chandramohan Chitraju, Robert Farese Jr., Tobias Walther, and Christopher Bur	Department of Biotechnology	Biology Open	2020 - 2021	2046-6390
Impact of dose heterogeneity in target on TCP and NTCP for various radiobiological models in liver SBRT: Different isodose prescription strategy.	Dr. Vivek Kumar	Centre for Medical Physics	Biomedical Physics & Engineering Express 7 (1), 015020	2020 - 2021	2057-1976
Dosimetric analysis of cervical cancer stage IIB patients treated with volumetric modulated arc therapy using plan uncertainty parameters module of Varian Eclipse treatment planning system	Dr. Vivek Kumar	Centre for Medical Physics	Biomedical Physics & Engineering Express 7 (3), 035015	2020 - 2021	Online 2057-1976
Derivative-based gamma index: a novel methodology for stringent patient-specific quality assurance in the stereotactic treatment planning of liver cancer	Dr. Vivek Kumar	Centre for Medical Physics	Biomedical Physics Engineering Express, Vol. 6, Issue 6, pp. 065008	2020 - 2021	2057-1976
A review on cephalometric landmark detection techniques	Juneja M., Garg P., Kaur R., Manocha P., Prateek, Batra S., Singh P., Singh S., Jindal P.	University Institute of Engineering & Technology	Biomedical Signal Processing and Control	2020 - 2021	1746-8094
Denoising of magnetic resonance imaging using Bayes shrinkage based fused wavelet transform and autoencoder based deep learning approach	Juneja M., Kaur Saini S., Kaul S., Acharjee R., Thakur N., Jindal P.	University Institute of Engineering & Technology	Biomedical Signal Processing and Control	2020 - 2021	17468094
Role of toll-like receptor 7/8 pathways in regulation of interferon response and inflammatory mediators during SARS-CoV2 infection and potential therapeutic options	Shetty Ravi Dyavar , Rahul Singh , Rohini Emani , Ganesh P. Pawar , Deepak B. Salunke et al.	Department of Chemistry	Biomedicine & Pharmacotherapy	2020 - 2021	111794
Plant nanobionic effect of multi-walled carbon nanotubes on growth, anatomy, yield and grain composition of rice.	Prof. Harsh Nayyar	Department of Botany	BioNanoScience	2020 - 2021	ISSN:21911649
Design, synthesis and bio-evaluation of C-1 alkylated tetrahydro- β -carboline derivatives as novel antifungal lead compounds	Rahul Singh, Aanchal Jaisingh, Indresh K. Maurya, Deepak B. Salunke	Department of Chemistry	Bioorganic & Medicinal Chemistry Letters	2020 - 2021	126869
Comparative evaluation of growth kinetics for pyrene degradation by Acinetobacter pittii NFL and Enterobacter cloacae BT in the presence of biosurfactant.	Gupta, B., Puri, S., Thakur, I, S., Kaur, J.	University Institute of Engineering & Technology	Bioresources technology reports	2020 - 2021	2589-014X
Fusidic Acid as a Potential Drug Candidate Against Infectious Gram Positive Bacteria	Prashant Kappor and Ranvir Singh	Department Cum National Centre for Human Genome Studies & Research	Biosc.Biotech.Res.Comm	2020 - 2021	2321-4007

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Label-free approach for electrochemical ferritin sensing using biosurfactant stabilized tungsten disulfide quantum dots	Garg M, Chatterjee M, Sharma AL, Singh S	University Institute of Engineering & Technology	Biosens Bioelectron.	2020 - 2021	0956-5663
Electrochemical detection of methylparathion via a novel biosensor tailored on highly biocompatible electrochemically reduced graphene oxide-chitosan-hemoglobin coatings.	Ranjeet Kaur, Shweta Rana, Kanika Lalit, Parkash Singh, Khushwinder Kaur	Department of Chemistry	Biosensors and Bioelectronics	2020 - 2021	0956-5663
Internet of medical things (IoMT)-integrated biosensors for point-of-care testing of infectious diseases	Jain S, Nehra M, Kumar R, Dilbaghi N, Hu T, Kumar S, Kaushik A, Li CZ	University Institute of Engineering & Technology	Biosensors and Bioelectronics	2020 - 2021	0956-5663
Trends in small organic fluorescent scaffolds for detection of oxidoreductase	Sidhu, J. S., Kaur, N., Singh, N.	Department of Chemistry	Biosensors and Bioelectronics	2020 - 2021	0956-5663
Comparative transcriptomic analyses of four Phalaenopsis species to identify and characterize the WUSCHEL -related homeobox (WOX) gene family	Dr. Jaspreet Kaur	Department of Botany	Biotechnologia	2020 - 2021	eISSN: 2353-9461 ISSN: 0860-7796
Mapping HIV mortality in six Latin American countries with incomplete vital registration systems,	Dr. Kewal Krishan	Department of Anthropology	BMC Medicine,	2020 - 2021	174170150
Does conserved domain SOD1 mutation has any role in ALS severity and therapeutic outcome?	S. Pal, A. Tiwari, K. Sharma and Suresh Kumar Sharma	Department of Statistics	BMC Neuroscience	2020 - 2021	
Investigation of long non-coding RNAs as regulatory players of grapevine response to powdery and downy mildew infection	Dr. S.K. Upadhyay	Department of Botany	BMC Plant Biology	2020 - 2021	1471-2229
Investigation of long non-coding RNAs as regulatory players of grapevine response to powdery and downy mildew infection.	Garima Bhatia; Santosh K. Upadhyay; Anuradha Upadhyay; Kashmir Singh	Department of Biotechnology	BMC Plant Biology	2020 - 2021	14712229
Long non-coding RNAs: Emerging players regulating plant abiotic stress response and adaptation.	Prof. Harsh Nayyar	Department of Botany	BMC Plant Biology	2020 - 2021	ISSN: 1471-2229
Evidence on article 5.3 of FCTC (tobacco industry interference into tobacco control activities) in India- a qualitative scoping study	Prof. Deepti Gupta	Department of English & Cultural Studies	BMC Public Health	2020 - 2021	1855 (2021)
Design, development and evaluation of Artificial Breathing Capability Device (ABCD): a novel innovation for respiratory support	Manu Sharma	University Institute of Engineering & Technology	BMJ Innovations	2020 - 2021	BMJ Innovations 2021;7:40-46.

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Fossil pollen from early Palaeogene sediments in western India provides phylogenetic insights into divergence history and pollen character evolution in the pantropical family Ebenaceae.	Mahi Bansal, Shivaprakash K Nagaraju, Ashish Kumar Mishra, Jeyakumar Selvaraj, Rajeev Patnaik, Va	Department of Geology	Botanical Journal of the Linnean Society	2020 - 2021	10958339
Sodium orthovanadate improves learning and memory in intracerebroventricular-streptozotocin rat model of Alzheimer’s disease through modulation of brain insulin resistance induced tau pathology	Ansab Akhtar, Mahendra Bishnoi, Sangeeta Pilkhwal Sah	University Institute of Pharmaceutical Sciences	Brain Research Bulletin	2020 - 2021	0361-9230
Protective effect of Indole-3-carbinol, an NF-κB inhibitor in experimental paradigm of Parkinson’s disease: In silico and in vivo studies	Neerja Saini, Ansab Akhtar, Monika Chauhan, Neelima Dhingra, Sangeeta Pilkhwal Sah	University Institute of Pharmaceutical Sciences	Brain, Behavior, and Immunity	2020 - 2021	0889-1591
Judicial Exposition of Gender Justice as a Constitutional Mandate: A Narrative from India	Dr. Shipra Gupta	Department of Laws	Brawijaya Law Journal	2020 - 2021	2503-0841
Potential of 1-(1-naphthylmethyl)-piperazine, an efflux pump inhibitor against cadmium-induced multidrug resistance in Salmonella enterica serovar Typhi as an adjunct to antibiotics	Preet, Simran	Department of Biophysics	Brazilian Journal of Microbiology	2020 - 2021	1517-8382
Potential of 1-(1-naphthylmethyl)-piperazine, an efflux pump inhibitor against cadmium-induced multidrug resistance in Salmonella enterica serovar Typhi as an adjunct to antibiotics.	Kaur, U.J., Chopra, A., Preet, S., Raj, K., Kondepudi, K.K., Gupta, V. and Rishi, P.,	Department of Microbiology	Brazilian Journal of Microbiology,	2020 - 2021	1517-8382
Dental age estimation of Ajnala skeletal remains: A Forensic odontological study.	Dr. J.S. Sehrawat	Department of Anthropology	Bulletin of the International association for paleodontology, 14(1), 40-52.	2020 - 2021	18466273
Customer Segmentation using k-means clustering for Developing Sustainable Marketing Strategies	Dr. Nidhi Gautam	University Institute of Applied Management Sciences	Business Informatics	2020 - 2021	
Thermal stability of starch bionanocomposites films: Exploring the role of esterified cellulose nanofibers isolated from crop residue	Dheeraj Ahuja, Lokesh Kumar, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Carbohydrate Polymers	2020 - 2021	1448617
The Role of Food Security Governance in Achieving Distributive Justice	Rohtash	Department of Laws	CASIHR Journal on Human Rights Practice	2020 - 2021	2581-4834
Untangling the active sites in the exposed crystal facet of zirconium oxide for selective hydrogenation of bioaldehydes	Sahil Kumar, Mayanglambam Manolata Devi, Sushil Kumar Kansal and Shunmugavel Saravanamurugan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Catalysis Science & Technology	2020 - 2021	2044-4761

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Heat-induced endoplasmic reticulum stress in soleus and gastrocnemius muscles and differential response to UPR pathway in rats	Prof. Rajat Sandhir	Department of Biochemistry	Cell Stress and Chaperones	2020 - 2021	ISSN:1355-8145
Activation of TNFR1 and TLR4 following oxygen glucose deprivation promotes mitochondrial fission in C6 astroglial cells	Prof. Rajat Sandhir	Department of Biochemistry	Cellular Signalling	2020 - 2021	ISSN:0898-6568
Optical and electrical studies of doped In-Se system for phase-change memory applications	Manish Dev Sharma	Department of Physics	Chalcogenide Letters, Romania vol 17 No. 6 , p.321-32	2020 - 2021	1584-8663
Zinc(II) complexes of N(4)-monosubstituted thiosemicarbazones derived from pyridine-2-carbaldehyde: Structural and spectroscopic studies	Rapheal, P.F., Manoj, E., Kurup, M.R.P., Venugopalan, P	Department of Chemistry	Chem. Data Collect	2020 - 2021	2405-800
Mixed metal (cobalt/molybdenum) based metal-organic frameworks for highly sensitive and specific sensing of arsenic (V): Spectroscopic versus paper-based approaches	Suresh Kumar	University Institute of Engineering & Technology	Chemical Engineering Journal	2020 - 2021	ISSN: 1385-8947
Plasmonic silver nanoparticles decorated surface functionalized Zirconium doped quantum dots - for enhanced photochemical synthesis of lactic acid esters	Verma, P., Wanchoo, R. K., & Pal Toor, A.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chemical Engineering Journal	2020 - 2021	13858947
Replication of the Aristolochic Acid I Adenine Adduct (ALI-N6-A) by a Model Translesion Synthesis DNA Polymerase: Structural Insights on the Induction of Transversion Mutations from Molecular Dynamics Simulations	Preetleen Kathuria, Prebhleen Singh, Purshotam Sharma, and Stacey D. Wetmore	Department of Chemistry	Chemical Research in Toxicology	2020 - 2021	0893-228X
Oxygen Atom Transfer Promoted Nitrate to Nitric Oxide Transformation: A Step-wise Reduction of Nitrate → Nitrite → Nitric Oxide	Kulbir, S. Das, T. Devi, M. Goswami, M. Yenuganti, P. Bhardwaj, S. Ghosh, S. C. Sahoo, P. Kumar	Department of Chemistry	Chemical Science	2020 - 2021	2041-6520
Paraoxonase Mimic by a Nanoreactor Aggregate Containing Benzimidazolium Calix and L-Histidine: Demonstration of the Acetylcholine Esterase Activity	Singh, A., Saini, S. Mayank, Kaur, N., Singh, A., Singh, N., Jang, D. O.	Department of Chemistry	Chemistry A European Journal	2020 - 2021	0947-6539
Paraoxonase Mimic by a Nanoreactor Aggregate Containing Benzimidazolium Calix and L-Histidine: Demonstration of the Acetylcholine Esterase Activity	A. Singh, S. Saini, Mayank, N. Kaur, A. Singh, N. Singh and D. Jang	Department of Chemistry	Chemistry A European Journal	2020 - 2021	0947-6539

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Benzothiazole Encapped Silane and Its Nano Composites for Sequential Detection of Copper Ions and Cysteine in Aqueous Solution	Gurjaspreet Singh, Kavita Chowdhary, Dr. Akshpreet Singh, Dr. Pinky Satija, Shilpy, Diksha, Suman,	Department of Chemistry	Chemistry Select	2020 - 2021	
Alumina-Supported Alkali and Alkaline Earth Metal-Based Catalyst for Selective Decarboxylation of Itaconic Acid to Methacrylic Acid	Hadi Ali, Sushil Kumar Kansal, Shunmugavel Saravanamurugan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chemistryselect	2020 - 2021	2365-6549
Alumina-Supported Alkali and Alkaline Earth Metal-Based Catalyst for Selective Decarboxylation of Itaconic Acid to Methacrylic Acid	H. Ali, S. K. Kansal, S. Saravanamurugam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	ChemistrySelect	2020 - 2021	2365-6549
Click-Derived Uracil-Appended Organosilatranyl Scaffolds: Synthesis, Antibacterial Characteristics, Pb ²⁺ Binding and Fabrication of Hybrid Silica Nanoparticles	Gurjaspreet Singh, Geetika Sharma, Sanchita, Pooja Kalra, Pinky Satija, Pawan, Baljinder Singh	Department of Chemistry	ChemistrySelect	2020 - 2021	2365-6549
Design and Synthesis of Heterocyclic Encapsulated Organosilatranes for In Silico, In Vitro Antioxidant and Cytotoxicity Evaluation	Gurjaspreet Singh, Geetika Sharma, Pinky Satija, Akshpreet Singh, Pawan,Cristóbal E. Ruiz, Daniel	Department of Chemistry	Chemistryselect	2020 - 2021	
Eosin Y Catalyzed Visible Light Mediated Synthesis of 2-Mercaptobenzothiazoles from 2-Azidoarenediazonium Tetrafluoroborates and Carbon Disulfide	Natarajan, P. Naveen, K.; Priya	Department of Chemistry	ChemistrySelect	2020 - 2021	2365-6549
First Report on the Synthesis of Antipyrine Crowned Siloxy Framework: Optical Recognition of Fe ²⁺ and Hg ²⁺ Ions	Gurjaspreet Singh, Pinky Satija, Akshpreet Singh, Sushma, Geetika Sharma, Mohit, Pawan, Suman	Department of Chemistry	Chemistryselect	2020 - 2021	2365-6549
Synthesis and Characterization of Antioxidant Biphenyl Appended 1,2,3-Triazoles as Potential Chemo-Sensor for Sn ²⁺ Ions: Excellent Selectivity and Low Detection Limit	Prof. Gurjaspreet Singh, Priyanka, Sushma, Pawan, Mohit, Dr. Pinky Satija, Prof. Maria Angeles Este	Department of Chemistry	CHEMISTRYSELECT	2020 - 2021	
Synthesis of α -Heterocycle Anchored Spirocyclic Azetidin-2-ones in a Minute by p-TSA Catalyzed Cyclocondensation of Azetidin-2,3-diones with Difunctionalized Substrates	Dipika Narula,Shamsher S Bari,Pooja Yadav,SanjayMandal,Gurpreet Kaur,GangaRam Chaudhary,Aman Bhalla	Department of Chemistry	ChemistrySelect	2020 - 2021	2365-6549
New Family of Heptanuclear Lanthanide {Ln ₇ } Clusters: Synthesis, Structure, and Magnetic Studies	Shukla P., Pal T. K., Sahoo S. C., Du M. H., Kong X. J., Das S.	Department of Chemistry	ChemistrySelect 2021 9 2456	2020 - 2021	2365-6549

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Anthracene based Triazolyl Triethoxysilanes as Selective and Colorimetric Sensor for Cysteine: Rationalization towards Stability Factors, Therapeutics Evaluation and Molecular Docking	Gurjaspreet Singh, Pawan, Mohit, Sushma, Baljinder Singh, D GonzálezSilverac, Cristóbal Espinosa-Ru	Department of Chemistry	ChemistrySelect,	2020 - 2021	2365-6549
9,10-Phenanthrenedione-catalyzed, visible-light-promoted radical intramolecular cyclization of N-biaryl glycine esters: one-pot synthesis of phenanthridine-6-carboxylate	Palani Natarajan, Priya, Deachen Chuskit and Manjeet	Department of Chemistry	ChemistrySelect, 2021, 11838-11844	2020 - 2021	2365-6549
Adsorptive removal of eriochrome black T (EBT) dye by using surface active low cost zinc oxide nanoparticles: A comparative overview	Yesbinder Kaur, Teenu Jasrotia, Rajeev Kumar, Ganga Ram Chaudhary, Savita Chaudhary*	Department of Chemistry	Chemosphere	2020 - 2021	0045-6535
Adsorptive removal of Eriochrome Black T (EBT) dye by using surface-active low-cost Zinc oxide Nanoparticles: A comparative overview.	Yesbinder Kaur, Teenu Jasrotia, Rajeev Kumar, Ganga Ram Chaudhary, Savita Chaudhary,	Department of Environment Studies	Chemosphere	2020 - 2021	456535
Genotoxicity induced by hexavalent chromium leading to eryptosis in Ctenopharyngodon idellus.	Handa, K. and Jindal, R.	Department of Zoology	Chemosphere	2020 - 2021	1470160
Immobilization interaction between xenobiotic and Bjerkandera adusta for the biodegradation of atrazine.	Nikita Dhiman, Teenu Jasrotia, Priyanka Sharma, Sushma Negi, Savita Chaudhary, Raman Kumar, Mater H.	Department of Environment Studies	Chemosphere	2020 - 2021	456535
Insights into the tolerance and phytoremediation potential of Coronopus didymus L.(Sm) grown under zinc stress	GPS Sidhu, AS Bali, HP Singh, DR Batish, Kohli, R.K.	Department of Environment Studies	Chemosphere	2020 - 2021	Elsevier
Microwave mediated synthesis of dopamine functionalized copper sulphide nanoparticles: An effective catalyst for visible light driven degradation of methylene blue dye	Deepak Rohilla, Navneet Kaur, Asifkhan Shanav, Savita Chaudhary*	Department of Chemistry	Chemosphere	2020 - 2021	0045-6535
Sustainable removal of Ni(II) from waste water by freshly isolated fungal strains	Rohit Sharma, Teenu Jasrotia, Sonu Sharma, Monu Sharma, Rajeev Kumar, Rajeev Vats, Raman Kumar, Ahma	Department of Environment Studies	Chemosphere	2020 - 2021	0045-6535
Toxicity profiling of metallosurfactant based ruthenium and ruthenium oxide nanoparticles towards Saccharomyces cerevisiae	Varsha Dogra, Gurpreet Kaur, Rajeev Kumar, Sandeep Kumar	Department of Environment Studies	Chemosphere	2020 - 2021	456535

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Multi-biological combined system: a mechanistic approach for removal of multiple heavy metals	Rohit Sharma, Teenu Jasrotia, Sundeep Jaglan, Rajeev Kumar, Rajeev Vats, Raman Kumar, Ahmad Umar	Department of Environment Studies	Chemosphere,	2020 - 2021	456535
Impact of COVID-19 lockdown on air quality in Chandigarh, India: understanding the emission sources during controlled anthropogenic activities.	Suman Mor	Department of Environment Studies	Chemosphere, 263, p.127978.	2020 - 2021	0045-6535
Synthesis and characterization of metallosurfactant based ruthenium and ruthenium oxide nanoparticles and their toxicity profiling towards the eukaryotic model organism <i>Saccharomyces cerevisiae</i>	Varsha Dogra, Gurpreet Kaur*, Rajeev Kumara, Sandeep Kumar	Department of Chemistry	Chemosphere, 270, 2021, 128650	2020 - 2021	0045-6535
Appraisal of regional haze event and its relationship with PM2. 5 concentration, crop residue burning and meteorology in Chandigarh, India.	Suman Mor	Department of Environment Studies	Chemosphere, 273, p.128562.	2020 - 2021	0045-6535
Visible Light Thiol yne Reaction: A Practical Synthesis of (1,2-diarylviny)(aryl/alkyl)sulphides	Anamitra, C.; König, B.; Natarajan, P	Department of Chemistry	CHEMPHOTOCHEM, 2020, 4, 291-293	2020 - 2021	2367-0932
Extra-terrestrial Gas-phase Stereoinversion in Amino Acid Leucine: Thermal and Photochemical Channels	Namrata Rani and Vikas	Department of Chemistry	ChemPhysChem	2020 - 2021	1439-4235
First Principle Studies to Tailor Graphene Through Synergistic Effect as a Highly Efficient Electrocatalyst for Oxygen Evolution Reaction	Shuchi Gupta	University Institute of Engineering & Technology	ChemPhysChem	2020 - 2021	"1439-4235 (print) 1439-7641 (web)"
Fragment emission and critical behavior in light and heavy charged systems	S. Sood, R. Kumar, A. Sharma, Sakshi Gautam, R. K. Puri	Department of Physics	Chinese Physics C	2020 - 2021	1674-1137
<i>Candida antarctica</i> lipase-B-catalyzed kinetic resolution of 1,3-dialkyl-3-hydroxymethyl oxindoles	Naveen Kumar, Akshay Kumar, Subash Chandra Sahoo, Swapandeep Singh Chimni	Department of Chemistry	Chirality 2020 32 1377–1394	2020 - 2021	0899-0042
Choice Modelling for Participation in, Milk Marketing Channels: Evidence from Punjab, India	Prof. Pampa Mukherjee	Department of Political Science	Choice Modelling for Participation in, Milk Marketing Channels: Evidence from Punjab, India, Indian Journal of Dairy Science	2020 - 2021	Vol.73, No3
Banana fibre: a natural and sustainable bioresource for eco-friendly applications	Balda, S., Sharma, A., Capalash, N. and Sharma, P.	Department of Biotechnology	Clean Technologies and Environmental Policy	2020 - 2021	1618954X

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Effect of octenidine mouthwash on plaque, gingivitis, and oral microbial growth: A systematic review	Dr Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Clin Exp Dent Res.	2020 - 2021	20574347
Variability in human external ear anthropometry- Anthropological and forensic applications	Dr. Ramesh Sahani	Department of Anthropology	Clinical therapeutics	2020 - 2021	19720007
TEXTILE WASTE- A RESOURCE FOR RECYCLING	Dr Anu H. Gupta	University Institute of Fashion Technology & Vocational Development	COHERENCE	2020 - 2021	0976-5301
Analysis of the usage and diversity of grey literature in addiction research: a study	Preeti Mahajan, Rishabh Shrivastava	Department of Library & Information Science	Collection and Curation	2020 - 2021	2514-9326
A study of the spectral behaviour of Eosin dye in three states of metallosurfactants: Monomeric, micelles and metallosomes	P. Garg, B. Kaur, Gurpreet Kaur*, S. Saini, G. R. Chaudhary	Department of Chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020 - 2021	0927-7757
Polymeric Nanoparticles as a Promising Drug Delivery Platform for the Efficacious Delivery of Toll-Like Receptor 7/8 Agonists and IDO-Inhibitor	Jyoti Rathee , Arshpreet Kaur , Deepender Kaushik , Ravinder Kumar, Deepak B. Salunke et al.	Department of Chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020 - 2021	127764
Proficiency of nanostructured lipid carriers for the formulation of amphiphilic bile acid oligomers	Poonam Singla , Rohini Kanwar , Rishika Sharma , Surinder K. Mehta , Deepak B. Salunke	Department of Chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2020 - 2021	125841
QbD-Steered Development of Biotin-Conjugated Nanostructured Lipid Carriers for Oral Delivery of Chrysin: Role of Surface Modification for Improving Biopharmaceutical Performance.	Sharma, T., Katare, O.P., Jain, A., Jain, S., Chaudhari, D., Borges, B. and Singh, B.,	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces, 197, 111429.	2020 - 2021	0927-7765
Systematically designed chitosan-coated solid lipid nanoparticles of ferulic acid for effective management of Alzheimer's disease: A preclinical evidence.	Saini, S., Sharma, T., Jain, A., Kaur, H., Katare, O.P. and Singh, B,	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces, 205, p.111838.	2020 - 2021	0927-7765
Triamcinolone acetonide loaded-cationic nano-lipoidal formulation for uveitis: Evidences of improved biopharmaceutical performance and anti-inflammatory activity. .	Nirbhavan P., Shama, G., Singh, B., Begum, G., Jones, M.C., Rauz, S., Vincent, R., Denniston, A., Hill, L.J. and Katare, O.P.	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces. 190, 110902,	2020 - 2021	1234
On the discriminant of pure number fields	S. K. Khanduja	Department of Mathematics	Colloquium Mathematicum	2020 - 2021	ISSN:0010-1354
Media Education in Chandigarh	Archana R. Singh	School of Communication Studies	Communication Today	2020 - 2021	0975-217X
News Values in pandemic coverage: Analysis of COVID-19 stories in Indian Newspapers	Archana R Singh, Priyanak Ohri, Ishrat Singh	School of Communication Studies	Communication Today: A special issue COVID and media	2020 - 2021	1338130X

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Nonparametric multiple sample scale testing using U-statistics	M. Goyal and Narinder Kumar	Department of Statistics	Communications in Statistics - Simulation and Computation	2020 - 2021	0361-0918
Efficacy of Chininum sulphuricum 30C against malaria: An in vitro and in vivo study	Suri M , Katnoria S, Walter NS, Manchanda R, Khurana A, Nayak D, Bagai U and Kaur S	Department of Zoology	Complementary Medicine Research	2020 - 2021	1475-4916
Miaolingian transgression and the Oryctocephalus indicus biozone in the Sumna Valley (Spiti), Himalaya, India.	Singh, B.P., Singla, G., Bhargava, O.N., Kaur, R., Stopden, S., Prasad, S.K.,	Department of Geology	Comptes Rendus Géoscience—Sciences de la Planète	2020 - 2021	16310713
Effect of boron and nitrogen doping on mechanical and electronic properties of graphane under uni-axial strain conditions: A DFT study	R.Kumar,N.Goel,M.Riyaz, S.Gupta	Department of Chemistry	Computational and Theoretical Chemistry	2020 - 2021	2210-271X
Genome wide characterization of the SERK/SERL gene family in Phalaenopsis equestris, Dendrobium catenatum and Apostasia shenzhenica (Orchidaceae)	Dr. Jaspreet Kaur	Department of Botany	Computational Biology and Chemistry	2020 - 2021	1476-9271
A review on P4-Programmable data planes: Architecture, research efforts, and future directions	Kaur S., Kumar K., Aggarwal N.	University Institute of Engineering & Technology	Computer Communications	2020 - 2021	1403664
Distributed denial of service attacks in cloud: State-of-the-art of scientific and commercial solutions	Aanshi Bhardwaj, Veenu Mangat, Renu Vig Subir Halder Mauro Conti	University Institute of Engineering & Technology	Computer Science review	2020 - 2021	1574-0137.
Distributed frameworks for detecting distributed denial of service attacks: A comprehensive review, challenges and future directions	Krishan Kumar	University Institute of Engineering & Technology	Concurrency and Computation: Practice and Experience	2020 - 2021	1532-0634
Predictive model for hardware calibration to transmit real-time applications in VoIP networks	Gupta N., Mahajan N., Kaushal S., Kumar N., Kumar H., Sangaiah A.K.	University Institute of Engineering & Technology	Concurrency Computation	2020 - 2021	15320626, 15320634
Fluoride Concentration in Saliva following Professional Topical Application of 2% Sodium Fluoride Solution	Manjit Talwar , Amrit Tewari , H S Chawla Vinod Sachdev , Suresh Sharma	Department of Statistics	Contemporary Clinical Dentistry	2020 - 2021	0976-2361
Biologically significant pyrimidine appended optical sensors: An inclusive anthology of literature from 2005 to 2020	Gitanjali Jindal, Navneet Kaur	Department of Chemistry	Coordination Chemistry Reviews	2020 - 2021	0010-8545
An Overview of Novel Coronavirus Disease 2019: A Global Havoc	Zahid Dar, Lucky Chauhan, Monika Chauhan, Navpreet Kaur , Tanzeer Kaur and Neelima Dhingra,	University Institute of Pharmaceutical Sciences	CoronaVirus,	2020 - 2021	2666-7967

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An Overview of Novel Coronavirus Disease 2019: A Global HavocCoronaVirus	Zahid Dar, Lucky Chauhan, Monika Chauhan, Navpreet Kaur , Tanzeer Kaur and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Coronaviruses	2020 - 2021	2666-7967
Assessment of bio-corrosion inhibition ability of Hafnium based cationic metallosurfactant on iron surface	Dr.Nirmal Prabhakar	Department of Biochemistry	Corrosion Science	2020 - 2021	ISSN:0010-938X
Evaluation of bio corrosion-resistant and antifouling properties of gold metallosurfactant monolayer on galvanised steel in simulated sea media inoculated with halophiles	Harshal Mehta, Gurpreet Kaur*, Ganga Ram Chaudhary, Uma Batra	Department of Chemistry	Corrosion science	2020 - 2021	0010-938X
Focus of Future Classroom: Computer-Based Simulated Environment	Dr. Kuljeet Kaur	University School of Open Learning	Cosmos An International Journal of Art & Higher Education	2020 - 2021	, ISSN: 2319-8966.
Palaeosols and palaeoclimate reconstruction of the Maastrichtian Lameta Formation, Central India	Kumari, A., Singh, S. and Khosla, A	Department of Geology	Cretaceous Research (Elsevier) Volume No. 117 (104632)	2020 - 2021	0195-6671
Gauging the trends of pseudogenes in plants.	Garewal N, Goyal N, Pathania S, Kaur K, Singh K	Department of Biotechnology	Critical reviews in biotechnology	2020 - 2021	0738-8551
An exploration on the toxicity mechanisms of phytotoxins and their potential utilities.	Chen, H., Singh, H., Bhardwaj, N., Bhardwaj, S. K., Khatri, M., Kim, K. H., & Peng, W.	University Institute of Engineering & Technology	Critical Reviews in Environmental Science and Technology	2020 - 2021	1547-6537
Review on medicinal herb, Cissus quadrangularis: An effective approach in the treatment of osteoporosis	Jaspreet Kaur, Gajanand Sharma, Akanksha Mahajan, OP Katare, Sanjay Bhadada and Gargi Ghoshal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Critical Reviews in Therapeutic Drug Carrier Systems	2020 - 2021	0743-4863
Role of Cissus quadrangularis in the Management of Osteoporosis: An Overview.	Kaur, J., Sharma, G., Mahajan, A., Katare, O.P., Bhadada, S.K., and Ghosal, G.,	University Institute of Pharmaceutical Sciences	Critical reviews in therapeutic drug carrier systems, 38(5), 27-51.	2020 - 2021	2234
Nail psoriasis treatment: insights into current progress and future trends.?	Nirbhavane, P., Sharma, G., Verma, S., Jadon, R.S., Singh, B. and Katare, O.P.	University Institute of Pharmaceutical Sciences	Critical Reviews? in Therapeutic Drug Carrier Systems,?37(2), 135-159.	2020 - 2021	0743-4863
Cryopreservation of a Threatened Medicinal Plant, Valeriana Jatamansi Jones, Using Vitrification and Assessment of Biosynthetic Stability of Regenerants	Shailika Sharma, Kiran Parasher, Papiya Mukherjee, Yash Pal Sharma	Department of Botany	Cryoletters	2020 - 2021	1432044

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Remarkable self-assembly of salicylideneimine-boron complexes into plastic crystals and organogels	Naim, K., Sahoo, S.C., Venugopalan, P., Neelakandan, P.P	Department of Chemistry	Cryst., Growth Des	2020 - 2021	1528-7483
Functionalized naphthalenediimide based supramolecular charge-transfer complexes via self-assembly and their photophysical properties	Singla, Neha	Department of Biophysics	CrystEngComm	2020 - 2021	ISSN:1466-8033
Functionalized naphthalenediimides based supramolecular charge-transfer complexes via self-assembly and their photophysical properties	P. Rani, A. Husain, A. Shukla, N. Singla, A. K. Srivastava, G. Kumar, K. K. Bhasin and Girijesh Kuma	Department of Chemistry	CrystEngComm	2020 - 2021	1466-8033
Tryptophan based copper(II) coordination polymer: Catalytic activity towards Suzuki-Miyaura cross-coupling reactions	A. Husain, K. K. Nar, P. Rani, A. P. Singh, K. K. Bhasin and Girijesh Kumar*	Department of Chemistry	CrystEngComm, 2021, 23, 7855–7864	2020 - 2021	1466-8033
Assessment of Obesity by Using Various Anthropometric Measurements among Patients with Coronary Heart Disease Residing in North India	Dr. Kewal Krishan	Department of Anthropology	Cureus	2020 - 2021	2168-8184
Nuclear Factor-Y (NF-Y), the Key Player in Plant Growth and Development: Prediction and Characterization in Vanilla planifolia	Dr. Jaspreet Kaur	Department of Botany	Current Biotechnology	2020 - 2021	ISSN: 2211-551X (Online), ISSN: 2211-5501 (Print)
COVID-19 Severity: Lung-Heart Interplay	Prof. Amarjit Singh Naura	Department of Biochemistry	Current Cardiology Reviews	2020 - 2021	ISSN: 1573-403X
Molecular Dynamics Assisted Mechanistic Insight of Val430-Ala Mutation of Rv1592c Protein in Isoniazid Resistant Mycobacterium Tuberculosis	Kumar A, Anand PK, Chandel S, Shrivatava A, Kaur J.	Department of Biotechnology	Current Computer Aided Drug Design	2020 - 2021	1875-6697
A Review on Repurposed Drugs and Vaccine Trials for Combating SARS CoV-2.	Nikita Khanna, Sandip V. Pawar and Anil Kumar.	University Institute of Pharmaceutical Sciences	Current Drug Research Reviews, 2021, 13, 1-0	2020 - 2021	2589-9775
A Review on Rheumatoid Arthritis Interventions and Current Developments.	Nikita Khanna, Anil Kumar and Sandip V. Pawar.	University Institute of Pharmaceutical Sciences	Current Drug Targets	2020 - 2021	1389-4501
COVID-19 and ARDS: Update on Preventive and Therapeutic Venues	Prof. Amarjit Singh Naura	Department of Biochemistry	Current Molecular Medicine	2020 - 2021	1875-5666
Advanced green analytical chemistry for environmental pesticide detection	Navneet Kaur, Anjali Khunger, Scott Wallen, Ajeet Kaushik, Ganga Ram Chaudhary, Rajendra S. Varma	Department of Chemistry	Current Opinion in Green and Sustainable Chemistry	2020 - 2021	2452-2236

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Possible biomarkers and contributing factors of psychosis: A review	Monu Yadav, Naresh Kumar, Deepak kumar Jindal, and Mini Dhaiya and Anil Kumar.	University Institute of Pharmaceutical Sciences	Current Pharmacology Reports doi: 10.1007/s43440-021-00244-0	2020 - 2021	2198641X
Design of experiment based methodical optimization and green syntheses of hybrid patchouli oil coated silver nanoparticles for enhanced antibacterial activity	Shweta Sharma	Institute of Forensic Science & Criminology	Current research in green and sustainable chemistry	2020 - 2021	2666-0865
Simple and solvent free practical procedure for chalcones: An expeditious, mild and greener approach	Duha Adnan, Bijender Singh, Surinder Kumar Mehta, Vinod Kumar, Ramesh Kataria	Department of Chemistry	Current Research in Green and Sustainable Chemistry	2020 - 2021	2666-0865
First record of circa 970 Ma post-collisional A-type magmatism in the Sendra Granitoid Suite, central Aravalli orogen, northwest India	Tiwana, J.K., Kaur, P., Chaudhri, N. and Manisha	Department of Geology	Current Science	2020 - 2021	0011-3891
Working/non-working status of patents granted to HEIs and NRLs in India.	Bhardwaj M., & Sandhu A.	Centre for Policy Research	Current Science	2020 - 2021	0011-3891
Effective use of Synthetic Seed technology in the regeneration of Cymbidium aloifolium using Protocorm like bodies	Prof. Promila Pathak	Department of Botany	Current Science, 120(3) :570-572	2020 - 2021	113891
Assessing Land Use and Land Cover Change in River Beas Floodplain, Punjab	Gursewak Singh Brar, Vishwa BS Chandel, Karanjot Kaur Brar	Department of Geography	Current World Environment	2020 - 2021	0973-4929
Ecology of Binwa a Western Himalayan stream in relation to water quality	Jindal, R., Singh, D.	Department of Zoology	Current World Environment	2020 - 2021	10.12944/CWE 15.2.05.
Synthesis, characterization and utility of a series of novel copper(II) complexes as excellent surface disinfectants against nosocomial infections	Richa, Namrata Kushwaha, Sheetal Negi, Ajay Kumar, Ennio Zangrando, Ramesh Kataria, V Saini	Department of Chemistry	Dalton Transactions	2020 - 2021	14779234
Dataset on aqueous solid-liquid extraction of gossypol from defatted cottonseed in acidic medium using green solvent, its kinetics and thermodynamics study and mass transfer effects	Surinder Singh, Surendra Kumar Sharma, Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	data in Brief	2020 - 2021	2352-3409
Improved NEH heuristic to minimize makespan for flow shop scheduling problems	Manisha Sharma	Department of Mathematics	Decision Science Letters	2020 - 2021	1929-5804
Comparison of Two Novel Techniques for Iris Centering in Ocular Prosthesis	Shefali Singla, Lalit Kumar, Komal Sehgal. Puneet Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dent J Adv Stud	2020 - 2021	2321-1482
Dens invaginatus: a report of two cases	Urvashi Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dental Journal of Advance Sciences	2020 - 2021	ISSN:2321-1482

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Oral ulceration and Indian herbs	Archna Agnihotri	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dental Journal of Advance sciences	2020 - 2021	ISSN:2321-1482
Immune modulatory effects of lenalidomide on the cultured peripheral blood mononuclear cells from vitiligo patients	N. Pervaiz, H. Kaur, D. Parsad, R. Kumar	Department of Zoology	Dermatologic Therapy	2020 - 2021	1529-8019
Students' Perception for Adopting Marketing Tools in University Libraries on the Basis of their Backgrounds: A Study of North Western India	Richa Gupta and Shiv Kumar	Department of Library & Information Science	DESIDOC Journal of Library & Information Technology	2020 - 2021	0974-0643
Ambedkar in Statues	Dr. Sudhir Mehra	Department of English & Cultural Studies	Dialog	2020 - 2021	iddn 09754881
Contextualizing caste, Gender and Religion in Dalit Literature	Amandeep	Department of Evening Studies	dialog : a bi-annual interdisciplinary journal	2020 - 2021	0975- 2020
Dialog : bi- annual peer- reviewed journal no. 38 Autumn, 2021	Dr. Meenu Gupta	Department of English & Cultural Studies	Dialog : bi- annual peer- reviewed journal no. 38 Autumn, 2021	2020 - 2021	
Dialectics of Identity in Politics	Dr. Meenu Gupta	Department of English & Cultural Studies	Dialog a annual peer reviewed journal	2020 - 2021	9754881
Disability and Gender Trouble in Dharamvir Bhartis Gulkibanno	Dr. Rajesh Kumar Jaiswal	University School of Open Learning	dialog No. 36 AUTUMN2020	2020 - 2021	ISSN No. 0975-4881
Emerging Standards and the Hybrid Model for Organizing Scientific Events During and After the COVID-19 Pandemic	Sara Hanaei , Amirhossein Takian, RezaMajdzadeh, Deepak B. Salunke	Department of Chemistry	Disaster Medicine and Public Health Preparedness	2020 - 2021	1172-1177
Swami Vivekanand Tatha Bhartiya Yuva Varg: Ek Drishtikon (Hindi)	Priyatosh Sharma	Department of History	Drishtikon Kalla, Maanvikki ev Vanjiya KI Manak Shodh Patrika	2020 - 2021	0975-119X
Pluronic F127-tailored lecithin organogel of acyclovir: preclinical evidence of antiviral activity using BALB/c murine model of cutaneous HSV-1 infection.	Sharma, G., Kaur, B., Thakur, K., Mahajan, A., Amarji, B., Singh, M.P., Katare, O.P.,	University Institute of Pharmaceutical Sciences	Drug Deliv Transl Res	2020 - 2021	2190-3948
Raloxifene-loaded SLNs with enhanced biopharmaceutical potential: QbD-steered development, in vitro evaluation, in vivo pharmacokinetics, and IVIVC.	Jain, A., Sharma, T., Kumar, R., Katare, O.P. and Singh, B.,	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research, 11 (1), 1-25.	2020 - 2021	11442233
Raloxifene-loaded SLNs with enhanced biopharmaceutical potential: QbD-steered development, in vitro evaluation, in vivo pharmacokinetics, and IVIVC.?	Jain, A., Sharma, T., Kumar, R., Katare, O.P. and Singh, B.	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research, 11 (1), 1-25.	2020 - 2021	2190-3948

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Positioning of vasopressin 1a receptor antagonists in the therapy of autism spectrum disorder	Ranjana Bhandari &&& Anurag Kuhad	University Institute of Pharmaceutical Sciences	Drugs of Future	2020 - 2021	9780124071803, 9780124095199.
A biginelli-azophenol based robust sensor for rapid diagnosis of cyanide in real samples	Kaur, M., Singh, H., Kaur, N., Singh, N.	Department of Chemistry	Dyes and Pigments	2020 - 2021	0143-7208
An Analysis of Financial Inclusion in India: Trends, Progress and Performance of Self-Help Groups in Punjab	Dr. Navreet (Co-Author)	Department of Public Administration	Dynamics of Public Administration	2020 - 2021	0975-3907
Optimization of TriboelectricNanogenerator for Small Power Electronics.	Mainra J, Kaur A and Sapra G	University Institute of Engineering & Technology	E3S Web of Conferences	2020 - 2021	2267-1242
An Energy Efficient Reinforcement Learning Based Clustering Approach for Wireless Sensor Network	Dr. Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	EAI Endorsed Transactions on Scalable Information Systems, Vol. 8, No. 31	2020 - 2021	ISSN: 2032-9407
Sediment provenance of pre- and post-collisional Cretaceous-Paleogene strata from the frontal Himalaya of northwest India.	Colleps, C., McKenzie, R.N., Horton, B.K., Webb, A.A.G. Wai, Y. Ng., Singh, B.P.,	Department of Geology	Earth Planetary Science Letters	2020 - 2021	0012-821X.
Pathophysiological Biomarkers of Parkinson’s Disease	Monika Kadian, Akashdeep Singh, Nihal Singh, Garima Sharma, Neetu Saini, Gurfateh Singh, Anil Kumar	University Institute of Pharmaceutical Sciences	EC Pharmacology and Toxicology	2020 - 2021	101699542
Flower phenological events and duration pattern is influenced by temperature and elevation in Dhauladhar mountain range of Lesser Himalaya,	Prof Daizy Rani	Department of Botany	Ecological Indicators	2020 - 2021	1470-160X
Is there always space at the top? Ensemble modeling reveals climate-driven high-altitude squeeze for the vulnerable snow trout Schizothorax richardsonii in Himalaya	Sharma, V.K. Dubey, P. Nautiyal, J.A. Johnson, Y.K. Rawal and K. Sivakumar	Department of Zoology	Ecological Indicators	2020 - 2021	1470-160X
Niche width analyses facilitate identification of high-risk endemic species at high altitudes in western Himalayas	Prof Daizy Rani	Department of Botany	Ecological Indicators	2020 - 2021	1470-160X
Comparativ e cyto- and genotoxicity of 900 MHz and 1800 MHz electromag netic field radiations in root meristems of Allium cepa	Kumar, A., Kaur, S., Chandel, S., Singh, H.P., Batish, D.R., Kohli, R.K	Department of Botany	Ecotoxicolo gy and Environmen tal Safety; 188, art. no. 109786	2020 - 2021	
Comparative cyto-and genotoxicity of 900 MHz and 1800 MHz electromagnetic field radiations in root meristems of Allium cepa	A Kumar,S Kaur ,S Chandel, HP Singh, DR Batish, Kohli, R.K.	Department of Environment Studies	Ecotoxicology and Environmental Safety	2020 - 2021	0147-6513

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Global trends in pesticides: A looming threat and viable alternatives	Barnwal, R.P	Department of Biophysics	Ecotoxicology and Environmental Safety	2020 - 2021	ISSN:0147-6513E-ISSN:1090-2414
Global trends in pesticides: A looming threat and viable alternatives.	Sharma A, Shukla A, Attri K, Kumar M, Kumar P, Suttee A, Singh G, Barnwal RP, Singla N.	University Institute of Pharmaceutical Sciences	Ecotoxicology and Environmental Safety.	2020 - 2021	1234
Inclusive Higher Education for Persons with Disabilities in India : Analysis of UGC Initiatives	Dr.Upneet Kaur Mangat	Centre for Human Rights & Duties	Education India : A Quaterly Refereed Journal of Dialogues on Education	2020 - 2021	2278-2435
Delegation of Powers to Village Panchayat for Schools: Ground Reality in Rural Punjab	Dr. Rajni	University School of Open Learning	Education India Journal: A Quarterly Refereed Journal of Dialogues on Education	2020 - 2021	ISBN No.2278-2435
Attitude of Senior Secondary School Teachers towards the Use of ICT in Teaching-Learning Process.	Prof. Manju Gera	University School of Open Learning	Education: A Mirror of Society	2020 - 2021	NA
Effect of problem solving strategies on student engagement in mathematics in relation to critical thinking	Dr. Ram Mehar and Dr. Gurpreet Kaur	University School of Open Learning	EduTech: E-Journal of Education & Technology (UGC Care Journal Group-I)	2020 - 2021	E-ISSN: 0975-5004
Implementing MRCRLB technique on modulation schemes in wireless rechargeable sensor networks	Dr Sukhvinder Singh Bamber, Asstt. Prof. (CSE)	P.U. S.S. Giri Regional Centre, Hoshiarpur	Egyptian Informatics Journal, Sciencedirect	2020 - 2021	(SCI-E), March 2021.
Wireless battery recharging through UAV in wireless sensor networks	Dr Sukhvinder Singh Bamber, Asstt. Prof. (CSE)	P.U. S.S. Giri Regional Centre, Hoshiarpur	Egyptian Informatics Journal, Sciencedirect, (SCI-E), May 2021	2020 - 2021	1110-8665
Structure activity relationship in b-carboline derived anti-malarial agents	Aarzoo Kamboj , Binita Sihag , Deshkanwar Singh Brar , Arshpreet Kaur , Deepak B. Salunke	Department of Chemistry	EJMC	2020 - 2021	113536
Enhanced supercapacitive performance of reduced graphene oxide by incorporating NiCo2O4 quantum dots using aqueous electrolyte.	Poonam Siwatch , Kriti Sharma , Navjot Singh, Nirmal Manyania, S.K.Tripathi	Department of Physics	Electrochimica Acta 381 (2021) 138235	2020 - 2021	0013-4686
Polymer and Ceramic-Based Hollow Nanofibers via Electrospinning	Vishal Sharma	Institute of Forensic Science & Criminology	Electrospun Nanofibers	2020 - 2021	9.78008E+12
Thermoelectricity and Advanced Thermoelectric Materials	Ranjan Kumar, Ranber Singh	Department of Physics	Elsevier	2020 - 2021	0346-251X
Dynamic behavior and stability of energy efficient electro-magnetic suspension of rotors involving time delay	Tukesh Soni	University Institute of Engineering & Technology	Energy	2020 - 2021	Volume 231

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Influence of Morphology and Compositional Mixing on the Electrochemical Performance of Li-Rich Layered Oxides Derived from Nanoplatelet-Shaped Transition Metal Oxide-Hydroxide Precursors	M Viji, Akshay Kumar Budumuru, Vidyashree Hebbar, Sanjeev Gautam, Keun Hwa Chae, Chandran Sudakar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Energy and Fuels	2020 - 2021	0887-0624
An Overview of Advanced Nanomaterials for Sensor Applications	Deepak Rohilla, Savita Chaudhary*, A. Umar	Department of Chemistry	Engineered Science	2020 - 2021	2576-9898
Distinctive Solvatochromic Response of Fluorescent Carbon Dots Derived from Different Components of Aegle Marmelos Plant	Anjali Vijeata, G.R. Chaudhary, A. Umar, Savita Chaudhary*	Department of Chemistry	Engineered Science	2020 - 2021	2576-988X
A review on cutting fluids used in machining processes,	Dr Manu Dogra, Associate Prof. (ME)	P.U. S.S. Giri Regional Centre, Hoshiarpur	Engineering Research Express	2020 - 2021	2631-8695
Temporal and Spatial Assessment of Physico-chemical Properties in Surface and Groundwater in the Himalayan Foothill (Uttarakhand), India	Rajdeo Kumar, Triveni Shanker Verma ² , Abhishek Chandra ³ , Manoj Kumar ⁴ , Laxmi Rawat ¹	Centre for Public Health	Environment & We An International Journal of Science & Technology	2020 - 2021	ISSN 2578-5001
Slum Rehabilitation through Public Housing Schemes in India: A Case of Chandigarh	Namita Gupta	Centre for Human Rights & Duties	Environment and Urbanization Asia	2020 - 2021	0975-4253
A global observational analysis to understand changes in air quality during exceptionally low anthropogenic emission conditions.	Suman Mor	Department of Environment Studies	Environment international	2020 - 2021	0160-4120
Recent progress in nanomaterial-based sensing of airborne viral and bacterial pathogens.	Bhardwaj, S. K., Bhardwaj, N., Kumar, V., Bhatt, D., Azzouz, A., Bhaumik, J., ... & Deep, A.	University Institute of Engineering & Technology	Environment international	2020 - 2021	0160-4120
Impact of the COVID-19 pandemic on clean fuel programmes in India and ensuring sustainability for household energy needs.	Suman Mor	Department of Environment Studies	Environment international, 147, p.106335.	2020 - 2021	0160-4120
An insight into the mechanism of 'symbiotic-bioremoval' of heavy metal ions from synthetic and industrial samples using bacterial consortium	Rohit Sharma, Teenu Jasrotia, Rajeev Kumar, Raman Kumar, Ahmad Umar, Fahad A. Alharthi, Abdulaziz Al	Department of Environment Studies	Environment Technology & Innovation	2020 - 2021	2352-1864
Impact of landfill leachate on the groundwater quality in three cities of North India and health risk assessment.	Suman Mor	Department of Environment Studies	Environment, Development and Sustainability, 22(2), pp.1455-1474.	2020 - 2021	1573-2975
Public perception about community reverse osmosis-treated water, its acceptability, and barriers in choice of safe drinking water.	Suman Mor	Department of Environment Studies	Environment, Development and Sustainability, 22(6), pp.5819-5831.	2020 - 2021	1573-2975

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Assessment of on-site sanitation practices and contamination of groundwater in rural areas of Fatehgarh Sahib, Punjab, India.	Suman Mor	Department of Environment Studies	Environment, Development and Sustainability, 23, pp.4594-4613.	2020 - 2021	1573-2975
LysM domain- containing proteins modulate stress response and signalling in Triticum aestivum L.	Shumayla, Madhu, Singh K, Santosh Kumar Upadhyay	Department of Botany	Environmental and Experimental Botany	2020 - 2021	0098-8472
LysM domaincontaining proteins modulate stress response and signalling in Triticum aestivum L.	Dr. S.K. Upadhyay	Department of Botany	Environmental and Experimental Botany	2020 - 2021	na
LysM domain-containing proteins modulate stress response and signalling in Triticum aestivum L.	Shumayla, Madhu, Singh K, Santosh Kumar Upadhyay	Department of Botany	Environmental and Experimental Botany. 189, 104558	2020 - 2021	0098-8472
Elucidation of malchite green induced behavioural , biochemical, and histopathological defects in Cyprinus carpio, piscine model	Sinha, R. and Jindal, R. 2020	Department of Zoology	Environmental and Sustainability Indicators	2020 - 2021	2665-9727
Utilization of kitchen waste for production of pullulan to develop biodegradable plastic	Rishi, V. Sandhu, A.K., Kaur, A., Kaur, J., Sharma, S. and & Soni, S.K.	Department of Microbiology	Environmental biotechnology	2020 - 2021	14320614
Health concerns on provisional tolerable weekly intake of aluminium in children and adults from vegetables in Mandi-Gobindgarh (India)	Reshu Mandal & Sukhbir Kaur	Department of Zoology	Environmental Geochemistry and Health volume	2020 - 2021	1573-2983
Documentation and validation of climate change perception of an ethnic community of the western Himalaya	Prof. Daizy Rani	Department of Botany	Environmental Monitoring and Assessment	2020 - 2021	0167-6369
Nature of phytotoxic interference of alien weed ‘Calyptracarpus vialis’ against some crop plants	Lal R., Kaur A., Kaur S., Batish D.R., Singh H.P., Sharma M., Kohli, R.K.	Department of Botany	Environmental Monitoring and Assessment	2020 - 2021	1676369
Effect of fabrication strategies on the in-vitro antimicrobial and antifungal activities of Pr3+ doped Gb2O3 nanoparticles	Sushil Kumar, Savita Chaudhary*, G.R. Chaudhary,	Department of Chemistry	Environmental Nanotechnology, Monitoring & Management	2020 - 2021	2215-1532
Agronomic providences of surface functionalized CuO nanoparticles on Vigna radiata	Prof. Daizy Rani	Department of Botany	Environmental Nanotechnology, Monitoring & Management	2020 - 2021	2215-1532
A high-resolution emission inventory of air pollutants from primary crop residue burning over Northern India based on VIIRS thermal anomalies.	Suman Mor	Department of Environment Studies	Environmental Pollution, 266, p.115132.	2020 - 2021	0269-7491
Diurnal and temporal changes in air pollution during COVID-19 strict lockdown over different regions of India.	Suman Mor	Department of Environment Studies	Environmental Pollution, 266, p.115368.	2020 - 2021	0269-7491

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A review on mobile phones as bacterial reservoirs in healthcare environments and potential device decontamination approaches	Bhardwaj, N., Khatri, M., Bhardwaj, S. K., Sonne, C., Deep, A., & Kim, K. H.	University Institute of Engineering & Technology	Environmental Research	2020 - 2021	0013-9351
Biosynthesis of silver nanospheres, kinetic profiling and their application in the optical sensing of mercury and chlorite ions in aqueous solutions	Shweta Sharma	Institute of Forensic Science & Criminology	Environmental Research	2020 - 2021	0013-9351
Post-monsoon air quality degradation across Northern India: assessing the impact of policy-related shifts in timing and amount of crop residue burnt.	Suman Mor	Department of Environment Studies	Environmental Research Letters, 15(10), p.104067.	2020 - 2021	1748-9326
Comparative metagenomics of the active layer and permafrost from low carbon soil in the Canadian High Arctic.	Wu, X., Chauhan, A., Layton, A. C., Maggie C. Y. L., Brandon T. S., Daniel E. W., Lyle W., Susan M.	Department of Zoology	Environmental Science & Technology	2020 - 2021	1520-5851
Ameliorating effect of ascorbic acid on fenvalerate induced ultrastructural changes in scales, erythrocytes and gills of <i>Ctenopharyngodon idella</i> (Valenciennes, 1844.	Batoye, S., Jindal, R. and Verma, S. 2021. I.F.	Department of Zoology	Environmental Science and Pollution Research	2020 - 2021	16147499
Chemical characterization, phytotoxic, and cytotoxic activities of essential oil of <i>Mentha longifolia</i>	Singh N, SinghHP , BatishDR, Yadav SS, Kohli, R.K.	Department of Environment Studies	Environmental Science and Pollution Research	2020 - 2021	2455-0272
High selectivity and adsorption proficiency of surfactant-coated selenium nanoparticles for dye removal application	Pooja Chauhan,K. K. Bhasin, Savita Chaudhary*	Department of Chemistry	Environmental Science and Pollution Research	2020 - 2021	0944-1344
Relative effectiveness of arbuscular mycorrhiza and polyamines in modulating ROS generation and ascorbate-glutathione cycle in <i>Cajanus cajan</i> under nickel stress	Saroy, K., & Garg, N.	Department of Botany	Environmental Science and Pollution Research	2020 - 2021	9441344
Salicylic acid pre-treatment modulates Pb ²⁺ -induced DNA damage vis-à-vis oxidative stress in <i>Allium cepa</i> roots	Prof. Daizy Rani	Department of Botany	Environmental Science and Pollution Research	2020 - 2021	9441344
Impact of COVID-19 lockdown on ambient air quality in megacities of India and implication for air pollution control strategies.	Suman Mor	Department of Environment Studies	Environmental Science and Pollution Research, 28(17), pp.21621-21632.	2020 - 2021	2455-0272
Source apportionment and seasonal variation in particulate PAHs levels at a coastal site in Belgium.	Suman Mor	Department of Environment Studies	Environmental Science and Pollution Research, pp.1-11.	2020 - 2021	1614-7499

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Recent advances in the application of noble metal nanoparticles in colorimetric sensors for lead ions.	Singh, H., Bamrah, A., Bhardwaj, S. K., Deep, A., Khatri, M., Brown, R. J., Bhardwaj, N., & Kim, K.	University Institute of Engineering & Technology	Environmental Science: Nano	2020 - 2021	2051-8161
Recent advances in the applications of nano-agrochemicals for sustainable agricultural development.	Singh, H., Sharma, A., Bhardwaj, S. K., Arya, S. K., Bhardwaj, N., & Khatri, M.	University Institute of Engineering & Technology	Environmental Science: Processes & Impacts	2020 - 2021	2050-7887
Enhanced pyrene degradation by a biosurfactant producing <i>Acinetobacter baumannii</i> BJ5: Growth kinetics, toxicity and substrate inhibition studies.	Bulbul Gupta, Sanjeev Puri, Indu Shekhar Thakur, Jaspreet Kaur	University Institute of Engineering & Technology	Environmental Technology & innovation	2020 - 2021	2352-1864
Understanding the remedial strategy of <i>Klebsiella pneumoniae</i> WAH1 against emerging contaminant diclofenac sodium	Sharma, S., Setia, H., & Toor, A. P	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environmental Technology & Innovation	2020 - 2021	2532-1864
Evaluation of novel indigenous fungal consortium for enhanced bioremediation of heavy metals from contaminated sites	Daizee Talukar, Teenu Jasrotia, Rohit Sharma, Sundeep Jaglan, Rajeev Kumar, Rajeev Vats, Raman Kumar	Department of Environment Studies	Environmental Technology & Innovation	2020 - 2021	2352-1864
Enhanced pyrene degradation by a biosurfactant producing <i>Acinetobacter baumannii</i> BJ5: Growth kinetics, toxicity and substrate inhibition studies	Gupta, B., Puri, S., Thakur, I, S., Kaur, J.	University Institute of Engineering & Technology	Environmental technology and innovation	2020 - 2021	2352-1864
Geological evolution of the Tethys Himalaya	Bhargava, O.N., Singh, B.P.	Department of Geology	Episode: Journal of International Geosciences	2020 - 2021	7053797
Charnockite: a candidate for 'Global Heritage Stone Resource' designation from India.	C. Sreejith, E. A. Del Lama, Gurmeet Kaur	Department of Geology	Episodes	2020 - 2021	0705-3797
Natural Stones: architectonic heritage and its global relevance.	Gurmeet Kaur, Maria Heloisa de Oliveira Frascá, Dolores Pereira	Department of Geology	Episodes	2020 - 2021	0705-3797
Universal value to be pursued in Episodes.	Kim, H., Lee, J. Y., Finney, S., Di Capua, G., Gurmeet Kaur & Pereira, M. D.	Department of Geology	Episodes	2020 - 2021	0705-3797
Adjusting neutrino interaction models and evaluating uncertainties using NOvA near detector data	Vipin Bhatnagar, Daisy Kalra et al.	Department of Physics	Eur. Phys. J.	2020 - 2021	
A μ 4-Oxo Bridged Tetranuclear Zinc Complex as an Efficient Multitask Catalyst for CO ₂ Conversion	Raman Kumar, Subash Chandra Sahoo, Prasant K Nanda	Department of Chemistry	Eur.J. Inorg. Chem. 2021 11 1057	2020 - 2021	1434-1948
Production of ω mesons in pp collisions at $\sqrt{s}=7$ TeV	L.kumar, et. al.	Department of Physics	Eur.Phys.J.C 80 (2020) 12, 1130	2020 - 2021	1434-6044

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Multiplicity dependence of π π , K, and p production in pp collisions at $\sqrt{s}$ =13 TeV	L.kumar, et. al.	Department of Physics	Eur.Phys.J.C 80 (2020) 8, 693	2020 - 2021	1434-6044
(Anti-)deuteron production in pp collisions at s=13 TeV	L.kumar, et. al.	Department of Physics	Eur.Phys.J.C 80 (2020) 9, 889	2020 - 2021	1434-6044
Production of light-flavor hadrons in pp collisions at s = 7 and s=13 TeV $\sqrt{s}$ ~7 ext { and } $\sqrt{s}$ = 13 , ext { TeV} s = 7 and s =13 TeV	L.kumar, et. al.	Department of Physics	Eur.Phys.J.C 81 (2021) 3, 256	2020 - 2021	1434-6044
Development and validation of HERWIG 7 tunes from CMS underlying-event measurements	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Eur.Phys.J.C 81 (2021) 4, 312	2020 - 2021	1434-6044
Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s}$ = 13 TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Eur.Phys.J.C 81 (2021) 4, 378	2020 - 2021	1434-6052
Production of pions, kaons, (anti-)protons and ϕ mesons in Xe–Xe collisions at $\sqrt{s_{\mathrm{NN}}}$ = 5.44 TeV	L.kumar, et. al.	Department of Physics	Eur.Phys.J.C 81 (2021) 7, 584	2020 - 2021	1434-6044
Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton–proton collisions at $\sqrt{s}$ =13TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Eur.Phys.J.C 81 (2021) 7, 629	2020 - 2021	1434-6044
Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s}$ = 5.02, 7 and 13 TeV	L.kumar, et. al.	Department of Physics	Eur.Phys.J.C 81 (2021) 7, 630	2020 - 2021	1434-6044
Shift in Accountability of Intermediaries for Intellectual Property Violations: A Critical Analysis of Laws	Prof. RajinderKaur, Prof. RashmiAggarwal and NamitaBhardwaj	University Institute of Legal Studies	European Intellectual Property Review, Volume 43 Issue 8 2021	2020 - 2021	0421-0461
Opinions of married and unmarried women towards cesarean section and cesarean delivery on maternal request in Chandiarh, North India	Savita Prashar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	European Journal of Biomedical and Pharmaceutical Sciences	2020 - 2021	IssN 2349-8870, Volume:8, Issue:1, 338-345
Opinions of married and unmarried women towards cesarean section and cesarean delivery on maternal request in Chandigarh, North India	Amandeep Kaur, Dr. Dinesh Kumar, Dr. Savita Prashar and Dr. Ikreet Singh Bal	Centre for Public Health	European Journal of Biomedical and Pharmaceutical Sciences	2020 - 2021	IssN 2349-8870
Recent advances in steroid amino acid conjugates: Old scaffolds with new dimensions	Poonam Singla, Deepak B. Salunke	Department of Chemistry	European Journal of Medicinal Chemistry	2020 - 2021	111909

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Pathophysiology linking depression and type 2 diabetes: Psychotherapy, physical exercise, and fecal microbiome transplantation as damage control	Prof. Rajat Sandhir	Department of Biochemistry	European Journal of Neuroscience	2020 - 2021	ISSN:1460-9568,0953-816X
Excited-State 2,3-Dichloro-5,6-dicyano-1,4-benzoquinone (DDQ*) Initiated Organic Synthetic Transformations under Visible-Light Irradiation	Natarajan, P.; König, B	Department of Chemistry	European Journal of Organic Chemistry	2020 - 2021	1434-193X
Streptomycin sulphate loaded solid lipid nanoparticles show enhanced uptake in macrophage, lower MIC in Mycobacterium and improved oral bioavailability	Singh, M., Schiavone, N., Laura, P., Maan, P., Kaur, J., Singh, G., Nandi, U., Nosi, D., Tani, A., Khuller, K.G., Manisha, P., Singh, R., Kaur, I.P.	University Institute of Pharmaceutical Sciences	European Journal of Pharmaceutics and Biopharmaceutics	2020 - 2021	1234
Toxicity studies of highly bioavailable isoniazid loaded solid lipid nanoparticles as per Organisation for Economic Co-operation and Development (OECD) guidelines	Bhandari, R., Singh, M., Jindal, S., Kaur, I.P.	University Institute of Pharmaceutical Sciences	European Journal of Pharmaceutics and Biopharmaceutics	2020 - 2021	1234
Substituted steroids alleviate LPS-induced neurodegenerative disorders in rats,	Ranjit Singh and Ranju Bansal.	University Institute of Pharmaceutical Sciences	European Journal of Pharmacology	2020 - 2021	0346-2515
Double-Diffusive Instability of Casson Nanofluids with Numerical Investigations for Blood-Based Fluid.	Urvashi Gupta, Jyoti Sharma, Mamta Devi	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	European Physical Journal Special Topics	2020 - 2021	19516355-19516401
Naive bayes-correlation based feature weighting technique for sports match result prediction	Manoj Sharma, Monika, Naresh Kumar, Kumar Pardeep	University Institute of Engineering & Technology	Evolutionary Intelligence	2020 - 2021	1864-5909
Co-delivery of isotretinoin and clindamycin by phospholipid-based mixed micellar system confers synergistic effect for treatment of acne vulgaris.	Sharma, G., Yachha, Y., Thakur, K., Mahajan, A., Kaur, G., Singh, B., Raza, K., Katare, O.P.,	University Institute of Pharmaceutical Sciences	Expert Opin Drug Deliv	2020 - 2021	1742-5247
Advances in the pharmacotherapeutic management of post-traumatic stress disorder.	Akhtar A., Sah S P.	University Institute of Pharmaceutical Sciences	Expert Opinion in Pharmacotherapy 14;1-12 (2021)	2020 - 2021	1935871
Improved Biopharmaceutical Attributes of Lumefantrine using Choline mimicking Drug Delivery System: Preclinical Investigation on NK-65 P.berghei Murine Model	Ripandeep Kaur, Varun Gorki, OP Katare, Neelima Dhingra, Monika Chauhan, Ranjot Kaur, Niroshini	University Institute of Pharmaceutical Sciences	Expert opinion on drug delivery	2020 - 2021	
Self-preserving gelatin emulgel containing whole cell probiotic for topical use: preclinical safety, efficacy and germination studies.	Sharma, G., Sharma, M., Sood, R., Neelamraju, J., Lakshmi, S.G., Madempudi, R.S., Rishi, P. and K	Department of Microbiology	Expert Opinion on Drug Delivery	2020 - 2021	1742-5247

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
TLR4 as a therapeutic target for respiratory and neurological complications of SARS-CoV-2,	Dhriti Kaushik, Ranjana Bhandari &&&&& Anurag Kuhad	University Institute of Pharmaceutical Sciences	Expert Opinion on Therapeutic Targets	2020 - 2021	1472-8222
The Nrf2 pathway in psychiatric disorders: pathophysiological role and potential targeting.	Bhandari R, Kaur J, Kaur S, Kuhad A.	University Institute of Pharmaceutical Sciences	Expert Opin Ther Targets	2020 - 2021	1472-8222
Survey of feature extraction and classification techniques to identify plant through leaves	Silki Sachar, Anuj Kuar	Department of Computer Science & Applications	Expert System with Applications	2020 - 2021	0957-4174
Afsana Kashti Ka Tajziya	Zaheer Haider	Department of Urdu	Faizan-e-Adab	2020 - 2021	2456-4001
Felicitation of Boddhi Sattva, Prof. Renuka Singh , Disciple of His H	Dr. Moniva Sarkar	Department of Sociology	Felicitation of Boddhi Sattva, Prof. Renuka Singh	2020 - 2021	na
Volatile self-inhibitor of spore germination in pathogenic Mucorale Rhizopus arrhizus.	Mahaldeep Kaur and Rachna Singh* (*Corresponding author)	Department of Microbial Biotechnology	FEMS Microbiology Ecology	2020 - 2021	0168-6496
Time Varying Volatility of size-based Market Indices: Evidence from India	Dr.Nishi Sharma	University Institute of Applied Management Sciences	Finance India	2020 - 2021	0970-3772
Geopolitics of water Conflict in West Asia: The Tigris-Euphrates Basin,	Mohammed Khalid	Department of Evening Studies	Fins Journal	2020 - 2021	2581-6586
Pollination related temporal sequences of reproductive development and tracing the path of pollen tubes in Cymbidium pendulum (Roxb.) Sw., an ornamental orchid.	Prof. Harsh Nayyar	Department of Botany	Flora	2020 - 2021	ISSN: 0367-2530
Stability of transient natural convection in impulsively heated inclined fluid layer	Renu Bajaj	Department of Mathematics	Fluid Dynamics Research	2020 - 2021	0169-5983
Immunomodulatory Mechanistic Potentials of Herbals	Varnika Chib, Jeslin Johnson, Monu Yadav and Anil Kumar	University Institute of Pharmaceutical Sciences	Focus on Medical Sciences Journal	2020 - 2021	2645-8241
A mouse airpouch model for evaluating the antibacterial efficacy of phage MR-5 in resolving skin and soft tissue infection induced by methicillin resistant Staphylococcus aureus.	Kaur S. and Chhibber S.	Department of Microbiology	Folia Microbiologica	2020 - 2021	0015-5632
Biofilms and nanoparticles: applications in agriculture	Ranjana Bhatia, Divij Gulati, Gavin Sethi	University Institute of Engineering & Technology	Folia Microbiologica	2020 - 2021	0015-5632
Isolation of Pectin from Kinnow peels and its Characterization	Gargi Ghoshal, Pooja Negi	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Food and Bio-product Processing	2020 - 2021	0960-3085
Naringenin Ameliorates diabetic neuropathic pain by modulation of oxidative nitrosative stress, cytokines and MMP-9 level	Pratishtha Singh, Seema Bansal, Anurag Kuhad, Anil Kumar and Kanwaljit Chopra	University Institute of Pharmaceutical Sciences	Food and Function	2020 - 2021	2042-650X

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Schiff base – Zn ²⁺ ion combo as ‘pick and degrade’ probe for selected organophosphorus chemical weapon mimics and flame retardant analog: Detoxification of fruits and vegetables in aqueous media	Singh, J., Thakur, S., Singh, R., Kaur, V.	Department of Chemistry	Food Chemistry	2020 - 2021	0308-8146
Comparative analysis of static and dynamic bare footprint dimensions in a north Indian population,	Dr. Kewal Krishan	Department of Anthropology	Forensic Science International, 308, 110169,	2020 - 2021	0379-0738
Medico-legal encounters of 2015 Nepal Earthquake - Path traversed and the road ahead,	Dr. Kewal Krishan	Department of Anthropology	Forensic Science International, 313, 110339, DOI: https://doi.org/10.1016/j.forsciint.2020.110339	2020 - 2021	0379-0738
Estimation of Sex in Forensic Examinations using Logistic Regression and Likelihood Ratios	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Forensic Science International: Reports	2020 - 2021	2665-9107
Exploration of Digital Dermatoglyphics of two ethnicities of North India- forensic and anthropological aspects,	Dr. Kewal Krishan	Department of Anthropology	Forensic Science International-Reports (2); 100055, Elsevier, DOI: https://doi.org/10.1016/j.fsir.2020.100055	2020 - 2021	2665-9107
Stature Estimation in Forensic Examinations using Regression Analysis A Likelihood Ratio Perspective,	Dr. Kewal Krishan	Department of Anthropology	Forensic Science International-Reports, 2: 100069,	2020 - 2021	0379-0738
Estimation of Sex in Forensic Examinations using Logistic Regression and Likelihood Ratios,	Dr. Kewal Krishan	Department of Anthropology	Forensic Science International-Reports, Volume 2, December 2020, 100118.	2020 - 2021	0379-0738
Forensic Anthropology in Investigations of Crimes Against Humanity: Global Dimensions and the Mid-19th-Century Ajnala (India) Massacre.	Sehrawat, J. S.,	Department of Anthropology	Forensic science review, 33(1), 37-65.	2020 - 2021	10427201
A deleterious interplay between endoplasmic reticulum stress and its functional linkage to mitochondria in nephrolithiasis	Prof. Amarjit Singh Naura, Prof. S.K.Singla	Department of Biochemistry	Free Radical Biology and Medicine	2020 - 2021	ISSN:0891-5849E- ISSN:1873-4596
Bacteriophage and endolysin encapsulation systems: A promising strategy to improve therapeutic outcomes.	Gondil V. Chhibber S.	Department of Microbiology	Front Pharmacol	2020 - 2021	16639812

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Role of Cyclooxygenase-2 in colorectal cancer patients	Dhawan, D.K	Department of Biophysics	Frontiers in Bioscience - Landmark	2020 - 2021	ISSN:1093-9946E- ISSN:1093-4715
Carbon Based Nanodots in Early Diagnosis of Cancer	Singla, Neha	Department of Biophysics	Frontiers in Chemistry	2020 - 2021	ISSN:2296-2646
Carbon based nanodots in early diagnosis of cancer. (Invited Review Article, Accepted to Frontiers in Chemistry)	Gurpal Singh, Harinder Kaur, Akanksha Sharma, Joga Singh, Santosh Kumar, Neha Singla, Indu Pal K	Department of Biotechnology	Frontiers in Chemistry	2020 - 2021	2296-2646
Neuroimmune Mechanisms in Signaling of Pain During Acute Kidney Injury (AKI)	Dr. Veena Puri	Centre for System Biology & Bioinformatics	Frontiers in Medicine	2020 - 2021	2296-858X
Salmonella Strain Specificity Determines Post-typhoid Central Nervous System Complications: Intervention by Lactiplantibacillus plantarum at Gut-Brain Axis.	Kaur, A., Chopra, K., Kaur, I.P. and Rishi, P.,	Department of Microbiology	Frontiers in Microbiology	2020 - 2021	1664302X
Developing climate-resilient chickpea involving physiological and molecular approaches with a focus on temperature and drought stresses.	Prof. Harsh Nayyar	Department of Botany	Frontiers in plant science	2020 - 2021	ISSN: 1664-462X
An Overview of the Characteristics and Potential of Calotropis procera From Botanical, Ecological, and Economic Perspectives	Kaur, A., Batish, D.R., Kaur, S., Chauhan, B.S.	Department of Botany	Frontiers in Plant Science	2020 - 2021	1664462X
Identification and Characterization of Contrasting Genotypes/Cultivars for Developing Heat Tolerance in Agricultural Crops: Current Status and Prospects	Prof. Harsh Nayyar	Department of Botany	Frontiers in plant science	2020 - 2021	ISSN:1664-462X
Molecular characterization revealed the role of thaumatin-like proteins in stress response in bread wheat	Alok Sharma, Himanshu Sharma, Ruchika Rajput, Ashutosh Pandey, Santosh Kumar Upadhyay	Department of Botany	Frontiers in Plant Science	2020 - 2021	
neuroimmune mechanism in signling during pain in acute kidney injury(AKI)	Gupta, A., kumar, D., Puri, S., Puri, V.	University Institute of Engineering & Technology	Frontiers medicine	2020 - 2021	2296-858X
Transportation mode detection using cumulative acoustic sensing and analysis	Vij D., Aggarwal N.	University Institute of Engineering & Technology	Frontiers of Computer Science	2020 - 2021	20952228
Functionalized multiwall carbon nanotubes to enhance dispersion in castor oil-based polyurethane nanocomposites	Anupama Mogha, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Fullerenes Nanotubes and Carbon Nanostructures	2020 - 2021	1536383X

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
The lipolytic activity of LipJ, a stress-induced enzyme, is regulated by its C-terminal adenylate cyclase domain	Bandana Kumari, Jashandeep Kaur, Pratibha Maan, Arbind Kumar, Jagdeep Kaur	Department of Biotechnology	Future Microbiology	2020 - 2021	1746-0913
The neural G protein Gao tagged with GFP at an internal loop is functional in C. elegans	Santosh Kumar*, Andrew C. Olson and Michael R. Koelle.	Department of Biotechnology	G3	2020 - 2021	2160 1836
Correlation of over-expression of rv1900c with enhanced survival of M. smegmatis under stress conditions: Modulation of cell surface properties	Bandana Kumari, Jagdeep Kaur	Department of Biotechnology	Gene	2020 - 2021	0378-1119
Genome sequence and comparative genomics of multi-drug resistant strain Pseudomonas monteilii CD10_2 isolated from a type 1 diabetic-celiac disease patient	Dhawan, D.K	Department of Biophysics	Gene Reports	2020 - 2021	2452-0144
Connectivity an Relativity of Performing Arts to Indian Culture and Tradition	Dr. Navdeep Kaur	Department of Indian Theatre	GENIUS	2020 - 2021	2279-0489
Drama in Education A Philosophical Base for Drama-in-Education	Dr. Navdeep Kaur	Department of Indian Theatre	GENIUS	2020 - 2021	2279-0489
Gene networks determine predisposition to AMD	Sharma K, N.K. Sharma, Suresh Kumar Sharma, A. Anand	Department of Statistics	Genomics	2020 - 2021	
Molecular characterization of ascorbate peroxidase (APX) and APX-related (APX-R) genes in Triticum aestivum L	Tyagi S, Shumayla, Verma PC, Singh K, Upadhyay SK	Department of Biotechnology	Genomics	2020 - 2021	0888-7543
Molecular characterization of ascorbate peroxidase (APX) and APX-related (APX-R) genes in Triticum aestivum L.	Shivi Tyagi, Praveen Chandra Verma, Kashmir Singh, Santosh Kumar Upadhyay	Department of Botany	Genomics	2020 - 2021	4208-4223
Physiological and molecular responses to combinatorial iron and phosphate deficiencies in hexaploid wheat seedlings	Gazaldeep Kaur,*, Vishnu Shukla,*, Anil Kumar1, Deepshikha Tyagi, Jagtar Singh, Pramod Kaitheri Kand	Department of Biotechnology	Genomics	2020 - 2021	0888-7543
Teeth of past and present elephants: Microstructure and composition of enamel in fossilized proboscidean molars and implications for diagenesis	Białas, N., Prymak, O., Singh, N. P., Paul, D., Patnaik, R., & Epple, M.	Department of Geology	Geochemistry, Geophysics, Geosystems	2020 - 2021	15252027
Jaisalmer Golden Limestone: A Heritage Stone Resource from the Desert of Western India.	Gurmeet Kaur, Kaur, P., Ahuja, A., Singh, A., Saini J., Agarwal P., Bhargava O.N., Pandit M. et al.	Department of Geology	Geoheritage	2020 - 2021	12371-020-00475-2

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Proterozoic Slates from Chamba and Kangra: a Heritage Stone Resource from Himachal Pradesh, India.	Gurmeet Kaur, Bhargava, O.N., Ruiz de Argandoña, V. G., Thakur, S. N., Singh, A., Saini, J., et al.	Department of Geology	Geoheritage	2020 - 2021	12371-020-00487
The Alwar Quartzite Built Architectural Heritage of North India: a Case for Global Heritage Stone Resource Designation.	Gurmeet Kaur, Agarwal, P., Garg, S., Kaur, P., Saini, J., Singh, A. et al.	Department of Geology	Geoheritage	2020 - 2021	12371-021-00574-8
Jodhpur Sandstone: An Architectonic Hertiage Stone from India, 2020 Geohertiage 12, 16,	G. Kumar & S. Singh (et. al.)	Department of Geology	Geohertiage 12, 16	2020 - 2021	18672477
Impact of Perceived Organizational Virtuuousness on Workplace Happiness: A Comparative Study of Visually Impaired and Sighted Government Employees of Haryana	Geeta Bansal	University School of Open Learning	Glimpse of contemporary Businessand management Research	2020 - 2021	
Optimal Tilt Angle Determination for PV panels using Real-Time Data Acquisition Global Challenges, 2020, 4, 1900109. https://doi.org/10.1002/gch2.201900109	manoj Kumar Sharma	University Institute of Engineering & Technology	Global Challanges	2020 - 2021	2056-6646
Solvency vis-a-vis Liquidity: A study of Non Performing Assets in Textile Sector Companies in Punjab, India	Ashish Saihjpal	P.U. Regional Centre, Ludhiana	GNA Journal of Management & Technology	2020 - 2021	0974-5726
Peroxodisulfate-assisted three-component benzylation of coumarins with styrenes and KSCN: a transition-metal-free approach for the synthesis of 3-(1-aryl-2-thiocyanatoethyl)-2H-chromen-2-one in ethyl lactate	Palani Natarajan, Priya and Deachen Chuskit	Department of Chemistry	Green Chem., 2021,23, 4873	2020 - 2021	1463-9262
Applications of AI and Machine Learning in Banking Solutions	Dr.Nidhi Gautam	University Institute of Applied Management Sciences	Grenze International Journal of Engineering and Technology	2020 - 2021	2395-5295
Marketing in the New Era: Investigating the Personaltiy Antecedents of Materialism, Consumer Insecurity, and Consumer Lonliness	Purva Kansal & Neha Singh	University Business School	Gurukul Business Review	2020 - 2021	0973-1466 (offline), 0973-9262 (online)
Characterization of functionalized multiwalled carbon nanotubes and comparison of their cellular toxicity between HEK 293 cells and zebra fish in vivo.	Dr. Veena Puri	Centre for System Biology & Bioinformatics	Heliyon	2020 - 2021	https://doi.org/10.1016/j.heliyon.2019.e02605

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Genome-wide characterization and expression and co-expression analysis suggested diverse functions of WOX genes in bread wheat	Meenakshi Rathour, Alok Sharma, Amandeep Kaur, Santosh Kumar Upadhyay	Department of Botany	Heliyon	2020 - 2021	24058440
Global sequence features based translation initiation site prediction in human genomic sequences	Neelam Goel	University Institute of Engineering & Technology	Heliyon	2020 - 2021	2405-8440
Hempseed (<i>Cannabis sativa</i>) lipid fractions alleviate high-fat diet-induced fatty liver disease through regulation of inflammation and oxidative stress	Kaushal, Naveen	Department of Biophysics	Heliyon	2020 - 2021	2405-8440
COVID-19 lockdown and its impact on tropospheric NO ₂ concentrations over India using satellite-based data.	Suman Mor	Department of Environment Studies	Heliyon, 6(9), p.e04764.	2020 - 2021	2405-8440
In vitro anthelmintic activity of <i>Chenopodium album</i> and in-silico prediction of mechanistic role on <i>Eisenia foetida</i> .	Choudhary N, Khatik GL, Choudhary S, Singh G, Suttee A.	University Institute of Pharmaceutical Sciences	Heliyon.	2020 - 2021	1234
Evolution of the Lesser Himalaya in Space and time	Bhargava, O.N., Singh, B.P., Wolfgang Frank, Tangri, S.K.,	Department of Geology	Himalayan Geology	2020 - 2021	0971-8966
Sharks and rays (chondrichthyes, elasmobranchii) from the miocene sediments of Kutch, Gujarat, India: paleoenvironmental and paleobiogeographic implications	K Milankumar Sharma, N Amardas Singh, Rajeev Patnaik, R P Tiwari, Ningthoujam Premjit Singh, Y Pr	Department of Geology	Historical Biology	2020 - 2021	1893712
Comparative morphotaxonomical affinities, palaeoecological implications and cladistic analyses of ornithoid eggshells (oofamily Laevisoolithidae) from the Late Cretaceous intertrappean beds of Anjar, District Kachchh, Gujarat, India. Vol No. 33 (11), 2829–2844. October 2021. https://doi.org/10.1080/	Khosla, A., Fernandez, M., Salgado, L. and Sahni, A.	Department of Geology	Historical Biology (Taylor and Francis)	2020 - 2021	0891-2963 (Print) 1029-2381 (Online)
Paleobiogeographical inferences of Indian Late Cretaceous vertebrates with special reference to dinosaurs, Vol. 33 (9), 1431–1442	Ashu Khosla	Department of Geology	Historical Biology (Taylor and Francis),	2020 - 2021	0891-2963
Preparation, standardization and antiplasmodial efficacy of novel nosode from <i>Plasmodium falciparum</i>	Suri M, Walter NS, Katnoria S, Gorki V, Manchanda RK, Khurana A, Nayak D, Bagai U, Kaur S.	Department of Zoology	Homeopathy	2020 - 2021	1475-4916

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
The effect of Iodine 30c on experimental visceral leishmaniasis.	Joshi J, Bandral C, Manchandan R K, Khurana A, Nayak D, Kaur S	Department of Zoology	Homeopathy Journal	2020 - 2021	1475-4916
BBIQ, a pure TLR7 agonist, is an effective influenza vaccine adjuvant	Deepender Kaushik, Simran Dhingra, Madhuri T. Patil, Deepak B. Salunke, and Nikolai Petrovsky	Department of Chemistry	HUMAN VACCINES & IMMUNOTHERAPEUTICS	2020 - 2021	1989-1996
DOES PUBLIC EDUCATION EXPENDITURE AFFECT ECONOMIC GROWTH? EVIDENCE FROM HARYANA	PUJA RANI, DEEPAK KAPUR	University Business School	HUMANITIES AND SOCIAL SCIENCE STUDIES	2020 - 2021	2319-829X
Subaltern Alternatives: Discussing Caste and Gender in India	Dr. Moniva Sarkar	Department of Sociology	IAFOR	2020 - 2021	na
Ichnology and biostratigraphic significance of Cambrian trace fossils from the lowest stratigraphic level of Kunzam La Formation, Chandra Valley, Lahaul and Spiti, India.	Kaur, R., Singh, B.P., Bhargava, O.N., Mikuláš, R., Singla, G., Prasad, S.K., Stopden, S.,	Department of Geology	Ichnos	2020 - 2021	10420940
Reply to discussion on trace fossils, depositional context and paleogeography of the Upper Tal Group (upper lower Cambrian) (Lesser Himalaya) by Ed Landing and Gerd Geyer.	Singh, B.P., Bhargava, O.N., Mikuláš, R., Morrison, S.,	Department of Geology	Ichnos	2020 - 2021	10420940
A Deep Learning Approach for Indian Sign Language Gestures Classification with Different Backgrounds	Richa Dhiman, Garima Joshi and Ramakrishna Challa	University Institute of Engineering & Technology	ICMAI-2021	2020 - 2021	1742-6588
Oropharyngeal Trauma : A prevailing yet abstruse oral condition in young children	Dr Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	iDentistry	2020 - 2021	.
Hyperband Tuned deep neural network with well posed stacked sparse AutoEncoder for detection of DDoS attacks in cloud	Aanshi Bhardwaj, Veenu Mangat, Renu Vig	University Institute of Engineering & Technology	IEEE Access	2020 - 2021	15505499
Applications of digital signal processing in monitoring machining processes and rotary components: A review	Goyal, D., Mongia, C., & Sehgal, S.	University Institute of Engineering & Technology	IEEE Sensors Journal	2020 - 2021	1530-437X / 1558-1748
Magnetic Bearings for Marine Rotor Systems—Effect of Standard Ship Maneuver	Tukesh Soni	University Institute of Engineering & Technology	IEEE Transactions on Industrial Electronics	2020 - 2021	Print ISSN: 0278-0046 Electronic ISSN: 1557-9948
Structural and physicochemical properties of Rheum emodi mediated Mg (OH) 2 nanoparticles and their antibacterial and cytotoxic potential	Sharma, D., Ledwani, L., Kumar, N., Pervaiz, N., Mehrotra, T., & Kumar, R.	Department of Zoology	IET nanobiotechnology	2020 - 2021	Online ISSN:1751-875X

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Novel Circuit Model of Multi-walled CNT Bundle Interconnects Using Multi-valued Ternary Logic	Sulochana, V., Venkataiah, C., Agrawal, S., Singh, B.	University Institute of Engineering & Technology	IETE Journal of Research	2020 - 2021	3772063
Wind-Hydro Combined Bidding Approach for Congestion Management Under Secured Bilateral Transactions in Hybrid Power System	Aditi Gupta, Yajvender P. Verma, Amit Chauhan	University Institute of Engineering & Technology	IETE Journal of Research	2020 - 2021	0974-780X
BUYING BEHAVIOUR OF NATIONAL AND INTERNATIONAL STUDENTS TOWARDS APPAREL AND ACCESSORIES	Dr Anu H. Gupta	University Institute of Fashion Technology & Vocational Development	IIS University Journal of Arts	2020 - 2021	2319-5339
Deep learning-based object detection in low-altitude UAV datasets: A survey	Mittal P., Singh R., Sharma A.	University Institute of Engineering & Technology	Image and Vision Computing	2020 - 2021	Elsevier Ltd/2628856
Characterization of MWCNTs-Polystyrene Nanocomposite based Strain Sensor	Tarun Singla, Amrinder Pal Singh, Suresh Kumar, Gagandeep Singh, Navin Kumar	University Institute of Engineering & Technology	IMechE Part E: Journal of Process Mechanical Engineering	2020 - 2021	0954-4089
Immune induction by adjuvanted Leishmania donovani vaccines against the visceral leishmaniasis in BALB/c mice	Goyal D K, Keshav P and Kaur S	Department of Zoology	Immunobiology.	2020 - 2021	0171-2985
Problems of Religious Minorities in India : A Comparative Study of Christian and Muslims in the state of Punjab	Dr. Emanuel Nahar	University School of Open Learning	Indian Council of Social Science Research, New Delhi	2020 - 2021	
Psoriasis and Periodontitis: Exploring an association or lack thereof	Gurparkash Singh Chahal, Savita Prashar, Mili Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Dermatology Online Journal	2020 - 2021	ISSN: 2249-5673
ASSESSMENT OF PHYTOCONSTITUENTS OF MEDICINAL IMPORTANCE FROM MILETTIA PEGUENSIS ALI (SYN. MILETTIA OVALIFOLIA KURZ)	Prof. M.C. Sidhu	Department of Botany	Indian Drugs	2020 - 2021	0019462X
Phytochemical investigation of Moringa oleifera Lam. Through GC-MS and elemental analysis	Prof. M.C. Sidhu	Department of Botany	Indian Forester	2020 - 2021	0019-4816
‘Two Rajyas and a Devi: State Formation and Religious Processes in Central India (circa Fifth-Sixth Century CE)’	Dr. Ashish Kumar	Department of History	Indian Historical Review, Vol. 47, No. 2, 2020, pp. 330-346	2020 - 2021	0376-9836 (print) 0975-5977 (web)
COVID-19 and Perfect Lockdown in India: Impact on India’s Workforce	Gaurav Bhatia and Tilak Raj	University Business School	Indian Journal of Applied Economics and Business	2020 - 2021	2582-4325
paediatric palatal focal fibrous hyperplasia	Hemant Batra	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	indian journal of applied research	2020 - 2021	ISSN 2249-555X (Print)
SUPERFICIAL GROUP OF MUSCLES OF POSTERIOR COMPARTMENT OF THE FOREARM – AN ANATOMICAL STUDY	Dr Harsimarjit Kaur, Dr Divya Mahajan, Dr Abha Sheth Bajaj	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal of Applied Research	2020 - 2021	PRINT ISSN No 2249 - 555X

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Emergency preparedness of oralhealth professionals during covid-19 pandemic: A KAP study	Archna Agnihotri	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian journal of Dental Sciences	2020 - 2021	ISSN 2231-2293
Pathological signatures of identity in Ajnala skeletal remains: A forensic dentistry investigation.	Dr. J.S. Sehrawat	Department of Anthropology	Indian Journal of Dental Sciences, 12(4), 216.	2020 - 2021	2231-2293
Climate change and its impact on Health: A local Perception of people of Kotkhai Tehsil of District Shimla , Himachal Pradesh	A.K Sinha	Department of Anthropology	Indian Journal of Development Research and Social Action	2020 - 2021	0973-3116
Accountability of Social Media: Laws, Censorship and Social Accountability	Dr. Ravinder Kaur	University School of Open Learning	Indian Journal of Distance Education	2020 - 2021	ISSN No. 2249-9415
Distance Education and People with Disabilities	Prof. Madhurima Verma	University School of Open Learning	Indian Journal of Distance Education	2020 - 2021	ISSN No. 2249-9415
Educational exclusion at secondary education level: Perspectives of parents and teachers.	Prof. Kuldeep Puri	University School of Open Learning	Indian Journal of Distance Education	2020 - 2021	ISSN 2249-9415
Educational exclusion at secondary education level:Perspective of parents and teacher	Kuldip Puri:Mamta Garg: Satvinderpal KaurKuldeep Kaur	Department of Education	Indian Journal of Distance Education	2020 - 2021	ISSN 2249-9415
Effect of multimedia method of instruction on reading motivation of students having dyslexia	Ashwani Kumar & Kuldeep Kaur	Department of Education	Indian Journal of Distance Education	2020 - 2021	ISSN 2249-9415
Literature for Democracy Exploring the Voice of Resistance in Swarajbirs Play Dharam Guru	Dr. Rajesh Kumar Jaiswal	University School of Open Learning	Indian Journal of Distance Education	2020 - 2021	Print Journal (ISSN 2249-9415)
Nursing Education in India: A Boon or Bane?	Dr. Reena Rani Chaudhary	University School of Open Learning	Indian Journal of Distance Education	2020 - 2021	ISSN No.2249-9415
Role of Social Media in Open Learning Education	Dr. Ram Mehar	University School of Open Learning	Indian Journal Of Distance Education	2020 - 2021	ISSN:2249-9415
Role of Student Support Services in Open Learning Institutions: A Case Study	Dr. Kuljeet Kaur	University School of Open Learning	Indian Journal of Distance education	2020 - 2021	ISSN: 2249-9415
Nature and Composition of Services Sector in India: A Time Series Analysis	Gaurav Bhatia and Tilak Raj	University Business School	Indian Journal of Economics and Development	2020 - 2021	2277-5412
Rural Non-farm Employment in Punjab: Nature, Pattern and Determinants.	Neeraj Sharma	Department of Evening Studies	Indian Journal of Economics and Development	2020 - 2021	Print ISSN 2277-5412, Online ISSN 2322-0430.

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
In vitro anticariogenic effects of gallic acid against streptococcus mutans.	Prof. Sukesh Chander Sharma	Department of Biochemistry	Indian Journal of Experimental Biology	2020 - 2021	ISSN: 0975-1009 (Online); 0019-5189 (Print)
Economic Analysis of Organic vs. Non-organic Farming in Himachal Pradesh	Tilak Raj	University Business School	Indian Journal of Hill Farming	2020 - 2021	0970-6429
Exploring gender disparity in nutritional status and dietary intake of adolescents in Uttarkashi	Dr. Maninder Kaur	Department of Anthropology	Indian Journal of Human Development, 14(1), 115-127.	2020 - 2021	0973-7030, 2456-480X
Exploring gender disparity in nutritional status and dietary intake of adolescents in Uttarkashi.	Maninder Kaur, Raminder Kaur and and Priyanka Walia	Department of Anthropology	Indian Journal of Human Development, 14(1), 115-127.	2020 - 2021	09737030, 2456480X
Small firms' Dynamism , the Organizational Forms: Nature of 'Young-Kaldor Industrialization'	Padhi,S .P.	Department of Economics	Indian Journal of Industrial Relation Vol no. 56 No. 1	2020 - 2021	0019-5286
Poverty Gaps and Gaps in Theory: A Note on Dynamising Small Firms	Padhi, S.P.	Department of Economics	Indian Journal of Labour Economics, Vol.56, no.1, 1-22	2020 - 2021	0019-5308
Diet, gut microbiota and COVID-19. Indian Journal of Microbiology, pp.1-10	Rishi, P., Thakur, K., Vij, S., Rishi, L., Singh, A., Kaur, I.P., Patel, S.K., Lee, J.K. and Kali	Department of Microbiology	Indian Journal of Microbiology	2020 - 2021	468991
Improvisation and Evaluation of Laterosporulin Coated Titanium Surfaces for dental Applications: An In Vitro Investigation	Vishakha Grover, Manjula Mehta, Komal Sehgal, Rajni Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal of Microbiology	2020 - 2021	00468991, 09737715
Co abuse of alprazolam augments the hepato-renal toxic effects of methylphenidate Meenu Dutt, Ravinder Naik Dharavath, Tanzeer Kaur, Navpreet Kaur, Kanwaljit Chopra, Shweta Sharma	Shweta Sharma	Institute of Forensic Science & Criminology	Indian Journal of Pharmacology	2020 - 2021	0253-7613
Co-abuse of alprazolam augments the hepato-renal toxic effects of methylphenidate	Tanzeer Kaur	Department of Biophysics	Indian Journal of Pharmacology	2020 - 2021	ISSN 0253-7613
Addressing Poverty and Vulnerability of Women through Microfinance for Sustainable Livelihood: Concept and Inter-relation	Dr. Navreet	Department of Public Administration	Indian Journal of Political Science	2020 - 2021	0019-5510
Readership among College Students during COVID-19 Lockdown: A Cross Sectional Survey in a Northern City of India	Dr. Komil Tyagi, Dr. Gaurav Gaur, Dr. Meenakshi Sharma	Centre for Social Work	Indian Journal of Preventive and Social Medicine	2020 - 2021	ISSN-0301-1216
A Comparative Study of Empathy among Transgender and Cisgender	Roshan Lal	Department of Psychology	Indian Journal of Psychological Science	2020 - 2021	9769218

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Psychological Impacts of Human Rights Activism: Enhancing Human Rights Defenders’ Mental Health and Well Being	Dr. Ajay Ranga	University Institute of Legal Studies	Indian Journal of Psychological Science	2020 - 2021	0976 9218
Energy Modalities for Cure of Mind-Body Diseases: An Overview	Bhutani, Smita., Bhutani, P.	Department of Geography	Indian Journal of Psychology	2020 - 2021	ISSN -0019-5553
Optimism and Grit : Empowering for Sports Excellence	Jitendra Mohan	Department of Psychology	Indian Journal of Psychology	2020 - 2021	195553
Resilience : The Hallmark of Adolescent Mental Health	Jitendra Mohan and Medhavi Gugnani	Department of Psychology	Indian Journal of Psychology	2020 - 2021	0019-5553
The Mental Health of Students during COVID-19 Lockdown.	Upasna Joshi	University Institute of Applied Management Sciences	Indian Journal of Psychology, 78-82.	2020 - 2021	ISSN- 0019-5553
Herbal smoke: Next hurricane on horizon.	Archna Agnihotri	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal of public health	2020 - 2021	ISSN:0019557X
The role of policy and legislation in mental health care	Dr. Shipra Gupta	Department of Laws	Indian Journal of Social Psychiatry	2020 - 2021	2454-8316
Edible bamboo resources of Manipur: Consumption pattern of young shoots, processing techniques and their commercial status in the local market	Premlata T., Sharma V., Bisht M.S. and Nirmala C.	Department of Botany	Indian Journal of Traditional Knowledge	2020 - 2021	ISSN: 0975-1068
Evaluation of efficacy of subgingival irrigationin patients with moderate to severe chronic periodontitis otherwise indicated for periodontal flap surgery.	Rajni Jain, Vishakha Grover, Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian society of periodontology	2020 - 2021	0975-1580
China- Pakistan Relationship:a study of nuclear relations in post cold war era	Prof. Emanuel Nahar	University School of Open Learning	Indias Foreign Policy : Continuity and Change under P M Modi	2020 - 2021	ISBN.978-81-950826-3-6
CHILD LABOUR AND CHILD RIGHTS IN INDIA: THE UNCANNY PARADOX	Vibhuti Chauhan	Department of Laws	Indraprastha Technology Law Journal, No. 1 and 2	2020 - 2021	2394-1389
Photocatalytic Reduction and Crystallization Hybrid System for Removal and Recovery of Lead (Pb)	Vivek Kumar, Ravinder K. Wanchoo, and Amrit P. Toor	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Industrial & Engineering Chemistry Research	2020 - 2021	15205045
Appraisal of phytotoxic, cytotoxic and genotoxic potential of essential oil of a medicinal plant Vitex negundo	M Issa, S Chandel, HP Singh, DR Batish, SS Yadav, A Kumari Kohli, R.K.	Department of Environment Studies	Industrial Crops and Products	2020 - 2021	0926-6690
Nanoemulsion of Foeniculum vulgare essential oil: A propitious striver against weeds of Triticum aestivum	Pervinder Kaur, Sonali Gupta, Khushwinder Kaur, Navjyot Kaur, Rajender Kumar, Makhan Singh Bhullar	Department of Chemistry	Industrial Crops and Products	2020 - 2021	0926-6690

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Genetic comparison among various coronavirus strains for the identification of potential vaccine targets of SARS-CoV2	Navpreet Kaur, Rimaljot Singh, Zahid Dar, Rakesh Kumar Bijarnia, Neelima Dhingra, Tanzeer Kaur	University Institute of Pharmaceutical Sciences	Infection, Genetics and Evolution	2020 - 2021	1567-1348
Exploring the therapeutic efficacy of zingerone nanoparticles in treating biofilm-associated pyelonephritis caused by Pseudomonas aeruginosa in the murine model	Sharma, K., Bose, S. K., Chhibber, S., & Harjai, K	Department of Microbiology	Inflammation	2020 - 2021	0360-3997
Cysteinyl leukotriene D4 (LTD4) promotes airway epithelial cell inflammation and remodelling	Prof. Amarjit Singh Naura	Department of Biochemistry	Inflammation Research,	2020 - 2021	ISSN:1573-2576
Neuroprotective effects of roflumilast against quinolinic acid-induced rat model of Huntington's disease through inhibition of NF- κ B mediated neuroinflammatory markers and activation of cAMP/CREB/BDNF signaling pathway?	Saroj P, Bansal Y, Singh R, Akhtar A, SodhiRK, Bishnoi M, Sah SP, Kuhad A.	University Institute of Pharmaceutical Sciences	Inflammopharmacology	2020 - 2021	5434
Multi-Modality Medical Image Fusion Using Cross Bilateral Filter with Fuzzy Logic	Dr.Satish Kumar	P.U. S.S. Giri Regional Centre, Hoshiarpur	INFOCOMP Journal of Computer Science	2020 - 2021	1982-3363
Political views of University students in context of factors impacting elections and voting	Dr. Ramesh Sahani	Department of Anthropology	INFOKARA RESEARCH. 10 (2) :23-31	2020 - 2021	1021-9056
A secure video steganography scheme using DWT based on object tracking	Dalal M., Juneja M.	University Institute of Engineering & Technology	Information Security Journal	2020 - 2021	1939-3555
Near-field Communication (NFC): An Alternative to RFID in Libraries	Neeraj Kumar Singh	A C Joshi Library	Information Technology and Libraries Vol.39 No.2, 2020, p. 513-540	2020 - 2021	2163-5226
Constraint based heuristic approach for task offloading in mobile cloud computing	Raj Kumari	University Institute of Engineering & Technology	information technology in industry	2020 - 2021	2203-1731
Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study	Dr. Kewal Krishan	Department of Anthropology	Injury Prevention 2020 Oct; 26 (Supp 1):i125-i153.	2020 - 2021	1353-8047
The burden of unintentional drowning: global, regional and national estimates of mortality from the Global Burden of Disease 2017 Study	Dr. Kewal Krishan	Department of Anthropology	Injury Prevention, 2020 Oct; ;26(Supp 1):i83-i95	2020 - 2021	1353-8047
Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017	Dr. Kewal Krishan	Department of Anthropology	Injury Prevention, 2020 Oct;26 (Supp 1):i96-i114doi:10.1136/injuryprev-2019-043494, BMJ group.	2020 - 2021	1353-8047

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Judiciary and Media: Complementary or Competitive.	Dr. Simran Kaur	Department of Evening Studies	Innovation the Research Concept	2020 - 2021	2456-5474
SWOT Analysis of Street Vendors (Protection of Livelihood and Regulation of Street Vending) Act 2014	Mr. Vivek Trivedi, Dr. Monica Munjial Singh	Centre for Social Work	Innovation the Research Concept	2020 - 2021	P-ISSN : 2456-5474
Prison reforms in India: Socio Legal Challenges	Jai Mala	University Institute of Legal Studies	Innovation: The Research Concept, Vol5 Issue	2020 - 2021	24565474
Colorimetric and fluorescent multi-ion recognition by Anthracene appended di-Schiff base chemosensor	Navneet Kaur, Baljeet Kaur	Department of Chemistry	Inorganic Chemical Communications	2020 - 2021	1387-7003
Mononuclear Pseudostannatranes Possessing Unsymmetrical [4.4.3.01,5]Tridecane Cage: Experimental And Theoretical Aspects Of Reverse Kocheshkov Reaction In Phenyl Pseudostannatrane	Keshav Kumar, Neha Srivastav, Mayank Khera, Neetu Goel, Raghubir Singh, Varinder Kaur	Department of Chemistry	Inorganic chemistry	2020 - 2021	0020-1669
Characterization and application of biosynthesized iron oxide nanoparticles using Citrus paradisi peel: A Sustainable Approach	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Inorganic Chemistry Communications	2020 - 2021	1387-7003
Synthesis of novel benzothiazole based fluorescent and redox-active organic nanoparticles for their application as selective and sensitive recognition of Fe ³⁺ ions	Navneet Kaur, Randeep Kaur, Ranjeet Kaur, Shweta Rana	Department of Chemistry	Inorganic Chemistry Communications	2020 - 2021	1387-7003
Synthesis, Crystal and DFT studies of Zn/Co complexes of Dehydroacetic acid using ligand exchange approach	Richa, N. Kumar, J. Sindhu, Y. Patil, SK Sharma , B. Pani, SK Mehta, Ramesh Kataria	Department of Chemistry	Inorganic Chemistry Communications	2020 - 2021	1387-7003
Effect of pyridyl donors from organic ligands versus metalloligands on material design	Girijesh Kumar*, G. Kumar and R. Gupta	Department of Chemistry	Inorganic Chemistry Frontiers	2020 - 2021	2052-1545
Organosilanes: Synthesis and modification to magnetic silica nanoparticles for recognition of Hg (II) ions	Gurjaspreet Singh, Mohit, Akshpreet Singh, Diksha, Pinky Satija, Anamika Saini, Pawan, Priyanka,	Department of Chemistry	Inorganic Chimica Acta	2020 - 2021	0020-1693
'Quick CuAAC' Chemistry for Hg(II) and Mn(II) ion sensing via 9H-carbazole derivatives	Alisha Rani, Parveen Saini, Gurjaspreet Singh, Sushma, Harminder Singh, Gurpreet Kaur, Jandeep Singh	Department of Chemistry	Inorganica Chimica Acta	2020 - 2021	0020-1693

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Chalcone appended Organosilanes and their silica nanoparticles based UV–vis and fluorometric probes for Co ²⁺ ions detection	GurjaspreetSingh, Diksha, Mohit, Suman, Sushma, Priyanka, AnitaDevi, Jashan DeepKaur, AnamikaSaini	Department of Chemistry	Inorganica Chimica Acta	2020 - 2021	0020-1693
Colorimetric detection of Fe ³⁺ ions using Schiff base-chalcone functionalized bis(1,2,3-triazolyl-γ-propyltriethoxysilanes)	Gurjaspreet Singh, Sushma, Priyanka, Pawan, Pinky Satija, Shilpy, Gurpreet Kaur, Jandeep Singh,	Department of Chemistry	Inorganica Chimica Acta	2020 - 2021	0020-1693
Dual role of silatranized Schiff base as a fluorimetric probe and a linker to functionalize graphene	Pawanpreet Kaur, Raghubir Singh, Varinder Kaur	Department of Chemistry	Inorganica Chimica Acta	2020 - 2021	0020-1693
Schiff base derived bis-organosilanes: Immobilization on silica nanosphere and Cu ²⁺ and Fe ³⁺ dual ion sensing	Gurjaspreet Singh, Sushma, Akshpreet Singh, Pinky Satija, Shilpy, Mohit, Priyanka, Jandeep Singh,	Department of Chemistry	Inorganica Chimica Acta	2020 - 2021	0020-1693
Synthesis, characterization and UV–visible study of schiff base-acetylene functionalized organosilatrane receptor for the dual detection of Zn ²⁺ and Co ²⁺ ions	Gurjaspreet Singh, Sushma, Priyanka, Suman, Diksha, Jashan Deep Kaur, Anamika Saini, Anita Devi	Department of Chemistry	Inorganica Chimica Acta	2020 - 2021	0020-1693
Schiff base derived bis-organosilanes: Immobilization on silicananosphere and Cu and Fe dual ion sensing	Singh, G., Sushma, Singh A., Satija, P., Shilpy, Mohit, Priyanka, Singh, J. and Khosla, A	Department of Geology	Inorganica Chimica Acta Vol No. 514 (120028)	2020 - 2021	0020-1693
Molecular Characterization of NMDA Receptor from Bemisia tabaci	Dr. S.K. Upadhyay	Department of Botany	Insect Molecular Biology	2020 - 2021	13652583
Do economic inequalities create political conflict? An insight into civil war and delta crisis nigeria	Prof. Sarabjit Kaur	University Institute of Legal Studies	Insight on Africa, Volume 12 Issue 2, July 2020	2020 - 2021	ISSN:0976-3465 0975-0878
A PARADIGM SHIFT IN CONSUMER BEHAVIOR AMIDST COVID-19 PANDEMIC OUTBREAK: A STUDY OF CUSTOMERS' PERSPECTIVE	Dr. Jaswinder Kumar	University Institute of Hotel and Tourism Management	Inspira- Journal of Modern Management & Entrepreneurship (JMME)	2020 - 2021	2231–167X
Passi S, Gupta J, Mehta A, Verma L. Diagnostic Challenge Involving Diffuse Mandibular Swelling in Mixed Dentition: Use of Cone-beam Radiography.	Dr. Jyoti Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Int J Clin Pediatr Dent 2021;14 (3):430-433	2020 - 2021	0974-7052

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Management of periodontal disease in patients with diabetes- good clinical practice guidelines: A joint statement by Indian Society of Periodontology and Research Society for the Study of Diabetes in India	Dr Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Int J Diabetes Dev Ctries	2020 - 2021	ISSN: 0973-3930 (print); 1998-3832 (web)
Role of gender & age in chronic periodontal disease. IP	Dr Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Int J Periodontol Implantol	2020 - 2021	2581-9836
Interplay of Coulomb and symmetry potential in peak fragment production in asymmetric collisions	S. Sharma, R. Kumar, Sakshi Gautam and R. K. Puri	Department of Physics	Int. J. Mod. Phys. E	2020 - 2021	0218-3013
Octupole correlations in 127I	S.Chakraborty, H.P.Sharma, S.S.Tiwary, C.Majumder, A.K.Gupta, A.Kumar, P.Banerjee, A. Kumar et.al.	Department of Physics	Int.J.Mod.Phys. E30, 2150030 (2021)	2020 - 2021	0218-3013
Confronting the potential role of Yoga in the molecular profile of rural high-risk women for Diabetes: a pilot study	Gurmeet Singh	Department of Physical Education	Integrative Medicine Case Reports (IMCR)	2020 - 2021	2582-6255
Beyond Covid-19 Pandemic: Gauging Neoliberal Capitalism and Unipolar World Order	Singh, Paramjit	Department of Economics	International Critical Thought, Vol. 10, No. 4	2020 - 2021	ISSN 21598282
Effect of Mindfulness based Intervention on Meta-ognatives skills of elementary schools students	Shikha Gupta and Dr. Kuldeep Kaur	Department of Education	International Education and Research Journal	2020 - 2021	2454-9916
Sinigrin in combination with artesunate provides protection against lethal murine malaria via falcipain-3 inhibition and immune modulation	Neha Sylvia Walter, Varun Gorki, Monika Chauhan, Neelima Dhingra, Sukhbir Kaur	University Institute of Pharmaceutical Sciences	International Immunopharmacology	2020 - 2021	1567-5769
Effect of Gymnastics Exercises on Reaction Ability of Autistic Children	Dalwinder Singh	Department of Physical Education	International Journal for Innovation Research in Multidisciplinary Field	2020 - 2021	2455-0620
A Comparative Analysis of Flexibility and Body Mass Index between Athletes and Non-Athletes	Thingnam Nandalal Singh	Department of Physical Education	International Journal for Innovative Research in Multidisciplinary Field	2020 - 2021	2455-0620
A Study on Lifestyle and Physical Activity of Government College Male Students of Chandigarh	Thingnam Nandalal Singh	Department of Physical Education	International Journal for Innovative Research in Multidisciplinary Field	2020 - 2021	2455-0620
Attitude towards Doping among Sportspersons of Punjab: A Survey Study	Dalwinder Singh	Department of Physical Education	International Journal for Innovative Research in Multidisciplinary Field	2020 - 2021	2455-0620

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Comparative Analysis of Peak Flow Rate and Body Mass Index between Wushu and Taekwondo Players	Thingnam Nandalal Singh	Department of Physical Education	International Journal for Innovative Research in Multidisciplinary Field	2020 - 2021	2455-0620
Development of Rules and Regulations in Artistic Gymnastics in India	Dalwinder Singh	Department of Physical Education	International Journal for Innovative Research in Multidisciplinary Field	2020 - 2021	2455-0620
Yogic Asanas and Menstrual Attitude: An Experimental on Females with Symptoms of Premenstrual Disorders	Dalwinder Singh	Department of Physical Education	International Journal for Innovative Research in Multidisciplinary Field	2020 - 2021	2455-0620
First record of the genus Hennegoides Lom, Tonguthai and Dykov´a, 1991 from Punjab (India) infecting the catfish, Sperata seenghala (Sykes, 1839)	Kharoon Nissa, Harpreet Kaur	Department of Zoology	International Journal for Parasitology-Parasites and Wildlife	2020 - 2021	2213-2244
Lycopene enriched tomato extract suppresses chemically induced skin tumorigenesis in mice	Koul, Ashwani	Department of Biophysics	International Journal for Vitamin and Nutrition Research	2020 - 2021	ISSN:0300-9831E-ISSN:1664-2821
INFLUENCE OF PSYCHOLOGICAL CAPITAL ON WORK ENGAGEMENT: A STUDY ON COLLEGE LECTURERS	Vandna Maini	Department of Evening Studies	International Journal in Management and Social Science	2020 - 2021	2321-1784
Prevalence of the Vitamin D deficiency and associated risk factors among the adult males and females of Chandigarh.	Dr. Maninder Kaur	Department of Anthropology	International Journal of Advanced Medical and Health Research.7:67-73.	2020 - 2021	2350-0298
Impact of Corona Virus Pandemic on Hospitality Industry with Special Reference to India	Dr. Ajay Ranga	University Institute of Legal Studies	International journal of advanced research	2020 - 2021	2320-5407
Prevalence of School Violence in Government and Private Secondary Schools in Chandigarh	Dr. Anuradha Sharma and Surbhi	Department of Community Education & Disability Studies	International Journal of Advanced Research	2020 - 2021	2320-5407
WORKING FROM HOME: AN ANALYSIS OF EMPLOYEES PERSPECTIVE WITH REFERENCE TO COVID-19 PANDEMIC	Dr. Jaswinder Kumar	University Institute of Hotel and Tourism Management	International Journal of Advanced Research in Commerce, Management & Social Science (IJARCMSS)	2020 - 2021	2581-7930
Food image of Jammu & Kashmir UT – viewpoint of inbound tourists	Arun Singh Thakur	University Institute of Hotel and Tourism Management	International Journal of Advanced Science and Technology	2020 - 2021	20054238
Achievement motivation among secondary school students in relation to their self-efficacy	Kuljeet Kaur & Preety Antil	University School of Open Learning	International Journal of Advanced Scientific Research,	2020 - 2021	ISSN: 2456-0421

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Endolysins as emerging alternative therapeutic agents to counter drug-resistant infections.	Gondil, V. S., Harjai, K., & Chhibber, S. (2020).	Department of Microbiology	International Journal of Antimicrobial Agents	2020 - 2021	1872-7913
Computational and Numerical Investigation of the Batch Markovian Arrival Process Subject to Renewal Generated Geometric Catastrophes	Gagandeep Singh	Department of Mathematics	International Journal of Applied and Computational Mathematics	2020 - 2021	2349-5103
Numerical Algorithm for Solution of the System of Emden–Fowler Type Equations	Gagandeep Singh	Department of Mathematics	International Journal of Applied and Computational Mathematics	2020 - 2021	2199-5796
Comparison of online and offline teaching methodology:	Mrs. Renu Gandhi	Department of Lifelong Learning & Extension	International Journal of Applied Research	2020 - 2021	2394-7500
Green and novel adsorbent from rice straw extracted cellulose forefficient adsorption of Hg (II) ions in an aqueous medium	Vivek Bisla Gaurav Rattan Sonal Singhal Anupama Kaushik	Department of Chemistry	International Journal of Biological Macromolecules	2020 - 2021	0141-8130
SARS-CoV-2: Insights into its structural intricacies and functional aspects for drug and vaccine development	Barnwal, Ravi Pratap,Mandeep Kaur, Akanksha Sharma, Santosh Kumar, Gurpal Singh	Department of Biophysics	International Journal of Biological Macromolecules	2020 - 2021	ISSN:0141-8130E-ISSN:1879-0003
Microbial production and biotechnological applications of α -galactosidase	Bhatia S, Singh A, Batra N and Singh J	Department of Biotechnology	International Journal of Biological Macromolecules.	2020 - 2021	3174-7573
SARS-CoV-2: Insights into its structural intricacies and functional aspects for drug and vaccine development.	Kaur M, Sharma A, Kumar S, Singh G, Barnwal RP.	University Institute of Pharmaceutical Sciences	International journal of biological macromolecules.	2020 - 2021	1234
What encourages the Indian family small and medium enterprise to internationalise?	aparn anand and navdeep kaur	University Business School	International journal of business and globalisation	2020 - 2021	NA
Oral Health Knowledge, Attitude, and Practices among Postgraduate Students of Panjab University, Chandigarh: A Cross-sectional Study	Dr Jyoti Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of clinical Paediatric Dentistry	2020 - 2021	0974-7052
Predicting microbial response to anthropogenic environmental disturbances using artificial neural network and multiple linear regression	S Sharma, R Gupta, R Bhatia, A P Toor, H Setia	University Institute of Engineering & Technology	International Journal of Cognitive Computing in Engineering	2020 - 2021	2666-3074
Predicting microbial response to anthropogenic environmental disturbances using artificial neural network and multiple linear regression.	Sharma, S., Gupta, R., Bhatia, R., Toor, A. P., & Setia, H.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Cognitive Computing in Engineering	2020 - 2021	2666-3074
A Genetic AlgorithmI Based Flow Update Scheduler for Software Defined networks	Mohammad Reza Abbasi, Ajay Guleria, and Mandalika Syamala. Devi,	Department of Computer Science & Applications	International Journal of Communication Systems	2020 - 2021	1099-1131, 1074-5350

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In- silico analysis of peptidoglycan hydrolases from <i>Serratia marcescens</i> and other <i>Serratia</i> species.	Aditi Rathee, Kanika Gupta, Seema Kumari, Sanjay Chhibber, Ashok Kumar.	Department of Microbiology	International Journal of Computational Biology and Drug design	2020 - 2021	1756-0764
Teacher E-learning Readiness scale (TELRS), Development & Validation	Mehra Vandana	Department of Education	International Journal of Creative Research Thoughts	2020 - 2021	2320-2882
The Invisible Phenomenon of Emotional Intelligence in Athletes	Garima Sharma&Dr. Navleen Kaur	Department of Community Education & Disability Studies	International Journal of Creative Research Thoughts	2020 - 2021	2320-2882
Integrated Intrusion Detection Scheme using Agents	Kajal Rai, Ajay Guleria, M. Syamala Devi	Department of Computer Science & Applications	International Journal of Cyber-Security and Digital Forensics (IJCSDF)	2020 - 2021	2305-0011
Quality Learning Experience in Blended Learning through Constructivism.	Dr. Manju Gera	University School of Open Learning	International Journal of Education	2020 - 2021	2347-4343
Low-complexity non-iterative hybrid precoding scheme for millimeter wave massive MIMO systems	Mr.Neeraj Sharma	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Electronics	2020 - 2021	Print ISSN: 0020-7217, Online ISSN: 1362-3060
Development of a Scale to Measure Sports Loafing	Dalwinder Singh	Department of Physical Education	International Journal of Enhanced Research in Educational Development	2020 - 2021	2320-8708
Heterotrophic aerobic denitrification by novel bacterium <i>Georgenia daeguensis</i> ARB2 for treatment of nitrate contaminated waters	A Rajta, H Setia, S Shukla, R Bhatia	University Institute of Engineering & Technology	International Journal of Environmental Science and Technology	2020 - 2021	1735-1472
Studies on Production, Optimization and Machine Learning-Based Prediction of Biosurfactant from <i>Debaryomyces hansenii</i> CBS767.	Anu Priya Minhas	University Institute of Engineering & Technology	International Journal of Environmental Science and Technology	2020 - 2021	17351472
Synthesis and characterization of graphene oxide-bovine serum albumin conjugate membrane for absorptive removal of Cobalt (II) from water.	Shubhi Joshi, Harmandeep Singh, Avneet Saini, Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Environmental Science and Technology	2020 - 2021	1735-2630
Synthesis and characterization of graphene oxide-bovine serum albumin conjugate membrane for adsorptive removal of Cobalt(II) from water	S. Joshi, H. Singh, S. Sharma, P. Barman, A. Saini and G. Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Environmental Science and Technology	2020 - 2021	1735-2630
Multiple dimensions of e-healthcare ethics and its relationship to the ethical concerns of the consumer	Verma, P., Kumar, S. and Sharma, S.K.	University Institute of Applied Management Sciences	International Journal of Ethics and Systems	2020 - 2021	25149369
Multiple dimensions of e-health care ethics and its relationship to the ethical concerns of the consumer pp 70-89	Verma, P., Kumar, S. Sharma, S.K.	University Institute of Applied Management Sciences	International Journal of Ethics and Systems Vol.37(1) (2021)	2020 - 2021	2514-9399

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Systematic descriptions and seasonal variations of mollusc in Chandigarh (U.T., India) and its surrounding freshwater bodies 2	Maansi, Jindal, R. and Meenu W.	Department of Zoology	International Journal of Fisheries and Aquatic Studies	2020 - 2021	2347-5129
Synthesis and characterization of starch nanocellulosic films incorporated with Eucalyptus globulus leaf extract	Ghoshal, G. Singh, D.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Food Microbiology	2020 - 2021	0168-1605 ISSN
e-Healthcare service quality: consumer satisfaction and its association with demographic characteristics	Verma, P., Kumar, S. and Sharma, S.K. , S. and Sharma, S.K.	University Institute of Applied Management Sciences	International Journal of Health Care Quality Assurance	2020 - 2021	0952-6862
e-Healthcare service quality: consumer satisfaction and its association with demographic characteristic pp. 413-428	Verma,P., Kumar, S. Sharma, S.K.	University Institute of Applied Management Sciences	International Journal of Health Care Quality Assurance Vol. 33(6) (2020	2020 - 2021	0952-6862
Critical Review on the Utilization of Robotic-system Point-to-point-based Position Actuators and Laser Sensors with Artificial Intelligence Mediator in an Archetypal Mechatronics Network for Medical Dermatology Applications.	NIDHI GAUTAM	University Institute of Applied Management Sciences	International Journal of Health Sciences	2020 - 2021	2550-6978
Human Rights Issues of Urban Homeless in India: A Syudy of Chandigarh	Namita Gupta	Centre for Human Rights & Duties	International Journal of Human Rights and constitutional Studies	2020 - 2021	2050-103X
A Study of Homophobia in Relation to Personality, Social Desirability, Aggression and Social Dominance among Hetrosexuals	Roshan Lal	Department of Psychology	International Journal of Indian Psychology	2020 - 2021	2349-3429
A Study of Parental Acceptance - Rejection in Relation to Depression and Life Satisfaction among Adolescents	Roshan Lal, Anuradha Bhandari and Amit Kumar	Department of Psychology	International Journal of Indian Psychology	2020 - 2021	2349-3429
A Study of Parental Acceptance and Rejection in Relation to Aggression and Self Esteem among Adolescents	Roshan Lal	Department of Psychology	International Journal of Indian Psychology	2020 - 2021	2349-3429
Life Insurance-Based Recommendation System for Effective Information Computing	Asha Rani, Kavita Taneja, Harmunish Taneja	Department of Computer Science & Applications	International Journal of Information Retrieval Research	2020 - 2021	2155-6385
Research Publications on SARS-CoV-2 (COVID-19): A Study of Publication Trends using the R Package	Prof. Rupak Chakravarty and Diksha	Department of Library & Information Science	International Journal of Information Studies & Libraries	2020 - 2021	2456-1827

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Energy efficient CLB approach to find optimum modulation scheme in wireless rechargeable sensor networks,	Dr Sukhvinder Singh Bamber, Asstt. Prof. (CSE)	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Information Technology	2020 - 2021	2511-2104
Tackling Control Channel Saturation for Load Balancing in Multi-Channel Mobile Ad hoc Networks	Rohit Kumar, Dr. Kavita Taneja, Dr. Harmunish Taneja	Department of Computer Science & Applications	International Journal of Information Technology	2020 - 2021	2511-2112
Effect of Supply Chain Integration on Companies' Competitive Advantage' pp. 174-179	Maninder Singh, S. K. Chadha Sharma S.K	University Institute of Applied Management Sciences	International Journal of Innovative Technology and Exploring Engineering (2020)	2020 - 2021	2278–3075
The role and response of judiciary in prevention of custodial crimes in India: An analysis	virender negi	University Institute of Legal Studies	International Journal of Law	2020 - 2021	ISSN: 2455-2194
The role and response of judiciary in prevention of custodial crimes in India: An analysis.	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Law.	2020 - 2021	ISSN: 2455-2194
LOK ADALAT IN INDIA APERTURE TO SPEEDY JUSTICE	Dr.Vinay Sharma and Dr.Pooja Sood	P.U. S.S. Giri Regional Centre, Hoshiarpur	INTERNATIONAL JOURNAL OF LEGAL AND INNOVATION	2020 - 2021	ISSN: 2581-9453
Lantadenes targeting NF-κB in cancer: molecular docking and ADMET predictions	Monika, Ankesh Sharma, Vaibhav Aggarwal, Manu Sharma and Neelima Dhingra	University Institute of Pharmaceutical Sciences	International Journal of Life science and Pharma Research	2020 - 2021	2250-0480
An Analytical study of salary and Monetary rewards as HR strategies in Hospitality industry of Uttarakhand and its impact on Employee retention: A comparative study of Garhwal & Kumaon region of Uttarakhand.	Dr Neeraj Aggarwal	University Institute of Hotel and Tourism Management	International Journal of Management	2020 - 2021	0976-6502
The impact of career opportunities on employee retention in Hospitality industry: A comparative study of Garhwal & Kumaon region of Uttarakhand.	Dr Neeraj Aggarwal	University Institute of Hotel and Tourism Management	International Journal of Management	2020 - 2021	0976-6502
Determining The Efficacy of ServPerf For Monitoring Quality of Governments' E – Services: With Special Reference To Government's Contact Centers.	Dr.Upasna Joshi	University Institute of Applied Management Sciences	International Journal of Management (IJM), 12(3), 482–489. https://doi.org/10.34218/IJM.12.3.2021.045	2020 - 2021	0976-6502
Desert sparrow optimisation algorithm for permutation flowshop scheduling problems	Manisha Sharma	Department of Mathematics	International journal of mathematics in operational research	2020 - 2021	1757-5850
Desert sparrow optimization algorithm for permutation flow shop scheduling problem.	Manisha Sharma	Department of Mathematics	International Journal of Mathematics in Operational Research,	2020 - 2021	1757-5850.1757-5869

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Elastic waves at the plane interface of swelling porous half-space and viscoelastic half-space with voids	S K Tomar	Department of Mathematics	International Journal of Mechanical Sciences	2020 - 2021	0020-7403
Seasonal dynamics and relative abundance of seven Japanese encephalitis vectors of Culex sitiens group and their association with meteorological factors in various ecological habitats of Chandigarh and its surrounding areas.	Rani.R, Kaur S, Kaur.S and Kaur.S	Department of Zoology	International Journal of Mosquito Research	2020 - 2021	2348-5906
An Assessment of Swachh Bharat Mission In Terms of Infection Control And Disposal of Bio Medical Waste In The Public Hospitals of Haryana	Manmohan Singh	Population Research Centre	International Journal of Multidisciplinary Educational Research	2020 - 2021	2277 – 7881
Pollution level assessment of an urban stream using biotic indices and water quality index in Chandigarh (UT), India.	Maansi, Jindal, R. and Meenu W.	Department of Zoology	International Journal of Multidisciplinary Educational Research	2020 - 2021	2277-7881
Synergistic effect of DNA interfacing on carbon nanotube field effect transistor devices	Richa Rastogi	Centre for Nanoscience and Nanotechnology	International Journal of Nano and Biomaterials	2020 - 2021	1752-8933
Hydrogen sulfide attenuates hyperhomocysteinemia-induced blood-brain barrier permeability by inhibiting MMP-9	Prof. Rajat Sandhir	Department of Biochemistry	International Journal of Neuroscience	2020 - 2021	ISSN:0020-7454E- ISSN:1563-5279
Protein misfolding, ER Stress and Chaperones: An approach to develop chaperone-based therapeutics for Alzheimer’s Disease	Rimaljot Singh, Navpreet Kaur, Neelima Dhingra, Tanzeer Kaur	University Institute of Pharmaceutical Sciences	International Journal of Neuroscience	2020 - 2021	0020-7454
Evolutionary Computation Techniques for Intelligent Computing in Commercial Mobile Adhoc Networks	Kavita Taneja, Harmunish Taneja, Ramanpreet Kaur	Department of Computer Science & Applications	International Journal of Next-Generation Computing	2020 - 2021	0976-5034
Spectral Efficient Asymmetrically Clipped Hybrid FBMC for Visible Light Communication	Sanjeev Kumar, Preeti Singh	University Institute of Engineering & Technology	International Journal of Optics	2020 - 2021	1687-9392
A Fuzzy Approach for Estimating Quality of Aspect Oriented Systems	Kaur P.J., Kaushal S.	University Institute of Engineering & Technology	International Journal of Parallel Programming	2020 - 2021	8857458
Revisiting the role of low dose radiation therapy against covid-19 pneumonia’	Jasmine Sati, Swati Bhat, Vijayta D Chadha	Centre for Nuclear Medicine	International Journal of Pharmaceutical Sciences and Research	2020 - 2021	0975-8232

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Revisiting the role of low dose radiation therapy against covid-19 pneumonia	Jasmine Sati, Swati Bhat, Vijayta D Chadha	Centre for Nuclear Medicine	International Journal of Pharmaceutical Sciences and Research.	2020 - 2021	ISSN (Online): 0975-8232, ISSN (Print): 2320-5148
H. sabdariffa Calyces Ash: Antianxiety and Antidepressant Activity Evaluation and Preparation of its Tablets,	Gulsheen, Ashwani Kumar and Anupam Sharma	University Institute of Pharmaceutical Sciences	International Journal of Pharmacy and Pharmaceutical Sciences, 13(4), 33-38 (2021).	2020 - 2021	2656-0097
sabdariffa calyces ash: antianxiety and antidepressant activity evaluation and preparation of its tablets.	Gulsheen, Ashwani Kumar and Anupam Sharma.H.	University Institute of Pharmaceutical Sciences	International Journal of Pharmacy and Pharmaceutical Sciences. 13(4): 33-38	2020 - 2021	2656-0097
Effectiveness of Active Transportation on Muscular Endurance of School Boys and Girls of Chandigarh.	Thingnam Nandalal Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2020 - 2021	2456-0057
Social Intelligence between Male Athletes and Non-Athletes of Panjab University, Chandigarh	Thingnam Nandalal Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2020 - 2021	2456-0057
Predicting posttraumatic growth among primary caregivers of neonates with hyperbilirubinemia admitted in Neonatal Intensive Care Unit	Manmohan Singh	Population Research Centre	International Journal of Psychological studies	2020 - 2021	1918-7211
Enhancement of learning through collaborative learning techniques	Dr. Ram Mehar and Prabhjeet kaur	University School of Open Learning	International Journal of Psychosocial Rehabilitation	2020 - 2021	ISSN: 1475-7192
Relationship between social media dependence and social connectedness among adolescents	Dr. Supreet Kaur	University School of Open Learning	International Journal of Psychosocial Rehabilitation	2020 - 2021	1475-7192
IMPACT OF JOINING A FAITH BASED ORGANIZATION IN NORTH INDIA ON THE QUALITY OF COMMUNITY LIFE OF ITS FOLLOWERS	Bidhi Lord Singh, Suman Mor, Amarjeet Singh	Centre for Public Health	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS	2020 - 2021	2349-5138
Quantitative Assessment of Forearm Muscle Fatigue with Repetitive Task	Ms Poonam Kumari	University Centre of Instrumentation and Micro-Electronics	International Journal of Research in Applied Science & Engineering Technology (IJRASET), Volume-8, Issue VII, July 2020	2020 - 2021	2321-9653
Mitigating Risk In E-Shopping: A Structural Modeling Approach	Sharma, Sanjeev, and Chopra, Pooja	University Institute of Applied Management Sciences	International Journal of Scientific & Technology Research	2020 - 2021	2277-8616

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ÒSegmenting Tourists with ServiceScape Satisfaction and Predicting recommendation Intention: A study of JKTDCÓviceScape Satisfaction and Predicting recommendation Intention: A study of JKTDCÓ	DR RACHITA Sambyal, Dr Amandeep Singh Marwaha, Dr Anupreet kaur mavi	University Institute of Applied Management Sciences	International Journal of Scientific & Technology Research	2020 - 2021	
Impact of Perceived Job Stress on Work-Home Conflict	Prabhdip Brar,Ph.D.	University Institute of Fashion Technology & Vocational Development	International Journal of Scientific & Technology Research, Vol 9(2)	2020 - 2021	ISSN 22778616
A case of big toe onychomycosis caused by Aspergillus flavus.	Manjula Mehta, Sonia B Bhardwaj, Jyoti Sharma, Harsimran Kaur Boparai	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Scientific Research	2020 - 2021	ISSN No 2277-8179
EFFECT OF AGE ON STYLES OF CLOTHING PREFERRED BY WOMEN IN CHANDIGARH	Dr. Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Social Science and Economic Research	2020 - 2021	2455-8834
USE OF MAKE-UP BY YOUNG GIRLS & WOMEN FOR IMPROVING SELF- PERCEPTION	Dr. Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Social Science and Economic Research	2020 - 2021	2455-8834
Interactive Effects of Zinc-Arbuscular Mycorrhizal (AM) Fungi on Cadmium Uptake, Rubisco, Osmolyte Synthesis and Yield in Cajanus cajan (L.) Millsp.	Kaur, H., & Garg, N.	Department of Botany	International Journal of Sustainable Agricultural Research	2020 - 2021	2312-6477
Effect of Endurance on Gastrocnemius Muscle with Exercise by employing EMG Amplitude Parameters	Poonam Kumari	University Centre of Instrumentation and Micro-Electronics	International Journal of Trend in Scientific Research and Development (IJTSRD) Volume 4, Issue 5, July-August 2020	2020 - 2021	e-ISSN: 2456-6470
Comparatative Study on Implementation Performance Analysis of Simulink Model of Cognitive radio based GFDM & UFMC technique for 5G wireless comm	A.S. Kang	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Wireless Personal Communication, Springer, Netherlands	2020 - 2021	1572-834X
A Comparative Analysis of Emotional Intelligence between Female Athletes and Non-Athletes	Thingnam Nandalal Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2020 - 2021	2456-4419
Analysis of Agility among Male Boxing, Judo and Wrestling Players	Dalwinder Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2020 - 2021	2456-4419

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Comparison of Muscular Endurance and Muscular Power between Football and Hockey Players	Thingnam Nandalal Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2020 - 2021	2456-4419
Trilobites of the middle Wuliuan (Miaolingian) from the Kunzam La (Parahio) Formation of the Sumna River section, Spiti, Himalaya, and its biostratigraphic significance.	Singla, G., Singh, B.P., Bhargava, O.N., Kaur, R., Stopden, S.,	Department of Geology	International Journal Stratigraphic and Geological Correlations	2020 - 2021	8695938
Women -Nature relationship in india :dynamics and dilemmas of dalit women	Prof. Emanuel Nahar	University School of Open Learning	International Referred Peer Reviewed	2020 - 2021	ISSN: 2229-7227
Intecedents of E-Banking Services in the Tri-city, Chandigarh An Empirical Study	Yogita Sarohi	P.U. Rural Centre, Kauni, Muktsar	International Research Journal Management Sociology And Humanities	2020 - 2021	2277-9809(O)2348-9359(P)
Effective technologies and lifestyle changes to reuse and control waste generation from natural and anthropogenic activities for sustainable future	Sinha S. and Singh J.	Department of Biotechnology	International Research Journal of Environmental Sciences	2020 - 2021	2319–1414
Effect of lock down during COVID-19	Mrs. Renu Gandhi	Department of Lifelong Learning & Extension	International Research Journal of Social Sciences	2020 - 2021	2319-3565
Big Data Challenges under Competition Law	Dr Amita Verma and Shivani Sharma	University Institute of Legal Studies	International Research Journal of Socio-Legal Studies, vol 5 issue 1-4	2020 - 2021	issn 2455-0019
The Turbanned Woman: Strong Gender Consonance in Sikhism	Prabhdip Brar Ph.D.	University Institute of Fashion Technology & Vocational Development	International Turkish Journal of Computer and Mathematics Education. Vol.11 No.2 (2020), 764-775 Quality controlled, peer-reviewed	2020 - 2021	ISSN-13094653
Electrochemical discharge machining process, variants and highbridigation: A	Dr. Gaurav Saini	P.U. S.S. Giri Regional Centre, Hoshiarpur	IOP Conference series : Material science and Engineering	2020 - 2021	1757-899X
Electrochemical discharge machining process, variants and highbridigation: A Review	Dr.Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	IOP Conference series : Material science and Engineering	2020 - 2021	1757-899X
Automatic Plant Identification Using Transfer Learning	Sachar, S., & Kumar, Anuj	Department of Computer Science & Applications	IOP Conference Series Materials Science	2020 - 2021	1757-899X
An Efficient Design of Binary to Gray Code Binary Converter using QCA	K S Bhambra, Garima Joshi, Naresh Kumar	University Institute of Engineering & Technology	IOP Conference Series: Materials Science and Engineering	2020 - 2021	1757-899X

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Effect of anisotropy on creep of rotating functionally graded disc with varying thickness	Tania Bose, Neeraj Chamoli, Minto Rattan, Kunjan Gupta	University Institute of Engineering & Technology	IOP Conference Series: Materials Science and Engineering	2020 - 2021	1757-899X
Effect of nanoparticles on natural convection in fluids	Jyoti Sharma	University Institute of Engineering & Technology	IOP Conference Series: Materials Science and Engineering	2020 - 2021	1757-899X
Investigation of Adaptive Beam-forming Algorithms for Smart Antennas System	Simrandeep Kaur, Naresh Kumar, Subhash Dubey	University Institute of Engineering & Technology	IOP Conference Series: Materials Science and Engineering	2020 - 2021	1757-8981
Study of thermal gradation on creep deformation of non-linear varying functionally graded rotating disc	Tania Bose, Kunjan Gupta, Minto Rattan and Neeraj Chamoli	University Institute of Engineering & Technology	IOP Conference Series: Materials Science and Engineering	2020 - 2021	17578981, 1757899X
Formulation of Butt joints of aluminium composite using friction stir welding and study of their mechanical properties	Dr.Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	IOP Conference series:Material Science and Engineering	2020 - 2021	1757-899X
Public Private Partnership for Development of Road Infrastructure with Reference to the State of Punjab	Dr. Navreet (Co-Author)	Department of Public Administration	IPE Journal of Management	2020 - 2021	2249-9040
Stock structure delineation of an endangered mahseer, Tor putitora (Teleostei: Cyprinidae) from two Indian rivers by morphological and meristic attributes	Y.K. Rawal, A. Kaur, P. Rani, and I.S. Sidhu	Department of Zoology	Iranian Journal of Ichthyology	2020 - 2021	P-ISSN: 2383-1561; E-ISSN: 2383-0964
Damage and damping identification in a structure through novel damped updating method.	Sehgal, S., & Kumar, H.	University Institute of Engineering & Technology	Iranian Journal of Science and Technology, Transactions of Civil Engineering	2020 - 2021	2228-6160 / 2364-1843
Analysis of Wrist Pulse Signal: Emotions and Physical Pain	Nidhi Garg, Amod Kumar, Hardeep Singh Ryait	University Institute of Engineering & Technology	IRBM	2020 - 2021	1959-0318
Royal Enfield: Matchless Growth and Dominance	Dr.Jagandeep Singh	University Institute of Applied Management Sciences	Ivey Publishing	2020 - 2021	
Genetic interaction between F-box motif encoding YDR131C and retrograde signaling-related RTG1 regulates the stress response and apoptosis in Saccharomyces cerevisiae	Heena Shoket, Monika Pandita, Meenu Sharma, Ravinder Kumar, Deepak B. Salunke et al.	Department of Chemistry	J Biochem Mol Toxicol	2020 - 2021	e22864
Oral Dysbiosis and the Gut	Sonia B Bhardwaj	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	J Gastrointest Infect	2020 - 2021	ISSN22775862

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Microwave-assisted Groebke-Blackburn-Bienaymé multicomponent reaction to synthesize imidazo fused heterocycles via in-situ generated isocyanides from Nformylamines: An undergraduate organic laboratory experiment	Manpreet Kaur, Rahul Singh, Madhuri T. Patil, Kushvinder Kumar , Deepak B. Salunke et. al.	Department of Chemistry	J Heterocyclic Chem.	2020 - 2021	319-328
Design, synthesis, anti-cancer screening and structure activity relationship studies of biphenyl linked fused imidazoles	Rahul Singha, Mallesh Pandralab, Sanjay V. Malhotrab, Ganesh P. Pawarc, Deepak salunke et al	Department of Chemistry	J. Indian Chem. Soc.	2020 - 2021	1237-1244
TLR2 Agonistic Small Molecules: Detailed Structure–Activity Relationship, Applications, and Future Prospects	Arshpreet Kaur, Deepender Kaushik, Sakshi Piplani, Surinder K. Mehta and Deepak B. Salunke et al.	Department of Chemistry	J. Med. Chem.	2020 - 2021	233-278
Volumetric and acoustic approach for investigating molecularinteractions of choline acetate ionic liquid in α,ω -alkanediols at different temperatures	Avneet Kaur, Navneet Kaur, G R Chaudhary	University Centre of Instrumentation and Micro-Electronics	J. Mol. Liq., 312 (2020) 113330	2020 - 2021	ISSN: 0167-7322
Effect of position of OH in isomeric butanediols on intermolecular interaction with Choline Acetate: A thermodynamic study at different temperatures	Avneet Kaur, Navneet Kaur, G R Chaudhary	University Centre of Instrumentation and Micro-Electronics	J. Mol. Liq., 336 (2021) 116565	2020 - 2021	
Indication of γ -vibration in 123, 125, 127I	Ashok kumar, S.Chakraborty, H.P.Sharma, S.S.Tiwary, P.Banerjee, S.Ganguly, S.Kumar, A.Kumar et al.	Department of Physics	J.Phys.(London) G47, 095104 (2020)	2020 - 2021	0954-3899
A meta-analytic study of stress among school teachers at work place	Dr. Kuljeet Kaur	University School of Open Learning	JAC: A Journal of Composition Theory	2020 - 2021	0731-6755
Supernova neutrino detection in NOvA	Vipin Bhatnagar, Daisy Kalra et al.	Department of Physics	JCAP	2020 - 2021	
Characterization and cytotoxic activity of pigment extracted from Rhodotorula mucilaginosa to assess its potential as bio-functional additive in confectionary products	Rajan Sharma, Gargi Ghoshal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	JFST	2020 - 2021	0022-1155
Search for dark photons in Higgs boson production via vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP 03 (2021) 011	2020 - 2021	1029-8479
Search for new physics in top quark production with additional leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV using effective field theory	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP 03 (2021) 095	2020 - 2021	1029-8479

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Search for nonresonant Higgs boson pair production in final states with two bottom quarks and two photons in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP 03 (2021) 257	2020 - 2021	1029-8479
Measurement of differential cross sections for Z bosons produced in association with charm jets in pp collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP 04 (2021) 109	2020 - 2021	1029-8479
Search for supersymmetry in final states with two oppositely charged same-flavor leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et.	Department of Physics	JHEP 04 (2021) 123	2020 - 2021	1029-8479
Angular analysis of the decay $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s} = 8$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JHEP 04 (2021) 124	2020 - 2021	
Measurement of the Z boson differential production cross section using its invisible decay mode ($Z \rightarrow \nu \bar{\nu}$) in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. a.,	Department of Physics	JHEP 05 (2021) 205	2020 - 2021	1029-8479
J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV	L.kumar, et. al.	Department of Physics	JHEP 09 (2020) 162	2020 - 2021	1029-8479
J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	L.kumar, et. al.	Department of Physics	JHEP 10 (2020) 141	2020 - 2021	1029-8479
The very forward CASTOR calorimeter of the CMS experiment	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JINST 16 (2021) 02, P02010	2020 - 2021	1748-0221
Electron and photon reconstruction and identification with the CMS experiment at the CERN LHC	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	JINST 16 (2021) 05, P05014	2020 - 2021	
Magnesium based implants for functional bone tissue regeneration – A review	Gavish Uppal, Amit thakur, Amit Chauhan, Saroj Bala	University Institute of Engineering & Technology	Jounal of magnesium and alloys	2020 - 2021	2213-9567
Identifiacion of potential molecular biomarkers of COVID-19 and the associated drugs.	Puri, V., Arora, A., Puri, S.	University Institute of Engineering & Technology	journal of advance scientific research	2020 - 2021	9752366
Identification of potential molecular biomarkers of COVID-19 and the associated drugs: A bioinformatics approach	Dr. Veena Puri	Centre for System Biology & Bioinformatics	journal of advance scientific research	2020 - 2021	0976-9595
Optimization of elemental weight % in microwave processed joints of SS304 / SS316 using Taguchi philosophy	Pal, M., Sehgal, S., & Kumar, H	University Institute of Engineering & Technology	Journal of Advanced Manufacturing Systems	2020 - 2021	1793-6896

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Optimization of Elemental Weight % in Microwave-Processed Joints of SS304/SS316 Using Taguchi Philosophy	Pal M., Sehgal S., Kumar H.	University Institute of Engineering & Technology	Journal of Advanced Manufacturing Systems	2020 - 2021	World Scientific
Evaluation of the effect of two different Antioxidants on the bond strength of composite resin to pulp chamber dentin treated with Sodium hypochlorite and EDTA:AN In Vitro Study	Jagat Bhushan, Amrita Rawla	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Advanced Medical and Dental Science Research	2020 - 2021	2321-9599
Conservative Endodontic Management of Extraoral Cutaneous Sinus Tracts- A clinical Dilemma	Rajesh Joshi	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Advanced Medical and Dental Sciences Research	2020 - 2021	2321-9599
Ligninolytic Peroxidases: Sources and Applications	Deepak K Rahi and Aruna Singh Parmar	Department of Microbiology	Journal of Advanced Scientific Research	2020 - 2021	9769595
Biotechnological applications of exopolysaccharide produced by wood rot fungi,	Ekta Chaudhary and Deepak K Rahi	Department of Microbiology	Journal of advanced scientific research	2020 - 2021	0976-9595
Investigating the Relationship between Diabetes and Alzheimer’s Disease.	Dr. Tammanna R.Sahrawat	Centre for System Biology & Bioinformatics	journal of advanced scientific research	2020 - 2021	9769595
Investigation of Polypharmacological Targets of Cholinesterase Inhibitor Drug Donepezil: A Structure Based Systems Biology Approach	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Journal of Advanced Scientific Research	2020 - 2021	9769595
Differential heat sensitivity of two cool-season legumes, chickpea, and lentil, at the reproductive stage, is associated with responses in pollen function, photosynthetic ability, and oxidative damage	Prof. Harsh Nayyar	Department of Botany	Journal of Agronomy and Crop Science	2020 - 2021	ISSN:1439-037X
Division probability for quaternion algebras over fields.	Anjana Khurana	Department of Mathematics	Journal of Algebra and Its Applications	2020 - 2021	1793-6829
Matrices that are integral over the base ring	Anjana Khurana	Department of Mathematics	Journal of Algebra and its Applications	2020 - 2021	0219-4988
A versatile lead iodide particle synthesis and film surface analysis for optoelectronics	Nasir Awol, Chernet Amente, Gaurav Verma and Jung YongKim	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Alloys and Compounds	2020 - 2021	0925-8388
Aggrandized catalytic performance of transition metal doped strontium hexagonal ferrites for the treatment of malevolent organic pollutants	Paramdeep Kaur, S. Singh, Deepeka, V. Babbar, V. Kumar, K.B. Tikoo, Anupama Kaushik, Sonal Singhal	Department of Chemistry	Journal of Alloys and Compounds	2020 - 2021	0925-8388
Unraveling the effect of isotropic strain on the transport properties of half-Heusler alloy LiScGe	Anuradha Saini, Shagun Nag, Ranber Singh, AA Alshaikhi, Ranjan Kumar	Department of Physics	Journal of Alloys and Compounds	2020 - 2021	0925-8388

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Potential replacement to Lead: alkali metal potassium and transition metal zinc in organo-metal halide perovskite materials.	Nazilla Soleimanioun, Mamta Rani, Baljinder Singh, G.S.S.Saini and S.K. Tripathi	Department of Physics	Journal of Alloys and Compounds 861(2020)	2020 - 2021	0925-8388
Characterization of nanostructured nickel cobalt oxide-polyvinyl alcohol composite films for supercapacitor application.	Poonam Siwatch, Kriti Sharma, Nirmal Manyani, Jasmeen Kang, S.K. Tripathi	Department of Physics	Journal of Alloys and Compounds 872 (2021) 159409	2020 - 2021	0925-8388
Badminton match outcome prediction model using Naïve Bayes and Feature Weighting technique	Manoj Sharma, Monika, Naresh Kumar, Pardeep Kumar	University Institute of Engineering & Technology	Journal of Ambient Intelligence and Humanized Computing	2020 - 2021	1868-5137
Improved hepatocellular carcinoma fatality prognosis using ensemble learning approach	Manoj Sharma and Naresh Kumar	University Institute of Engineering & Technology	Journal of Ambient Intelligence and Humanized Computing	2020 - 2021	1868-5145
Trends of Migration studies in Sociocultural Anthropology: A critical Analysis	A.K Sinha	Department of Anthropology	Journal of Anthropological Survey of India	2020 - 2021	ISSN: 2277436X
Developing a Validated HPLC Method for Quantification of Ceftazidime Employing Analytical Quality by Design and Monte Carlo Simulations.	Kaur, R., Saini, S., Patel, A., Sharma, T., Kaur, R., Katare, O.P. and Singh, B.,	University Institute of Pharmaceutical Sciences	Journal of AOAC International, 104(3), 620-632.	2020 - 2021	1060-3271
Polyadic constacyclic codes over a non-chain ring $F_q[u,v]/\langle f(u),g(v),uv-vu \rangle$	Madhu Raka	Department of Mathematics	Journal of Applied Mathematics and Computing	2020 - 2021	1598-5865
Enhanced interlayer coupling and efficient photodetection response of in-situ grown MoS ₂ -WS ₂ van der Waals heterostructures	Sunil K. Arora	Centre for Nanoscience and Nanotechnology	Journal of Applied Physics	2020 - 2021	0021-8979
High power factor due to multi-scale engineering in ultra-thin bismuth telluride films	Sukhdeep Singh and S.K.Tripathi	Department of Physics	Journal of Applied Physics	2020 - 2021	0021-8979
Multifold coupling enabled high quality factor toroidal resonances in metasurfaces	Deepak Kumar, Surya Pranav Ambatipudi, Sabyasachi Banerjee, Ranjan Kumar, Dibakar Roy Chowdhury	Department of Physics	Journal of Applied Physics	2020 - 2021	0021-8979
Study of band alignment at MoS ₂ /SiO ₂ interfaces grown by pulsed laser deposition method	Sunil K. Arora	Centre for Nanoscience and Nanotechnology	Journal of Applied Physics	2020 - 2021	0021-8979
Validation of Harris hip score in the indian population	Vanyambadi J, R.K. Sen, S.K. Tripathy, S. Aggarwal, Suresh Kumar Sharma	Department of Statistics	Journal of Arthroscopy and Joint Surgery	2020 - 2021	22149635
Hepato-protective role of chemo-preventive probiotics during DMH-induced CRC in rats	Dhawan , D.K	Department of Biophysics	Journal of Biochemical and Molecular Toxicology	2020 - 2021	ISSN:1095-6670E- ISSN:1099-0461

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EEG Signal denoising using hybrid approach of Variational Mode Decomposition and wavelets for depression	Chamandeep Kaur, Amandeep Bisht, Preeti Singh, Garima Joshi	University Institute of Engineering & Technology	Journal of Biomedical Signal Processing and Control	2020 - 2021	1687-9392
In silico characterization of mutations circulating in SARS-CoV-2 structural proteins	Barnwal, ravi Pratap	Department of Biophysics	Journal of Biomolecular Structure and Dynamics	2020 - 2021	Print ISSN: 0739-1102 Online ISSN: 1538-0254
Role of Cys-298 in specific recognition of glutathione by aldose reductase	Gurprit Sekhon, Balwinder Singh, Ranvir Singh	Department Cum National Centre for Human Genome Studies & Research	Journal of Biomolecular Structure and Dynamics	2020 - 2021	0739-1102
Statistical analysis of intermolecular interactions in trypsin-inhibitor complexes	Barnwal, ravi pratap	Department of Biophysics	Journal of Biomolecular Structure and Dynamics	2020 - 2021	7391102
Targeting SARS-CoV-2 main protease: structure based virtual screening, in silico ADMET studies and molecular dynamics simulation for identification of potential inhibitors	Prof. Rajat Sandhir	Department of Biochemistry	Journal of Biomolecular Structure and Dynamics	2020 - 2021	ISSN:0739-1102E- ISSN:1538-0254
Thiopeptides encoding biosynthetic gene clusters mined from bacterial genomes	Dr. Dipti Sareen	Department of Biochemistry	Journal of Biosciences	2020 - 2021	ISSN:0250-5991, 1535-3890
Diagnostic potential of differentially regulated microRNAs among endometriosis, endometrioid ovarian and endometrial cancer	Kumari P, Sharma I, Saha SC, Srinivasan R, Minhas P	Department of Zoology	Journal of Cancer Research & Therapeutics (JCRT)	2020 - 2021	Print -0973-1482, Online - 1998-4138
On the Nature of Nucleobase Stacking in RNA: A Comprehensive Survey of Its Structural Variability and a Systematic Classification of Associated Interactions	Ayush Jhunjunwala, Zakir Ali, Sohini Bhattacharya, Antarip Halder, Abhijit Mitra and Purshotam Sh	Department of Chemistry	Journal of Chemical Information and Modeling	2020 - 2021	1549-9596
Studies towards synthesis and Lewis acid catalysed functionalization of 3-(4'-substitutedphenylthio)-azetidin-2-o	Renu Thapar	University Institute of Engineering & Technology	Journal of Chemical Sciences	2020 - 2021	0974-3626 (print); 0973-7103 (web)
Triethylenetetramine complexes of Cobalt (III) having anion binding sites: synthesis, characterisation, crystal structure, anti-bacterial and anti-cancer properties of [Co(trien)(NO ₂) ₂]2Cr ₂ O ₇ and [Co(trien)(NO ₂) ₂]SCN.	M. Chetal, D. Talwar, R. Singh, S. Arora, V. Bhardwaj, S. C. Sahoo, R. Kumar & Rohit Sharma	Department of Microbial Biotechnology	Journal of Chemical Sciences	2020 - 2021	0256-2499
Recent Progress on Energy Harvesters for Biomedical Applications.	Kaur A, Sapra G and Gupta A.	University Institute of Engineering & Technology	Journal of Circuits, Systems and Computers	2020 - 2021	17936454, 02181266
Enzyme cocktail: An opportunity for greener agro-pulp biobleaching in paper industry	Sharma, A., Balda, S., Gupta, N., Capalash, N., Sharma, P.	Department of Biotechnology	Journal of Cleaner Production	2020 - 2021	0959-6526

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Facile synthesis of a Cu-based metal-organic framework from plastic waste and its application as a sensor for acetone.	R Kaur, A. Marwaha, V A. Chhabra, K Kaushal, K-H Kim, S.K. Tripathi	Department of Physics	Journal of Cleaner Production	2020 - 2021	2666-7894
Progressive facial deformity from childhood to adulthood in a patient of Parry-Romberg syndrome	Arun K Garg	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Cleft Lip Palate && Craniofacial Anomalies	2020 - 2021	ISSN: 2348-2125
Dental Practice in the Era of n- COVID 19 Pandemic.	Vandana Chhabra, Poonam Sood	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Clinical and Diagnostic Research	2020 - 2021	Online : ISSN - 0973-709X , Print-2249-782x
Comparison of Intrathecal Clonidine in Bupivacaine, Bupivacaine only with Placebo in Patients Scheduled for Lower Limb Orthopaedic Surgery	Harsimran Kaur	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Clinical Anesthesiology	2020 - 2021	2684-6004
Factors affecting quality of life after pelvic fracture	V Verma, R. K. Sen, S. K. Tripathi, S. Aggarwal and Suresh Kumar Sharma	Department of Statistics	Journal of Clinical Orthopaedics and Trauma	2020 - 2021	09765662, 22133445
The interplay of protective and risk factors linked to autism.	Priya Joon, Anil Kumar and Milind Parle.	University Institute of Pharmaceutical Sciences	Journal of Clinical images and Medical Case Reports.	2020 - 2021	2766-7820
Investigation of Physicochemical and Cytotoxic Potential of Ocimum basilicum Leaf Extract Mediated Magnetite Nanoparticles: In Vitro.	Dhillon, G., Kumar, N., Chitkara, M., Pervaiz, N., Kumar, R., & Sandhu, I. S.	Department of Zoology	Journal of Cluster Science	2020 - 2021	Print ISSN 1040-7278
Tuning the surface using palladium based metallosurfactant for hydrogen evolution reaction	Pradeep Kaushik, Gurpreet Kaur*, Ganga Ram Chaudhary, Uma Batra	Department of Chemistry	Journal of colloid and interface science, 2021, 582, Part B, Pages 894-905	2020 - 2021	0021-9797
Polyadic Cyclic Codes over a Non-Chain Ring	Madhu Raka	Department of Mathematics	Journal of Computer and Communications	2020 - 2021	2327-5219
Classical Theory of Imperialism and Contemporary Capitalism, Journal of Contemporary Asia	Paramjit Singh	Department of Economics	Journal of Contemporary Asia	2020 - 2021	0047-2336
Classical Theory of Imperialism and Contemporary Capitalism	Singh, Paramjit	Department of Economics	Journal of Contemporary Asia.	2020 - 2021	ISSN 00472336
Changes in Mandibular Third Molar Angulation in High-anchorage Extraction vs Non-extraction Orthodontic Treatment: A Prospective Study	Arun K Garg, Deepak K Gupta, Litesh Singla	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Contemporary Dental Practice	2020 - 2021	ISSN: 1526-3711,
An Empirical Study of Customer Satisfaction and Loyalty towards the CRM Practices adopted by different Banks	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	Journal of Contemporary Issues in Business and Government	2020 - 2021	1323-6903

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Covering the COVID-19: A verbal visual analysis of leading newspapers in India	Archana R Singh, Priyanka Ohri, Ishrat Singh	School of Communication Studies	Journal of content, community & Communication	2020 - 2021	23957514
Anthracene possessing amide functionality as a turn-on fluorescent probe for Cu ²⁺ and Zn ²⁺ ions	Navneet Kaur & Baljeet Kaur	Department of Chemistry	Journal of Coordination Chemistry	2020 - 2021	1029-0389
Characteristic Features of Ear and Ear-Prints in Forensic Identification	Rani, Deepika MSc*; Krishan, Kewal PhD, FRAI*; Sahani, Ramesh PhD*; Shrestha, Rijen MD*,†; Kanchan,	Department of Anthropology	Journal of Craniofacial Surgery	2020 - 2021	1049-2275 & 1536-3732
A study of the relationship between internet dependence and academic performance of adolescents	Dr. Supreet Kaur	University School of Open Learning	Journal of Critical Reviews	2020 - 2021	ISSN No. 2394-5125
An assessment of the reality orientation of students seeking career choice interventions: In relation to their personality and aptitudes	Dr. Supreet Kaur	University School of Open Learning	Journal of Critical Reviews	2020 - 2021	ISSN No. 2394-5125
Friction Stir Welding Joints made of AZ31 MG Alloy and its Mechanical Properties	Dr. Abhishek Chauhan and Dr. Gaurav Saini	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Critical Reviews	2020 - 2021	2394-5125
Hybrid Transform Based Robust Watermarking Scheme for Video Objects	NIDHI GAUTAM	University Institute of Applied Management Sciences	Journal of Critical Reviews	2020 - 2021	2394-5125
PARENTAL ATTITUDE TOWARDS GIRLS' EDUCATION AND CASTE-CLASS FACTORS: INSIGHTS FROM PUNJAB VILLAGE	Prof Satvinderpal kaur	Department of Education	Journal of critical reviews	2020 - 2021	2394-5125
An Analytic Study of Employees Perception towards Grievance Redressed System adopted by Banks	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	Journal of Critical Reviews, Vol. 7, no. 10, 2020	2020 - 2021	2394-5125
Preparation of α-Tocopherol based nanoemulsion for efficacious delivery of Methotrexate	Jyoti Rathee, Rohini Kanwar, Laxmi Kumari, Sandip V Pawar, Deepak B Salunke, Surinder Kumar Mehta	Department of Chemistry	Journal of Dispersion Science and Technology	2020 - 2021	0193-2691
Glycolic acid functionalized silver nanoparticles: A novel approach towards generation of effective antibacterial agent against skin infections	Nishima	University Institute of Engineering & Technology	Journal of Drug Delivery Science and Technology	2020 - 2021	ISSN 17732247
Intranasal delivery of polymer-anchored lipid nanoconstructs of artemether-lumefantrine in Plasmodium berghei ANKA murine model.?	Kaur, R., Gorki, V., Singh, G., Kaur, R., Katare, O.P., Nirmalan, N. and Singh, B.	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology	2020 - 2021	1773-2247
Intranasal delivery of polymer-anchored lipid nanoconstructs of artemether-lumefantrine in plasmodium berghei ANKA murine model.	Kaur, R., Gorki, V., Singh, G., Kaur, R., Katare, O.P., Nirmalan, N. and Singh, B.,	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology, 61, 102114.	2020 - 2021	1773-2247

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Lipo-PEG nano-ocular formulation successfully encapsulates hydrophilic fluconazole and traverses corneal and non-corneal path to reach posterior eye segment	Kakkar, S., Singh, M., Karuppayil, S.M., Raut, J.S., Giansanti, F., Papucci, L., Schiavone, N., Nag, T.C., Gao, N., Yu, X.F., Ramzan, M., Kaur, I.P.	University Institute of Pharmaceutical Sciences	Journal of Drug Targeting	2020 - 2021	1233
REDRESSING THE TRAUMA: GENDER, SLAVERY AND SURVIVAL IN AFRICAN LITERATURE	Amandeep	Department of Evening Studies	Journal of East-West Thought	2020 - 2021	ISSN 2161-7236
Morphological and Cytopalynological Characterization of three Species of Tribulus (Zygophyllaceae) From Malwa Region Of Punjab, India	Prof. M.C. Sidhu	Department of Botany	Journal of Economic and Taxonomic Botany Volume 44	2020 - 2021	0250-9768
An Analytical Study of Policies for Promoting Energy Efficiency in India with Reference to Industrial Sector	Dr. Navreet (Co-Author)	Department of Public Administration	Journal of Economic Policy and Research	2020 - 2021	0975-8577
New Libral Policies and Higher Education in India:some reflection for Punjab	Prof Satvinder Pal Kaur	Department of Education	Journal of Education Planning and Administration	2020 - 2021	9713859
Gold-platinum bimetallic nanoparticles coated 3-(aminopropyl)triethoxysilane (APTES) based electrochemical immunosensor for vitamin D estimation	Dr.Nirmal Prabhakar	Department of Biochemistry	Journal of Electroanalytical Chemistry	2020 - 2021	ISSN:1572-6657
Unfolding the electrocatalytic efficacy of highly conducting NiFe2O4-rGO nanocomposites on the road to rapid and sensitive detection of hazardous p-Nitrophenol	Renu, Komal, Ranjeet, Jaspreet, Jyoti, Vinod, K.B.Tikoo, Shweta Rana, Anupama Kaushik, Sonal Singhal	Department of Chemistry	Journal of Electroanalytical Chemistry	2020 - 2021	1572-6657
Gold-platinum bimetallic nanoparticles coated 3 (aminopropyl) triethoxysilane (APTES) based electrochemical immunosensor for vitamin D estimation	Amandeep Kaur, Shivali Kapoor, Anu Bharti, Shilpa Rana, Ganga Ram Chaudhary, Nirmal Prabhakar	University Centre of Instrumentation and Micro-Electronics	Journal of Electroanalytical Chemistry, 873 (2020) 1144002	2020 - 2021	ISSN: 1572-6657
Problem based learning in Education -its need for Sustainable development	Dr.Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Engineering Education Transformation	2020 - 2021	2349-2473
Global stability of natural convection in internally heated inclined fluid layer	Renu Bajaj	Department of Mathematics	Journal of Engineering Mathematics	2020 - 2021	1573-2703
Strategic Entrepreneurship and Performance: An Institutional Perspective on Indian Family Businesses	Suveera Gill	University Business School	Journal of Entrepreneurship in Emerging Economies	2020 - 2021	2053-4604

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Superhydrophobic modification of cellulose sponge fabricated from discarded jute bags for oil water separation	Dheeraj Ahuja, Shiva Dhiman, Gaurav Rattan, Sheetal Monga, Sonal Singhal, Anupama Kaushik	Department of Chemistry	Journal of Environmental Chemical Engineering	2020 - 2021	2213-3437
Seasonal variations in carbonaceous species of PM2. 5 aerosols at an urban location situated in Indo-Gangetic Plain and its relationship with transport pathways, including the potential sources.	Suman Mor	Department of Environment Studies	Journal of Environmental Management, p.114049.	2020 - 2021	0301-4797
Ameliorative potential of Adhatoda vasica against anti-tubercular drugs induced hepatic impairments in female Wistar rats in relation to oxidative stress and xeno-metabolism	Sharma V, Kaur R, Sharma VL	Department of Zoology	Journal of Ethnopharmacology	2020 - 2021	0378-8741 (print); 1872-7573 (web)
Downregulation of inflammatory mediators by ethanolic extract of <i>Bergenia ligulata</i> (Wall.) in oxalate injured renal epithelial cells	Tanzeer Kaur	Department of Biophysics	Journal of ethnopharmacology	2020 - 2021	0378-8741 (Print) 1872-7573 (Electronic) 0378-8741 (Linking)
Ethanol extract of <i>Bergenia ciliata</i> (Haw.) Sternb. (rhizome) impedes the propagation of the malaria parasite	Varun Gorki, Neha Sylvia Walter, Monika Chauhan, Manninder Kaur, Neelima Dhingra, Upma Bagai, Su	University Institute of Pharmaceutical Sciences	Journal of Ethnopharmacology	2020 - 2021	0378-8741
Plant growth-regulating molecules as thermoprotectants: functional relevance and prospects for improving heat tolerance in food crops.	Prof. Harsh Nayyar	Department of Botany	Journal of experimental botany	2020 - 2021	ISSN: 0022-0957
Mineral elements in Bamboo shoots and Potential role in Food Fortification	1. Chongtham, N., Bisht, M. S., Bajwa, H. K., Santosh, O., & Indira, A.	Department of Botany	Journal of Food Composition and Analysis	2020 - 2021	0889-1575
Biodegradable composite films/coatings of modified corn starch/gelatin for shelf life improvement of cucumber	Raj Kumar, Gargi Ghoshal, Meenakshi Goyal.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Food Science & Technology	2020 - 2021	0022-1155
Evaluation of the in vitro and in vivo antioxidant potentials of food grade Phycocyanin	Madhunika Agrawal, Seema Bansal, Kanwaljit Chopra	University Institute of Pharmaceutical Sciences	Journal of Food Science and Technology	2020 - 2021	0975-8402
Quality improvement of bamboo shoots by removal of antinutrients using different processing techniques: A review	2. Chongtham, N., Bisht, M. S., Premlata T, Bajwa, H. K., Sharma V, Santosh, O.	Department of Botany	Journal of Food Science and Technology	2020 - 2021	0022-1155

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Perils of human remains examination in COVID-19 times	Dr. Kewal Krishan	Department of Anthropology	Journal of forensic and Legal Medicine,	2020 - 2021	1752-928x
OBITUARY D.S.N. Raju (1938-2021)	KAPESA LOKHO1,*, N. MALARKODI2, BIRENDRA P. SINGH3, KEZHAKIELIE WHISO4 and O'NEIL	Department of Geology	Journal of Geological Society of India	2020 - 2021	00167622, 09746889
What Motivates Consumers to Write Online Reviews? Qualitative Research in the Indian Cultural Context	Kulwinder Kaur and Tejinderpal Singh	University Business School	Journal of Global Marketing,	2020 - 2021	8911762
Regulatory Framework of Insurable Interest under the Insurance Contracts: A Critical Analysis	Bharat (1st Author)	University Institute of Legal Studies	Journal of Global Research and Analysis Vol. 10(1)	2020 - 2021	2278-6775
Accounting conservatism and corporate governance: evidence from India	Meena Sharma, Rajbir Kaur	University Business School	Journal of Global Responsibility	2020 - 2021	2041- 2568
Governance Reform Initiatives in Punjab: A Review	Dr. Navreet (Co-Author)	Department of Public Administration	Journal of Governance & Public Policy	2020 - 2021	2231-0924
Molecular characterization revealed the role of bread wheat catalases in abiotic and arsenic stress tolerance	Tyagi S, Shumayla, Madhu, K Singh, Upadhyay SK	Department of Biotechnology	Journal of Hazardous material.	2020 - 2021	3043894
Microwave-assisted assembly of Ag2O-ZnO composite nanocones for electrochemical detection of 4-Nitrophenol and assessment of their photocatalytic activity towards degradation of 4-Nitrophenol and Methylene blue dye	Dr. Ramesh K Sharma	University Centre of Instrumentation and Micro-Electronics	Journal of Hazardous Materials	2020 - 2021	not known
Molecular characterization revealed the role of catalases under abiotic and arsenic stress in bread wheat (Triticum aestivum L.)	Dr. S.K. Upadhyay	Department of Botany	Journal of Hazardous Materials	2020 - 2021	3043894
Molecular characterization revealed the role of catalases under abiotic and arsenic stress in bread wheat (Triticum aestivum L.).	Dr. S.K. Upadhyay	Department of Botany	Journal of Hazardous Materials	2020 - 2021	3043894
Nanomaterial-based fluorescent sensors for the detection of lead ions.	Singh, H., Bamrah, A., Bhardwaj, S. K., Deep, A., Khatri, M., Kim, K. H., & Bhardwaj, N.	University Institute of Engineering & Technology	Journal of Hazardous Materials	2020 - 2021	0304-3894
Ethnobotanical, phytochemical and pharmacological aspects of bengal pogostemon (Pogostemon benghalensis)	Dahiya, S., Batish, D.R., Singh, H.P.	Department of Botany	Journal of HerbMed Pharmacology	2020 - 2021	23455004

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Quantitative metabolomics approach reveals dynamics of primary metabolites in „Kinnow“ mandarin (C. nobilis × C. deliciosa) during advanced stages of fruit maturation under contrasting growing climates.	Saini, M.K., Capalash, N., Varghese, E., Kaur, C., Singh, S.P.	Department of Biotechnology	Journal of Horticultural Science and Biotechnology	2020 - 2021	14620316
Regulatory mechanisms underlying florigenesis in Vanilla planifolia Andrews: A study of MADS-box gene family	Dr. Jaspreet Kaur	Department of Botany	Journal of Horticultural Science and Biotechnology	2020 - 2021	ISSN: 0971-5371
Herbal Irrigants in primary teeth: a step toward green dentistry based on wisdom of past	Archna Agnihotri, Rosy Arora, Urvashi Sharma, Poonam Sood	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian Association of Public Health Dentistry	2020 - 2021	ISSN: 2350-0484
XYLANASES FROM WHITE ROT FUNGI AND THEIR INDUSTRIALAPPLICATIONS	Harpreet Kaur, Sonu Rahi, AK Pandey, Deepak K Rahi	Department of Microbiology	Journal of Indian botanical society	2020 - 2021	0019-4468
Status of Open Access LIS Journals: An empirical study of DOAJ	Prof. Rupak Chakravarty and Diksha	Department of Library & Information Science	Journal of Indian Library Association	2020 - 2021	2456-513X
USE OF RFID IN UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY, PANJABUNIVERSITY: A SURVEY REPORT	Monika Sharma	University Institute of Engineering & Technology	Journal of Indian Library Association	2020 - 2021	(P) 2277-5145 (ONLINE) 2456-513X
Association between nonalcoholic fatty liver disease and inflammatory periodontal disease: A case-control study	Dr Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian society of Periodontology	2020 - 2021	ISSN-0972124X
Association between nonalcoholic fatty liver disease and inflammatory periodontal disease: A case-control study"	Dr. Gurparkash Singh Chahal	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian society of Periodontology	2020 - 2021	ISSN-0972124X
Chlorhexidine: An effective anticovid rinse	Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian society of Periodontology	2020 - 2021	ISSN-0972124X
Chlorhexidine: An effective anticovid mouth rinse"	Dr Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian society of Periodontology	2020 - 2021	ISSN-0972124X
Management of periodontal disease in patients with diabetes- good clinical practice guidelines: A joint statement by Indian Society of Periodontology and Research Society for the Study of Diabetes in India	Dr Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian society of Periodontology	2020 - 2021	ISSN-0972124X
Facile and scalable functionalization of carbon nanofibers for oxygen reduction reaction: Role of nitrogen precursor and non-ionic dispersant	Prabhsharan Kaur, Da-Eun Kim, Gaurav Verma, Jin-Soo Park, Satpal Singh Sekhon	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Industrial and Engineering Chemistry	2020 - 2021	1226-086X

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Tissue engineering and its significance in healthcare during COVID-19 pandemic: Potential applications and perspectives	Softa, A., Bahl, S., Bagha, A. K., Sehgal, S., Haleem, A., & Javaid, M	University Institute of Engineering & Technology	Journal of Industrial Integration and Management,	2020 - 2021	ISSN (online): 2424-8630
Aerosol and surface persistence: Novel SARS-CoV-2 versus other coronaviruses	Dr Kewal Krishan	Department of Anthropology	Journal of Infection in Developing Countries	2020 - 2021	1972-2680
Workplace safety concerns in medico-legal death investigations related to COVID-19	Dr. Kewal Krishan	Department of Anthropology	Journal of Infection in Developing Countries	2020 - 2021	1972-2608
Lockdown is an effective 'vaccine' against COVID-19: A message from India,	Dr. Kewal Krishan	Department of Anthropology	Journal of Infection in Developing Countries, 14 (6):545-546,	2020 - 2021	1972-2680
Aerosol and surface persistence: Novel SARS-CoV-2 versus other coronaviruses,	Dr. Kewal Krishan	Department of Anthropology	Journal of Infection in Developing Countries, 14 (7): 748-749.	2020 - 2021	ISSN: 20366590, 19722680
antecedents of organizational commitment in indian banking centre	yogita sarohi	P.U. Rural Centre, Kauni, Muktsar	journal of information and computational science	2020 - 2021	1548-7741
Synthesis of Benzenesulfonamide Derivatives Via Ring Opening of Aziridines In The Presence of Magnetically Retrievable Graphene Based (CoFe@ rGO) Nanohybrid.	Ankush Sheoran, Jaspreet Kaur, Paramdeep Kaur, Jyoti Agarwal, Sonal Singhal	Department of Chemistry	Journal of Inorganic and Organometallic Polymers and Materials	2020 - 2021	1053-0495
Triazole Containing Salicylimine Linked Organosilocane for Recognition of Ce3+ Ions in Aqueous Media	Gurjaspreet Singh, Shilpy, Akshpreet Singh, Diksha, Pinky Satija, Sushma, Mohit · Jashan Deep Kaur	Department of Chemistry	Journal of Inorganic and Organometallic Polymers and Materials	2020 - 2021	
A Study of Organizational Citizenship Behavior and Perceived Organizational Justice of Secondary School teachers of Punjab	DR. KALPANA THAKUR	Institute Of Educational Technology & Vocational Education	Journal of Interdisciplinary Cycle Research	2020 - 2021	0022-1945
Effect of Inquiry-Based learning on Scientific Attitude of VIII Graders with Different Learning Approaches	DR. KALPANA THAKUR	Institute Of Educational Technology & Vocational Education	Journal of Interdisciplinary Cycle Research	2020 - 2021	0022-1945
D-FAC: A novel ϕ -Divergence based distributed DDoS defense system	Krishan Kumar	University Institute of Engineering & Technology	Journal of King Saud University-Computer and Information Sciences	2020 - 2021	22131248
Income Generating Activities Adopted and Constraints Faced by Women Entrepreneurs in Rural Punjab	Dr Rajesh Kumar Chander	Department Cum Centre for Women Studies & Development	Journal of Krishi Vigyan	2020 - 2021	ISSN:2319-6432(Print) ISSN:2349-4433(Online)

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Socio-Cultural Effect of Training and Dairy Extension Services on Milk Producers of Rural Punjab	Dr Rajesh Kumar Chander	Department Cum Centre for Women Studies & Development	Journal of Krishi Vigyan	2020 - 2021	ISSN:2319-6432(PRINT) ISSN: 2349-4433(ONLINE)
Land Grab Practices and a Threat to Livelihood and Food Security in India? A Case Study from Aerocity Expansion Project from SAS Nagar, Punjab.	Dr. A.K. Sinha	Department of Anthropology	Journal of Land and Rural Studies	2020 - 2021	23217464
Working of Library Websites and OPAC: A study of University Libraries of Punjab and Chandigarh	Khushpreet Singh Brar	Department of Library & Information Science	Journal of Library and Information Science	2020 - 2021	0970-714 X
Seeking Consumer Forgiveness : Face management by frontline employees	Jatinderpreet Kaur Bath and Anupam Bawa	University Business School	Journal of Marketing Theory and Practice	2020 - 2021	1069-6679
Optimization and utilization of single chain metallocatanionic vesicles for antibacterial photodynamic therapy (aPDT) against E. coli	Bunty Sharma, Gurpreet Kaur*, Ganga Ram Chaudhary	Department of Chemistry	Journal of Material Chemistry B 2020, 8, 9304-9313	2020 - 2021	2050-7518
Study of linear and non-linear optical responses of MoSe2 –PMMA nanocomposites.	Ravneet Kaur, K. P. Singh, and S. K. Tripathi	Department of Physics	Journal of Material Science: Materials in Electronics (2020) 31:19974–19988	2020 - 2021	0957-4522
CdAgAlloy@polymer dots of Biginelli polyamide for the highly sensitive and selective recognition of nerve agent mimics in an aqueous and vapor phase	Kaur, M., Kaur, N., Singh, N.	Department of Chemistry	Journal of Materials Chemistry C	2020 - 2021	2050-7526
rGO-Bi2MoO6 heterostructure: synthesis, characterization and utilization as a visible light active photocatalyst for the degradation of tetracycline	A. Jaswal, M. Kaur, M. Kaur, S. K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Materials Science: Materials in Electronics	2020 - 2021	1573-482X
Tryptophan conjugated magnetic nanoparticles for targeting tumors overexpressing indoleamine 2, 3 dioxygenase (IDO) and L-type amino acid transporter	Rashi Mathur, Ram Prakash Chauhan, Gurjaspreet Singh , Sweta Singh, Raunak Varshney, Anku	Department of Chemistry	Journal of Materials Science: Materials in Medicine	2020 - 2021	15734838
A GENERALIZATION OF SIZE-BIASED POISSON-SUJATHA DISTRIBUTION AND ITS APPLICATIONS	Dr. Manoj Tiwari with K.K Shukla, Rama Shanker, Leonida, T.E	Department of Statistics	Journal of Mathematical and Computational Science	2020 - 2021	1927-5307
Design of Multi-Epitope Subunit Vaccine for Salivary Proteins of Aedes Aegypti: An Immuno-Informatics Approach.	Dr. Tammanna R.Sahrawat	Centre for System Biology & Bioinformatics	Journal of Medical and Healthcare	2020 - 2021	2706-8404

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Tuberculosis: An Overview of the Immunogenic Response, Disease Progression, and Medicinal Chemistry Efforts in the Last Decade toward the Development of Potential Drugs for Extensively Drug-Resistant Tuberculosis Strains	Singla, Neha	Department of Biophysics	Journal of Medicinal Chemistry	2020 - 2021	ISSN:0022-2623E- ISSN:1520-4804
Tuberculosis: An Overview of the Immunogenic Response, Disease Progression, and Medicinal Chemistry Efforts in the Last Decade toward the Development of Potential Drugs for Extensively Drug-Resistant Tuberculosis Strains.	Akanksha Sharma, Maria De Rosa, Neha Singla, Gurpal Singh, Ravi P. Barnwal, and?Ankur Pandey.	University Institute of Pharmaceutical Sciences	Journal of Medicinal Chemistry	2020 - 2021	1234
New insights into NO adsorption on alkali metal and transition metal doped graphene nanoribbon surface: A DFT approach.	Dr Ramesh K Sharma	University Centre of Instrumentation and Micro-Electronics	Journal of Molecular Graphics and Modelling	2020 - 2021	not known
Conceptual DFT and TDDFT study on electronic structure and reactivity of pure and sulfur doped (CrO3)n (n= 1–10) clusters	Shivangi Garg Navjot Kaur Mann Neetu Goel	Department of Chemistry	Journal of Molecular Graphics and Modelling 99 (2020), 107617	2020 - 2021	1093-3263
Effect of position of OH group in isomeric butanediols on intermolecular interaction with Choline Acetate: A thermodynamic study at different temperatures	Avneet Kaur, Navneet Kaur, Ganga Ram Chaudhary	Department of Chemistry	Journal of Molecular Liquids	2020 - 2021	0167-7322
Evaluation of surfactants as solubilizing medium for levofloxacin	Shweta Sharma	Institute of Forensic Science & Criminology	Journal of Molecular Liquids	2020 - 2021	0167-7322
Investigating the structural and conformational behavior of HEWL in the presence of iron metallosurfactant and sodium oleate metallo-catanionic aggregates	Navpreet Kaur, Gurpreet Kaur*, Ganga Ram Chaudhary, Yashika	Department of Chemistry	Journal of Molecular Liquids	2020 - 2021	0167-7322
Pr@Gd2O3 nanoparticles: An effective fluorescence sensor for herbicide 2,4-dichlorophenoxyacetic acid	Sushil Kumar, Deeksha Mehta, Savita Chaudhary*, G.R. Chaudhary	Department of Chemistry	Journal of Molecular Liquids	2020 - 2021	0167-7322
Protein transduction domain functionalized gold nanoparticles for effective delivery of potent cytotoxic agent in cancer cells	K. Bansal, N. Devi, M. Aqdas, R. K. Sharma, J. N. Agrewala, O.P. Katare, N. Wangoo	Department of Chemistry	Journal of Molecular Liquids	2020 - 2021	0167-7322
Understanding the formation of nanorods on hematite (α-Fe2O3) in the presence of surfactants: A molecular dynamics simulation study	Dr. Gurinder Singh and Dr. Aman Kaura	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Molecular Liquids	2020 - 2021	--

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An investigation of morphological, microscopic dynamics, fluidity, and physicochemical variations in Cu-decorated metallosomes with cholesterol	B. Kaur, Gurpreet Kaur*, G. R. Chaudhary*, V.K. Sharma, H. Srinivasan, S. Mitra, A. Sharma, S. L. Gaw	Department of Chemistry	Journal of Molecular Liquids, 2020, 318, 114034	2020 - 2021	0167-7322
Enhanced antimicrobial photodynamic activity of photosensitizer encapsulated copper based metallocationic vesicles against E. coli using visible light	Gurpreet Kaur*, K. Berwal, B. Sharma, G. R. Chaudhary, S. Gawali, PA hassan	Department of Chemistry	Journal of Molecular Liquids, 324, 2021, 114688	2020 - 2021	0167-7322
Concentration-dependent adsorption of organic contaminants by graphene nanosheets: quantum-mechanical models	Suman Lata and Vikas	Department of Chemistry	Journal of Molecular Modeling, 27, 48 (1-11), 2021	2020 - 2021	1610-2940
Functionalized organosilanes and their magnetic nanoparticles as receptor for Sn (II) ions detection and potent antioxidants	Gurjaspreet Singh, Mohit, Diksha, Suman, Priyanka, K.N. Singh, D. Gonza'lez-Silvera, Cristo'bal Esp	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	
Bis-triazole with indole pendant Organosilicon framework: Probe for recognition of Pb ²⁺ ions	Gurjaspreet Singh, Pinky Satija, Akshpreet Singh, Pawan, Mohit, Jashan Deep Kaur, Anita Devi	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	
Click generated o-cresolphthalein linked 1,2,3-triazole derivative for selective Pb(II) ion recognition	Parveen Saini, Gurjaspreet Singh, Gurpreet Kaur, Jandeep Singh, Harminder Singh	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	0022-2860
Copper(II) Ion Promoted Reverse Solvatochromic Response of the Silatrane Probe to Spectral Shifts: Preferential Solvation and Computational Approach	Gurjaspreet Singh, Pawan, Mohit, Diksha, Suman, Priyanka, Sushma, Anamika Saini, Amarjit Kaur	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	0022-2860
Design and synthesis of 4-aminoantipyrine appended triazole linked bis-organosilane and their silica nanoparticles for selective recognition of Fe ³⁺ ions	Gurjaspreet Singh, Suman, Diksha, Pawan, Mohit, Sushma, Priyanka, Anamika Saini, Pinky Satija	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	0022-2860
Design of new bis-triazolyl structure for identification of inhibitory activity on COVID-19 main protease by molecular docking approach.	Gurjaspreet Singh Pawan Mohit Diksha Suman Priyanka Sushma Anamika Saini Amarjit Kaur	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	0022-2860
Design of pyrene functionalized triazole linked organosilane for specific detection of Ce ³⁺ ions	Gurjaspreet Singh, Shilpy, Akshpreet Singh, Sushma, Mohit, Pinky Satija, Amandeep Saroa	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	

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Design, crystal structures and sustainable synthesis of family of antipyrine derivatives: Abolish to bacterial and parasitic infection	Gurjaspreet Singh, Pinky Satija, Baljinder Singh, Shweta Sinha, Rakesh Sehgal, Subash Chandra	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	0022-2860
Design, crystalstructures and sustainable synthesis of family of antipyrine derivatives: Abolish to bacterial and parasiticinfection,	G. Singh, P. Satija, B. Singh, S. Sinha, R. Sehgal, S.C. Sahoo	Department of Biotechnology	Journal of Molecular Structure	2020 - 2021	0022-2860.
Designing of thiosemicarbazone-triazole linked organotriethoxysilane as UV-Visible and fluorescence sensor for the selective detection of Hg ²⁺ ions and their cytotoxic evaluation	GurjaspreetSingh, Sushma, Priyanka, Diksha, Mohit, Sofia Gupta, Maria Angeles Esteban, Cristóbal	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	0022-2860
Exploration of synthesis, structural aspects, DFT studies and bio-efficacy of some new DHA-benzohydrazide based copper(II) complexes	Richa, S Kumar, J. Sindhu, S.Jaglan, E. Zangrando, R. Kumar, SC Sahoo, V. Kumar, SK Mehta, R Kataria	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	
New pyrimidine based organosilicon compounds as receptor for selective recognition of Cu ²⁺ ions	Gurjaspreet Singh, Sanchita, Akshpreet Singh, Geetika Sharma, Pooja Kalra, Pawan, Jandeep Singh,	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	
Polycyclic aromatic hydrocarbon functionalized organosilocanes based chemosensors: Synthesis, magnetic nanoparticles and biological application	Gurjaspreet Singh, Shilpy, Akshpreeet Singh, Diksha, Pawan, Suman, Crist_obal Espinosa-Ruíz, Mar	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	
Propargyl-functionalized single arm allied Anthracene based Schiff bases: Crystal structure, solvatochromism and selective recognition of Fe ³⁺ ion	Gurjaspreet Singha, Pawan, Akshpreet Singh, Shilpy, Diksha, Suman, Geetika Sharma, Subash Chandra	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	
Pyrazinederived 1, 2, 3-triazole linked silanes and their magnetic nanoparticles for the colorimetric and fluorimetric dual sensing of Cu ²⁺ ions	Gurjaspreet Singh, Suman, Diksha, Sushma, Mohit, Priyanka, JashandeepKaur, AnamikaSaini, AnitaDevi	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	0022-2860
Quinone-based fluorophore: A promising luminescent functional material for effective sensing of serine	Pooja Chauhan, A,K.K. Bhasin, Savita Chaudhary*	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	0022-2860

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Single-crystal-to-single-crystal mediated metal exchange from Zn(II) to Cu(II) and diverse structures in Zn/Cu coordination polymers using pyridylmethionine ligand	Rakesh Kumar, Ranjeet Kaur, Shweta Rana, Ramesh Kataria, Subash Chandra Sahoo	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	228260
Solid-State Thermolysis of 1D and 3D Cd-Coordination Polymers of l -methionine Derived Ligand to CdS Nanospheres: Facile Synthesis, Characterization and Dye degradation Studies	Rakesh Kumar, Raman Kumar, Ramesh Kataria, Subash C. Sahoo, Prasant K. Nanda	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	
Synthesis and characterization of 1D-Co/Zn MOFs having potential for efficient dye adsorption from wastewater	Kirandeep, Sushila, Aashima Sharma, Subhash Chandra Sahoo, G. Kumar, SK Mehta, Ramesh Kataria	Department of Chemistry	Journal of Molecular Structure	2020 - 2021	0022-2860
Synthesis, crystal structure, antibacterial and cytotoxic aspects of Co(III) complex: [Co(bpy)2CO3] (PNP)·4H2O	S. Arora, D. Talwar, M. Chetal, A Yadav, P Kaur, S Goyal, S C. Sahoo, Rohit Sharma	Department of Microbial Biotechnology	Journal of Molecular Structure	2020 - 2021	0022-2860
An insight into non-covalent interactions in the tetraphenylarsonium dithiophosphates: Synthesis, DFT and Hirshfeld Surface Analysis	A. Radha, P. Kumar, T. Firdoos, P. Sood, N. Rani, Vikas, S. K. Pandey	Department of Chemistry	Journal of Molecular Structure,1229, 129729 (1-14), 2021	2020 - 2021	0022-2860
Nebulised surface-active hybrid nanoparticles of voriconazole for pulmonary Aspergillosis demonstrate clathrin-mediated cellular uptake, improved antifungal efficacy and lung retention.	Kaur, R., Dennison, S.R., Burrow, A.J., Rudramurthy, S.M., Swami, R., Gorki, V., Katare, O.P., Kaushik, A., Singh, B. and Singh, K.K.,	University Institute of Pharmaceutical Sciences	Journal of Nanobiotechnology, 19(1), 1-24.	2020 - 2021	457
Proficient Photocatalytic and Sonocatalytic Degradation of Organic Pollutants Using CuO Nanoparticles	Moondeep Chauhan, Navneet Kaur, Pratibha Bansal, Rajeev Kumar, Sesha Srinivasan, Ganga Ram Chaudhary	Department of Chemistry	Journal of Nanomaterials	2020 - 2021	1687-4110
Microwave-Aided Exfoliation and Reduction of Graphene Oxide	Suresh Kumar	University Institute of Engineering & Technology	Journal of Nanoscience and Nanotechnology	2020 - 2021	ISSN 1533-4880
Hydrogen Sulfide Reverses LPS-Induced Behavioral Deficits by Suppressing Microglial Activation and Promoting M2 Polarization	Prof. Rajat Sandhir	Department of Biochemistry	Journal of Neuroimmune Pharmacology	2020 - 2021	ISSN:1557-1904,1557-1890
AMPA induced cognitive impairment in rats: Establishing the role of endoplasmic reticulum stress inhibitor, 4-PBA	Ankita Bharadwaj, Suresh Kumar Sharma, et al.	Department of Statistics	Journal of Neuroscience Research	2020 - 2021	0360-4012

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Can Cheiromancy Predict Mean Survival or Fatality of a Patient with Amyotrophic Lateral Sclerosis?	A. Anannd, S. Prabhakar, K. Thakur and Suresh Kumar Sharma	Department of Statistics	Journal of Neurosciences in Rural Practice	2020 - 2021	09763147, 09763155
Effect of retinal injury induced by laser photocoagulation on visuospatial memory in mouse model.	Mehra P, Bali P, Singh J, Saha PK and Anand A	Department of Biotechnology	Journal of Neurosciences in Rural Practice	2020 - 2021	1865-1739
Abametapir: A novel pediculicide with a unique mechanism	Dr. Suruchi Aditya	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of NTR University of health sciences	2020 - 2021	Print ISSN:2278-1889;online:2277-8632
Fish oil and corn oil induced differential effect on beiging of visceral and subcutaneous white adipose tissue in high-fat-diet-induced obesity	Prof. Navneet Agnihotri	Department of Biochemistry	Journal of Nutritional Biochemistry	2020 - 2021	ISSN :0955-2863
Analysis of 64 channels based IS-OWC system using different interference reduction techniques	Suraj Mahajan, Preeti Gupta, Vijay Kumar	University Institute of Engineering & Technology	Journal of Optical communication (DE-GRUYTER)	2020 - 2021	21916322
Effects of local oscillator on the performance of DP-QPSK WDM system with channel spacing of 37.5 GHz	Sharma, Neeraj, Agrawal, Sunil, Kapoor, Vinod and Budhiraja, Sumit	University Institute of Engineering & Technology	Journal of Optical Communications	2020 - 2021	2191-6322
Selection of suitable wavelengths for the dual-wavelength model of free space optics (FSO) systems for high-speed trains	Abhijot kaur, Neeraj Sharma and Jatinder Singh	University Institute of Engineering & Technology	Journal of Optical Communications	2020 - 2021	2191-6322
Bis-Organosilicon based receptor for detection of Hg 2 + ions: Low detection limit and excellent selectivity	Gurjaspreet Singh, Pinky Satija, Akshpreet Singh, Kavita Chowdhary, Geetika Sharma, Mohit, Shilpy,	Department of Chemistry	Journal of Organometallic Chemistry	2020 - 2021	0022-328X
Designing of chalcone functionalized 1,2,3-triazole allied bis-organosilanes as potent antioxidants and optical sensor for recognition of Sn2+ and Hg2+	Gurjaspreet Singh, Sushma, Akshpreet Singh, Priyanka, Kavita Chowdhary, Jandeep	Department of Chemistry	Journal of Organometallic Chemistry	2020 - 2021	0022328X
Metals as Click catalysts for alkyne-azide cycloaddition reactions: An overview	Pooja Kalra, Rupinder Kaur, Gurleen Singh, Harminder Singh, Gurjaspreet Singh, Pawan, Gurpreet Kaur,	Department of Chemistry	Journal of Organometallic Chemistry	2020 - 2021	0022-328X
Port Infrastructure and Economic Growth: Evidence From Brics Economies	Sunita AND Meena Sharma	University Business School	Journal of Oriental Research Madras	2020 - 2021	NA

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The first occurrence of <i>Deinotherium indicum</i> (Mammalia, Proboscidea, <i>Deinotheriidae</i>) from the late Miocene of Kutch, India.	Ningthoujam Premjit Singh, Advait M. Jukar, Rajeev Patnaik, K. Milankumar Sharma, Nongmaitham Ama	Department of Geology	Journal of Palaeontology	2020 - 2021	0022-3360
Cretaceous mammals of India—Stratigraphic distribution, diversity and intercontinental affinities, Vol. 70, 173-192	Prasad, G.V.R., Verma, O., Sahni, A. and Khosla, A	Department of Geology	Journal of Palaeoscience	2020 - 2021	0031–0174
Dinosaur fossil records from India and their palaeobiogeographic implications: an overview. Vol. No. 70: 193-212	Khosla, A. and Bajpai, S.	Department of Geology	Journal of Palaeosciences	2020 - 2021	0031–0174.
GC–MS screening and antiparasitic action of <i>Putranjiva roxburghii</i> leaves against sensitive and resistant strains of <i>Leishmania donovani</i>	Keshav.P, Goyal D K and Kaur S	Department of Zoology	Journal of Parasitic diseases	2020 - 2021	0975-0703
Phylogenetic analysis of <i>Pallisentis nagpurensis</i> (Acanthocephala: <i>Quadrigyridae</i>) infecting snake head murrel <i>Channa striata</i> in Himachal Pradesh, India	Khushboo Rana, Harpreet Kaur	Department of Zoology	Journal of parasitic diseases	2020 - 2021	Electronic ISSN 0975-0703 Print ISSN 0971-7196
Comparison between the deviations after 1 hour and 24 hours of diagnostic occlusion for basic and divergence excess types of intermittent exotropia	Suresh Kumar sharma and Kanwar Mohan	Department of Statistics	Journal of Pediatric Ophthalmology & Strabismus: JPOS	2020 - 2021	
Long-term Motor and Sensory Outcomes After Unilateral Lateral Rectus Recession-Medial Rectus Resection for Basic Intermittent Exotropia	K. Mohan and Suresh Kumar Sharma	Department of Statistics	Journal of Pediatric Ophthalmology and Strabismus	2020 - 2021	19382405, 01913913
Phytomodulatory effects of <i>Dendrocalamus hamiltonii</i> (Nees & Arn. Ex Munro) shoots on the hepatic status of healthy male Balb/c mice	Nirmala Chongtham	Department of Biophysics	Journal of Pharmacognosy and Phytochemistry 10(1):1860-1865	2020 - 2021	2278-4136
Toll-like receptor-7/8 agonist kill <i>Leishmania amazonensis</i> by acting as pro-oxidant and pro-inflammatory agent	Deepender Kaushik, Juliana T. Granato, Gilson C. Macedo, Paula R. B. Dib, Deepak B. Salunke et al.	Department of Chemistry	Journal of Pharmacy and Pharmacology	2020 - 2021	1180-1190
A novel model for building digital infrastructure for biodiversity studies	Dhindsa, A., Bhatia, S., Agrawal, S., Sohi, B.S.	University Institute of Engineering & Technology	Journal of Physics	2020 - 2021	1742-6588
Mathematical modeling of automotive catalytic converter for catalytic combustion of the volatile organic compound (VOC) methane	Umang Bedi, Sanchita Chauhan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Physics Conference Series	2020 - 2021	1742-6596

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Exceptionally high open circuit thermoelectric figure of merit in two-dimensional tin sulphide	Shagun Nag, Ranber Singh, Ranjan Kumar	Department of Physics	Journal of Physics: Condensed Matter	2020 - 2021	1361-648X
¹ H NMR-Based Metabolic Signatures in the Liver and Brain in a Rat Model of Hepatic Encephalopathy	Barnwal, Ravi Pratap, Prof. Rajat Sandhir	Department of Biophysics	Journal of Proteome Research	2020 - 2021	ISSN:1535-3893E- ISSN:1535-3907
Lifting potent elements modulo nil ideals	Dinesh Khurana	Department of Mathematics	Journal of Pure and Applied Algebra	2020 - 2021	0022-4049
Email Evaluation of ^{99m} Tc-labeled glutathione as a colon cancer targeting probe	Dhawan, D.K.	Department of Biophysics	Journal of Radioanalytical and Nuclear Chemistry	2020 - 2021	ISSN:0236-5731E- ISSN:1588-2780
Evaluation of ^{99m} Tc labeled Glutathione as a colon cancer targeting probe.	Sumeera Sidiq, Ravi Ranjan Kumar, Neelima D Passi, Dhawan DK, Jaya Shukla, Mittal BR, Vijayta D	University Institute of Pharmaceutical Sciences	Journal of Radioanalytical and Nuclear Chemistry	2020 - 2021	0236-5731
Evaluation of ^{99m} Tc-labeled glutathione as a colon cancer targeting probe	Sumeera Sidiq, Ravi Ranjan Kumar, Neelima D. Passi, D. K. Dhawan, Jaya Shukla, B. R. Mittal,	Department of Biophysics	Journal of Radioanalytical and Nuclear Chemistry	2020 - 2021	1588-2780 (Online)
Quantification of multielements for mobilization study in water and sediments of Satluj River and Harike Wetland using Inductively Coupled Plasma Mass Spectrometry and Instrumental Neutron Activation Analysis	Alok Srivastava, V. Chahar, V. Sharma, R. Acharya, Nicy Ajith, K. K. Swain, F. Knolle, et al.	Department of Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2020 - 2021	0236-5731
Investigation on major, minor and trace elements in some medicinal plants using Particle Induced X-ray Emission	Shashank Singh , Mumtaz Oswal, B. R. Behera , Ashok Kumar, S. Santra , R. Acharya	Department of Physics	Journal of Radioanalytical and Nuclear Chemistry (2020) 323:1443–1449	2020 - 2021	0236-5731,1588-2780
Traversing the advantageous role of samarium doped spinel nanoferrites for photocatalytic removal of organic pollutants	Sneha Singh, Paramdeep Kaur, Vinod Kumar, KB Tikoo, Sonal Singhal	Department of Chemistry	Journal of Rare Earths	2020 - 2021	1002-0721
An internet of things assisted drone based approach to reduce rapid spread of COVID-19	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Safety Science and Resilience	2020 - 2021	2666-4496
Isolation and Characterization of Insoluble Dietary Fibres from Kinnow Mandarin (Citrus nobilis + Citrus deliciosa) Peel	Gargi Ghoshal and Sinni Mehta.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Scientific & Industrial Research 79(8), 753-757	2020 - 2021	0022-4456

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Extraction of Insoluble Dietary Fibre from Date (Phoenix dactylifera) and its Characterization	G Ghoshal, P Dhiman	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Scientific and Industrial Research	2020 - 2021	0022-4456
An Efficient Human Identification Through Iris Recognition System	Mamta Garg, Ajatshatru Arora & Savita Gupta	University Institute of Engineering & Technology	Journal of Signal Processing Systems	2020 - 2021	19398115
A Cross-Sectional Study on Life Style Pattern among Youth of Chandigarh	Dr. Gaurav Gaur and Dr. Sukhbir Singh	Centre for Social Work	Journal of Social Work Education, Research and Action (SWERA)	2020 - 2021	ISSN 2394-4102
One-step green synthesis of reduced graphene oxide by electrochemical etching of carbon rods and effect of different bias voltages on the quality.	Navjot Singh, Poonam Siwatch, Jyoti Kaushal, Jadab Sharma and S. K. Tripathi	Department of Physics	Journal of Solid State Chemistry 291(7373):121537 (2020).	2020 - 2021	0022-4596
Active vibration control of ship mounted flexible rotor-shaft-bearing system during seakeeping	Tukesh Soni	University Institute of Engineering & Technology	Journal of Sound and Vibration	2020 - 2021	467(3):115046
Anomalies of tooth number in the age range of 2-5-years in non-syndromic children-a literature review	Urvashi Sharma, Anubha Gulati, Namrata C Gill	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of South Asian Academy of Paediatric Dentistry	2020 - 2021	eISSN: 2582-1024
Nonsyndromic Oligodontia Involving the Maxillary Arch: A Rare Case Report	Urvashi Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of South Asian Academy of Paediatric Dentistry	2020 - 2021	ISSN - Print: 2319-5932, Online: 2350-0484
Body Mass Index and Muscular Power between Penchaksilat and Wushu Players	Thingnam Nandalal Singh	Department of Physical Education	Journal of Sports Science and Nutrition	2020 - 2021	2707-7020
Two new classes of nonparametric tests for scale parameters	M. Goyal and Narinder Kumar	Department of Statistics	Journal of Statistical Computation and Simulation	2020 - 2021	0094-9655
Bayesian vs Semi-Bayesian Estimation for Income Inequality Measures in case of GIWD	Kamaljit Kaur, Sangeeta Arora, Kalpana K Mahajan	Department of Statistics	Journal of Statistics & Management Systems	2020 - 2021	0972-0510
Testing for Multi sample Generalized Lorenz Curves Dominance	Preety Rattan, Sangeeta Arora, Kalpana K. Mahajan	Department of Statistics	Journal of Statistics & Management Systems	2020 - 2021	0972-0510
Social spider foraging-based optimal resource management approach for future cloud	Abrol P., Gupta S.	University Institute of Engineering & Technology	Journal of Supercomputing	2020 - 2021	15730484, 09208542
Data Mining Methods and Techniques for Online Customer Review Analysis	Dr. Nidhi Gautam	University Institute of Applied Management Sciences	Journal of System and Management Sciences Vol. 11 (2021) No. 4, pp. 1-26	2020 - 2021	1818-0523
Global Burden of Cardiovascular Diseases and Risk Factors, 1990–2019: Update From the GBD 2019 Study,	Dr. Kewal Krishan	Department of Anthropology	Journal of the American College of Cardiology 76 (25):2982-3021,	2020 - 2021	0735-1097
PRAJA: A Customary Village Council of the Pangwala of Himachal Pradesh.	Dr. Ramesh Sahani	Department of Anthropology	Journal of the Anthropological Survey of India	2020 - 2021	2277-436X

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Identity Politics, Solidarities and Development in Jaunsar Bawar: A 'Scheduled Tribe Area'	Dr. Ramesh Sahani	Department of Anthropology	Journal of the Anthropological Survey of India. 70(1):139-148	2020 - 2021	2277436XeISSN: 26324369
Who all access private coaching in higher education and how much do they spend? Evidence from India.	Dr Angrej Singh Gill	P.U. Rural Centre, Kauni, Muktsar	Journal of the Asia Pacific Economy	2020 - 2021	
Marketing Strategies in University Libraries of North-Western India in Present Era: A Study of Viewpoints of Post Graduates and Research Scholars	Richa Gupta and Shiv Kumar	Department of Library & Information Science	Journal of the Delhi Library Association	2020 - 2021	0024-2292
Assessment of Arsenic in Groundwater of Southwestern Haryana, India and Chemical Body Burden Caused by its Ingestion.	Suman Mor	Department of Environment Studies	Journal of the Geological Society of India, 96(5), pp.521-525.	2020 - 2021	0974-6889
Bibliometrics and Scientometrics: Evaluating the research.	Dr. Kewal Krishan	Department of Anthropology	Journal of the Indian Academy of Forensic Medicine 2020 Apr-Jun; 42(2): 150-152,	2020 - 2021	0971-0973
Cytotoxic potential of Rheum emodi capped silver nanoparticles and In silico study of human CDK-4/6 proteins with hydroxyanthraquinones	Sharma, D., Kumar, N., Tiwari, S., Mehrotra, T., Pervaiz, N., Kumar, R., & Ledwani, L.	Department of Zoology	Journal of the Indian Chemical Society	2020 - 2021	0019-4522 ISSN
Immediate implant placement in periodontally infected sites- A systematic review and meta analysis	Dr. Gurparkash Singh Chahal	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of the International Academy of Periodontology	2020 - 2021	1466-2094 (Print)
Immediate implant placement in periodontally infected sites- A systematic review and meta-analysis	Dr Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of the International Academy of Periodontology	2020 - 2021	1466-2094 (Print)
Mechanical behaviour of 3D printed vs thermoformed clear dental aligner materials under non-linear compressive loading using FEM	P. Jindal, F. Worcester, F. L. Siena, C. Forbes, M. Juneja, P. Breedon	University Institute of Engineering & Technology	Journal of the Mechanical Behavior of Biomedical Materials	2020 - 2021	1751-6161
Ultrasonication-Assisted Synthesis of a D Glucosamine-Based β CD Inclusion Complex and Its Application as an Aqueous Heterogeneous Organocatalytic System	Dhiraj Rani, Aaftab Sethi, Khushwinder Kour, Jyoti Agarwal	Department of Chemistry	Journal of the Organic Chemistry	2020 - 2021	
A colubrid snake from the late Miocene of Kutch, Gujarat, India.	Ningthoujam Premjit Singh, Nongmaithem Amardas Singh, K Milankumar Sharma, Rajeev Patnaik, Yumlembam	Department of Geology	Journal of the Palaeontological Society of India	2020 - 2021	5529360

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Enameloid Ultrastructures Of Some Chondrichthyan Fishes (Hybodontiformes, Xenacanthiformes From The Late Triassic Of Tiki Formation, Madhya Pradesh; Carcharhiniformes And Myliobatiformes From Miocene Of Kutch And Late Miocene Baripada Beds, Orissa, India): An Interrelationship And Developmental Appr	Nongmaithem Amardas Singh, K. Milankumar Sharma , Yumlembam Priyananda Singh, Ningthoujam Premjit	Department of Geology	Journal of the Palaeontological Society of India	2020 - 2021	0552-9360
NEP 2020: Changing Eduscape in India	Singh, Neeraj Kumar	A C Joshi Library	Journal of the University Institute of legal Studies	2020 - 2021	2229-3906
Plane waves in nonlocal micropolar thermoelastic material with voids	S.K. Tomar	Department of Mathematics	Journal of Thermal Stresses	2020 - 2021	0149-5739
Uniqueness, continuous dependence and reciprocity theorems in thermoelastic relaxed micromorphic continuum	Suman Bala	Department of Mathematics	Journal of Thermal Stresses	2020 - 2021	1521-074X
Government Initiatives for Tourism Development In India: A Review of TTCI Reports	Prashant Gautam	University Institute of Hotel and Tourism Management	Journal of Tourism & Sports Management (JTSM)	2020 - 2021	2642-021X
Alternative Non-Custodial Sentencing Options for the Caregiving Parent	Dr. Shipra Gupta	Department of Laws	Journal of UILS	2020 - 2021	2229-3906
Forced labour and constitutional protection: policies and gaps	Virender Negi	University Institute of Legal Studies	Journal of UILS	2020 - 2021	ISSN 2229-3906
Tax Liability in Bailment Under Goods and Services Tax Regime- An Analysis	Dr. Shipra Gupta	Department of Laws	Journal of UILS	2020 - 2021	2229-3906
Inter country adoption.	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of UILS.	2020 - 2021	ISSN 2229-3906
Post-Mortem Ultrasonography: A safer alternative to autopsies in COVID-19 deaths	Dr. Kewal Krishan	Department of Anthropology	Journal of Ultrasound, Springer Nature,	2020 - 2021	1971-3495
Post-Mortem Ultrasonography: A safer alternative to autopsies in COVID-19 deaths,	Dr. Kewal Krishan	Department of Anthropology	Journal of Ultrasound, Springer Nature,	2020 - 2021	19713495
An Overview of the Specific Relief (Amendmet) Act, 2018	Dr. Neelam Batra	P.U. Regional Centre, Ludhiana	journal of University Institute of Legal Studies	2020 - 2021	2229-3906
Decriminalisation of Homosexuality: Dismantling of Colonial Legacy of Section 377 IPC and its Aftermath in India	2. Dr. Pushpinder Kaur and Arzoo Modi	University Institute of Legal Studies	Journal of University Institute of Legal Studies	2020 - 2021	2229-3906
Dilemma of Unorganized Labor in India and Schemes for their welfare	Rattan Singh	University Institute of Legal Studies	Journal of University Institute of Legal Studies	2020 - 2021	2229-3906
Privatization, school choice and gender inequity: A case of secondary education market in Haryana.	Dr. Angrej Singh Gill	P.U. Rural Centre, Kauni, Muktsar	Journal of University Institute of Legal Studies	2020 - 2021	2229-3906

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Product Liability in Pharmaceutical Industries : An overview of Indian Laws	Prof.Ashish Virk	P.U. Regional Centre, Ludhiana	Journal of University Institute of Legal Studies	2020 - 2021	2229-3906
Relevance of Dr. B.R. Ambedkar's Vision on Women Empowerment and in context of Indian Constitution in 21st Century	Dr. Emanuel Nahar	University School of Open Learning	Journal of University Institute of Legal Studies	2020 - 2021	ISSN 2229-3906
Structural Change and Income inequality : Examining the links in Indian Economy	Suman Makkar	Department of Evening Studies	Journal of University Institute of Legal Studies	2020 - 2021	2229-3906
Protected Consumer under the new consumer protection act, 2019	Prof. Vandana Arora	Department of Laws	Journal of University Institute of Legal Studies Vol 14 Issue -2	2020 - 2021	2229-3906
A Study of English Education of Sportspersons at Selected Universities of Punjab	Chanchal Narang	University Institute of Legal Studies	Journal of University Institute of Legal Studies Vol. XIV, Issue No. I, 2020	2020 - 2021	ISSN: 2229-3906
The Micro- Dynamics between Urdu Literature and Law	Chanchal Narang	University Institute of Legal Studies	Journal of University Institute of Legal Studies Vol. XIV, Issue No. II, 2020	2020 - 2021	ISSN: 2229-3906
Theory of Checks and Balances and Role of Judiciary: An Analysis	Dr. BABITA DEVI	Department of Laws	Journal of University Institute of Legal Studies Vol. XIV, Issue No. II, 2020	2020 - 2021	2229-3906
Climate Change and its Impact on Fruit Crops: A Threat to Food Security	1. Dr. Pushpinder Kaur and Abhimanyu Singh Negi	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Panjab University, Chandigarh	2020 - 2021	2229-3906
Still Dalit, still suppressed: Evanescent untouchability is an elusive dream in 21st century.	Rattan Singh	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Panjab University, Chandigarh	2020 - 2021	ISSN 2229-3906
Victims of Acid Attack: A Study with Special Reference to Punjab	Dr. Pushpinder Kaur, Ravneet Kaur and Prof. Navneet Kaur	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Panjab University, Chandigarh	2020 - 2021	ISSN:2229-3906
Adverse Drug Reaction Reporting System in India: A study	Sukhjeet Singh, Dr.AshishVirk&RajinderKaur	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol XIV, Issue 1 Year 2020	2020 - 2021	2229-3906
Social Media- The Unregulated Master of Indian Elections	Dr Amita Verma and Arpit Bansal	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol XIV, Issue 1 Year 2020	2020 - 2021	issn 2229-3906 vol XIV issue no 1
Jurisdictional Issues in Cyberspace with Respect to Transnational Cybercrimes	Dr Amita Verma and Arpit Bansal	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol XIV, Issue 2 Year 2020	2020 - 2021	issn 2229-3906 vol XIV issue no II

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Fiscal responsibility and Budget Management (FRBM) Act and Public Debt sustainability	Sharma, Smita	Department of Economics	Journal of University Institute of Legal Studies, Vol XIV, issue II	2020 - 2021	2229-3906
Product Liability in Pharmaceutical Industry: An Overview and Analysis	Sukhjeet Singh, Dr.AshishVirk&RajinderKaur	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol XIV, Issue2 Year 2020	2020 - 2021	2229-3906
The State of Industrial Relations in Maharashtra: A Sector - wise Study	Meenu Saihjpal	University Institute of Legal Studies	Journal of university Institute of Legal Studies, Vol. XIV, issue No. 1 (Jan to June) 2020	2020 - 2021	2229-3906
Linguistic Minorities and Marginalisation: The Constitutional Protection	Priyanka Mittal & Shruti Bedi	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol. XIV, No.1, 2020, pp. 72-82	2020 - 2021	2229-3906
Quandary of IP Protection for Artistic Works in India: An Analysis	Karan Jawanda	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol. XV, issue no. I	2020 - 2021	ISSN: 2229-3906
Multinational Corporations: Its Origin and Development	Dr. Dinesh Kumar	Department of Laws	Journal of University Institute of Legal Studies, Vol. XV, No. 1, 2021	2020 - 2021	2229-3906
Right to Privacy and its Judicial Journey in India	Dr. Kamla	University School of Open Learning	Journal of University of Legal Studies	2020 - 2021	ISSN No. 2229-3906
Effect of thermal distortion on performance of hybrid journal bearing	Rajeev Kumar Dang	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of University of Shanghai for Science and Technology	2020 - 2021	10076735
Gait recognition based on vision systems: A systematic survey	Kumar M., Singh N., Kumar R., Goel S., Kumar K.	University Institute of Engineering & Technology	Journal of Visual Communication and Image Representation	2020 - 2021	10473203
Dividend Analysis of Dow Jones Asia Select Dividend 30 Index	Saurabh Gandhi, Sandhir Sharma, Manu Sharma	University Institute of Applied Management Sciences	journal of wealth management	2020 - 2021	1534-7524
Structuring Asset Pricing during Pandemic Times and Market Events	Raj Kumar, Manu Sharma	University Institute of Applied Management Sciences	journal of wealth management	2020 - 2021	1534-7524
Covid-19 and Pregnancy: A scientometric assessment of global publications during 2020-21	Jivesh Bansal	A C Joshi Library	journal of Young Pharmacists Vol 13, No. 3 2021 Suppl: s122-s129	2020 - 2021	0975-1483
Covid-19 and heart diseases: A scientometric assessment of global publications during 2020-21	BM Gupta, M Surulinathi, Jivesh Bansal, Madhu Bansal	A C Joshi Library	Journal of Young Pharmacists Vol 13, No. 3 2021 Suppl: s78-s83	2020 - 2021	0975-1483

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Covid-19 & Aged People: A scientometric analysis of high cited publications	Jivesh Bansal	A C Joshi Library	Journal of Young pharmacists Vol. 13, No.3 2021 pp. s13-s18	2020 - 2021	0975-1483
Subjective Variables of Financial Wellbeing and Individual Economic Behavior: Pre-and Post- Financial Literacy Intervention	Mrs. Rajni Rajan Chauhan	University School of Open Learning	Journal of Contemporary issues in Business and Government	2020 - 2021	ISSN No. 2204-1990 Online :1323-6903
Moving Towards International Virtual Arbitration: A Study	Dr Amita Verma and Smirti Kanwar	University Institute of Legal Studies	Journal On Contemporary Issues of Law, Vol 6 Issue 9 Year 2020	2020 - 2021	issn 2455-4782
Extraction of Insoluble Dietary Fiber from Date (Phoenix dactylifera) and its Characterization	Gargi Ghoshal, Preeti Dhiman.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	JSIR, 79, 7, 586-589	2020 - 2021	0022-4456
Dr. B.R Ambedkar and His Philosophy on health and Nutritional Food Security under the Constitution of India	Prof. Supinder Kaur	Department of Laws	Juni Khyat	2020 - 2021	2278-4632
The analytical Interpretation Of Judicial Activism And Its Interface With Rule Of Law: The Apparent Inevitability In Social Welfare State.	Virender Negi	University Institute of Legal Studies	Juni Khyat	2020 - 2021	ISSN: 2278-4632
HUMAN RIGHTS PROTECTION FOR DE-NOTIFIED, SEMI NOMADIC AND NOMADIC TRIBES OF INDIA	Virender Negi	University Institute of Legal Studies	Kala sarovar	2020 - 2021	ISSN: 0975-4520
HUMAN RIGHTS PROTECTION FOR DE-NOTIFIED, SEMI-NOMADIC AND NOMADIC TRIBES OF INDIA	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Kala sarovar	2020 - 2021	ISSN: 0975-4520 .
Impact of Social media on Adolescent in India: A Real Tragedy of Our Time	Jai Mala	University Institute of Legal Studies	Kala: the Journal of Indian Art History congress, Vol. 26, No. 2(XXV) 2020-2021	2020 - 2021	9757945
Novel ekivai sadi kathor hakikatan di peshakash	Bhupinder Kaur	Department of Evening Studies	Kalakaar Sahitak	2020 - 2021	23481609
Vigocha parvasi jivan diyan talakh hakiktan	Bhupinder Kaur	Department of Evening Studies	Kalakaar Sahitak	2020 - 2021	23481609
Krishna kumar Toor	Dr. Ali Abbas	Department of Urdu	Kaleem-e-Sukhan	2020 - 2021	2348-277X
Secularism, Laïcité and terrorist Violence: Untying the Societal and Legal Knots	Shruti Bedi & Akshit Pathania	University Institute of Legal Studies	Kamkus Law Journal, Vol. 4, 2020, pp. 19-39	2020 - 2021	2582-1156
Which OCR toolset is good and why: A comparative study	Pooja Jain Kavita Taneja, Harmunish Taneja	Department of Computer Science & Applications	Kuwait Journal of Science	2020 - 2021	2307-4116
Variability in human external ear anthropometry-A study from Himachal Pradesh state in North India	Dr Kewal Krishan	Department of Anthropology	La ClinicaTerapeutica,	2020 - 2021	0009-9074
Protein Microgel-Stabilized Pickering Liquid Crystal Emulsions Undergo Analyte-Triggered Configurational Transition	Abhijit Dan, Shikha Aery, Shuning Zhang, Daniel L. Baker, Helen F. Glesson, Anwesha Sarkar	Department of Chemistry	Langmuir	2020 - 2021	0743-7463 (print); 1520-5827 (web)

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Enhancing Embedding Capacity of JPEG Images in Smartphones by Selection of Suitable Cover Image	Watni D., Chawla S.,	Department of Computer Science & Applications	Lecture Notes in Electrical Engineering	2020 - 2021	ISBN 978-981-15-1420.
Improving Weed Detection Using Deep Learning Techniques	Gupta S., Kumar M., Govinda Satyanarayana B., Aribam S., Tiwari S., Kaliyar R.K., Agarwal M., Ahuja	University Institute of Engineering & Technology	Lecture Notes in Networks and Systems	2020 - 2021	23673370
DDoS Defense Mechanisms for SDN Control Plane	Kaur S., Kumar K., Aggarwal N.	University Institute of Engineering & Technology	Lecture Notes on Data Engineering and Communications Technologies	2020 - 2021	23674512
Legal Analysis of Artificial Intelligence in Corporate Board Rooms	Dr. Dinesh Kumar	Department of Laws	Legal Analysis of Artificial Intelligence in Corporate Board Rooms	2020 - 2021	1514-1521
Computed tomographic analysis of medial clavicular epiphyseal fusion for age estimation in Indian population,	Dr Kewal Krishan	Department of Anthropology	Legal Medicine	2020 - 2021	0197-9981
Computed tomographic analysis of medial clavicular epiphyseal fusion for age estimation in Indian population	Dr. Kewal Krishan	Department of Anthropology	Legal Medicine, 46: 101735, Elsevier Science	2020 - 2021	0197-9981
Development of soymeal fortified cookies to combat malnutrition	G Ghoshal, P Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Legume science	2020 - 2021	2639-6181
Quantum cloud computing- a scientometric assessment of global research for the period 1999-2020	Jivesh Bansal	A C Joshi Library	Library Herald	2020 - 2021	0024-2292
Covid-19 and Delirium: A bibliometric assessment of global publications	Jivesh Bansal	A C Joshi Library	Library Herald Vol.51, No. 4 2021 pp.52-66	2020 - 2021	0024-2292
Analytics for measuring library use and satisfaction of mobile apps	Prof. Rupak Chakravarty and Simran Kaur	Department of Library & Information Science	Library Hi Tech News	2020 - 2021	0741-9058
Awareness and attitude towards plagiarism among Post graduate students and research scholars of select social sciences departments of Kurukshetra University and Panjab University, Chandigarh	Neha Garg, Manoj K Joshi, Jivesh Bansal	A C Joshi Library	Library Philosophy & Practice Winter 31-12-2021	2020 - 2021	1522-0222
Libre Open Access in Science Journals: An analytical study of DOAJ	Prof. Rupak Chakravaty,Pooja Kumari, Heenam Gakhar, Atasi Sinhababu, Jyoti Sharma	Department of Library & Information Science	Library Philosophy and Practice	2020 - 2021	1522-0222
Making research data discoverable: An outreach activity of Datacite	Prof. Rupak Chakravarty and Surbhi Arora	Department of Library & Information Science	Library Philosophy and Practice	2020 - 2021	1522-0222

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Preserving Global Research Data: Role and Status of Re3data in RDM	Prof. Rupak Chakravarty and Surbhi Arora	Department of Library & Information Science	Library Philosophy and Practice	2020 - 2021	1522-0222
The pandemic of COVID 19 and Role of Academic Libraries	Navneet Kaur Deol and Khushpreet Singh Brar	Department of Library & Information Science	Library Philosophy and Practice	2020 - 2021	1522-0222
Trends on IoT Research: A Bibliometric and Science mapping analysis of Internet of Things	Prof. Rupak Chakravarty and Nidhi Gupta	Department of Library & Information Science	Library Philosophy and Practice	2020 - 2021	1522-0222
Librarians' Perception Towards Virtual Reference Service (VRS): Innovation and Knowledge Cluster Use Case	Atasi Sinhababu and Shiv Kumar	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2020 - 2021	1522-0222
Library and Information Services of A.C. Joshi Library during COVID – 19 pandemic: A study of faculty satisfaction	Preeti Mahajan and Harpreet Kaur	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2020 - 2021	1522-0222
Strength Weakness Opportunity and Challenge (SWOC) of Collaborative Virtual Reference Service (VRS): A feasibility study in consortia environment	Atasi Sinhababu and Shiv Kumar	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2020 - 2021	1522-0222
Use of Library and Library Resources in University Libraries of Northern India: A Comparative Study between Research Scholars and Faculty Members	Preeti Mahajan & Har Singh	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2020 - 2021	1522-0222
Altered oxidative stress markers in relation to T cells, NK cells & killer immunoglobulin receptors that are associated with disease activity in SLE patients	Prof. Archana Bhatnagar	Department of Biochemistry	Lupus	2020 - 2021	0961-2033 (Print),1477-0962(Web)
Altered redox regulation by Nrf2-Keap1 system in dendritic cells of systemic lupus erythematosus patients	Prof. Archana Bhatnagar	Department of Biochemistry	Lupus	2020 - 2021	ISSN:2158-2440
Effect of basil leaves extract on modified moth bean starch active film for eggplant surface coating	Raj Kumar, Gargi Ghoshal, Meenakshi Goyal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	LWT Food Science and Technology	2020 - 2021	1096-1127 .
Measurement of Joint Angle for Physical Therapy using a Wearable Carbon Nanotube Based Sensor	Jolly N, Gupta G, Sapra G, and Kumar P.	University Institute of Engineering & Technology	Manufacturing Technology Today	2020 - 2021	0972-7396
Royal Enfield	Jagandeep Singh	University Institute of Applied Management Sciences	Matchless Growth and Dominance	2020 - 2021	
Tantalum oxide thin films for electrochemical pH sensor	J K Goswamy	University Institute of Engineering & Technology	Mater. Res. Express	2020 - 2021	20531591
Development and characterization of corn starch film with AgNPs and Plant extract	Raj Kumar, Gargi Ghoshal, Meenakshi Goyal.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Material Science for Energy Technology	2020 - 2021	2589-2991
A time saving ZnO nano-particle fabrication approach for bulk photo catalytic applications	Dr. Anil Kumar	University Centre of Instrumentation and Micro-Electronics	Material Today	2020 - 2021	

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Impact Strength of joints of Aluminium matrix composite formed usingfriction stir welding techniques	Dr.Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	Material Today: Proceeding	2020 - 2021	2214-7853
Design and investigation of the double gate TFET with heterogeneous gate dielectric using different gate materials	Amanpreet Kaur, Charu Madhu, Daljeet Kaur	University Institute of Engineering & Technology	Material Today: Proceedings	2020 - 2021	2214-7853
A Review of Adsorbents for Heavy Metal Decontamination: Growing Approach to Wastewater Treatment	Vishal Sharma	Institute of Forensic Science & Criminology	Materials	2020 - 2021	19961944
Microwave hybrid heating based optimized joining of SS304/SS316	Pal, M., Kumar, V., Sehgal, S., Kumar, H., Kumar Saxena, K., & Kumar Bagha, A	University Institute of Engineering & Technology	Materials and Manufacturing Processes	2020 - 2021	1042-6914 / 1532-2475
Characterizationthe defects and ferromagnetism in metal oxides	S. Garg, S. Gautam, J.P Singh, K Asokan and N Goyal	Department of Physics	Materials Characterization (2021) 111366	2020 - 2021	1044-5803
Amine-functionalized titanium metal-organic framework (NH2-MIL-125 (Ti)): A novel fluorescent sensor for the highly selective sensing of copper ions	M Kaur, SK Mehta, SK Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Chemistry and Physics	2020 - 2021	0254-0584
Azo dye featuring triazole appended organosilicon multifunctionalized sensor: Paradigm for detection of Cu2+and Fe2+ ions	Gurjaspreet Singh, Pinky Satija, Akshpreet Singh, Diksha, Pawan, Suman, Sushma, Mohit, Sajeev Soni	Department of Chemistry	Materials Chemistry and Physics	2020 - 2021	0254-0584
Graphene oxide functionalized organosilane based fluorescent biosensor for detecting guanine in human urine	Gurjaspreet Singh, SanjaySharma, Akshpreet Singh, Diksha, Sushma, Pawan, Suman, Mohit, Priyanka	Department of Chemistry	Materials Chemistry and Physics	2020 - 2021	0254-0584
New energy harvesting using conjugated chalconyl-organosiloxyl framework.	Gurjaspreet Singh, Pinky Satija, Fang-Sian Lin, Pawan, Mohit, Sushma, Priyanka, Jashandeep Kaur	Department of Chemistry	Materials Chemistry and Physics	2020 - 2021	0254-0584
Structural and Magnetic Investigation of Cr3+ substitution on Zn-Co ferro-spinel nanoparticles	B. Kaur, K. Upadhyay, Richa Bhardwaj, K.H. Chae, N Goyal	Department of Physics	Materials Chemistry and Physics (2021) 125109.	2020 - 2021	0254-0584
Comparative study of the effect of Mg, Zn and Ag dopants on properties of titanium dioxide as mesoporous ETL for photovoltaic application.	Sameeksha Sharma, Nazilla Soleimanioun, Ravneet Kaur, Mamta Rani, S.K. Tripathi	Department of Physics	Materials Chemistry and Physics 257 (2021) 123730	2020 - 2021	0254-0584

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Preferential water remediation of cationic dyes using structurally engineered novel organoselenium based self-assembled constructs	Surinder K. Brar, Sanjeev Kumar, Aman K. K. Bhasin, K.K. bhasin and Rohit K. Sharma	Department of Chemistry	Materials Chemistry Frontier	2020 - 2021	2052-1537
Functionalization of spiro[fluorene-9,90-xanthene] with diketopyrrolopyrrole to generate a promising, three-dimensional non-fullerene acceptor	A. K. Hundal, S. Ali, M. Jameel, L. Jones, N. Kaur, R. A. Evans, J.-L. Li, S. J.Langford, A.Gupta	Department of Chemistry	MATERIALS CHEMISTRY FRONTIERS	2020 - 2021	2052-1537
Understanding the self-ordering of amino acids into supramolecular architectures: co-assemblybased modulation of phenylalanine nanofibrils	Prabhjot Singh, Satish K. Pandey, Aarzoo grover, Rohit K. Sharma and Nishima Wangoo	Department of Chemistry	Materials Chemistry Frontiers	2020 - 2021	2052-1537
Understanding the self-ordering of amino acids into supramolecular architectures: co-assembly-based modulation of phenylalanine nanofibrils	Nishima	University Institute of Engineering & Technology	Materials Chemistry Frontiers	2020 - 2021	ISSN: 20521537
Perspective and prospects of 2D MXenes for smart biosensing	Anjali Khunger, Navneet Kaur, Yogendra K Mishra, Ganga Ram Chaudhary, Ajeet Kaushik	Department of Chemistry	Materials Letters	2020 - 2021	0167-577X
Sustainable synthesis of carbon dots from agarose waste and prospective application in sensing of L-aspartic acid	Pooja Chauhan, Jasmine Saini, Savita Chaudhary*, K.K. Bhasin	Department of Chemistry	Materials Research Bulletin	2020 - 2021	0025-5408
Predicting the effect of fiber orientations and boundary conditions on the optimal placement of PZT sensor on the composite structures	Samyal, R., Bagha, A. K., Bedi, R., Bahl, S., Saxena, K. K., & Sehgal, S	University Institute of Engineering & Technology	Materials Research Express	2020 - 2021	2053-1591
Performance of Type-4 direct driven PMSG based wind energy conversion system under nonlinear load demand	Surinder Singh, Deepak Kumar	University Institute of Engineering & Technology	Materials Science and Engineering	2020 - 2021	0927796X
Development and characterization of corn starch based nanocomposite film with AgNPs and plant extract	G Ghoshal,R Kumar, M Goyal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Science for Energy Technologies	2020 - 2021	2589-2991
Density functional theory study of carbon monoxide adsorption on transition metal doped armchair graphene nanoribbon	Dr. Ramesh K Sharma	University Centre of Instrumentation and Micro-Electronics	Materials Today	2020 - 2021	not known
Equilibrium data , kinetics and process design for the adsorptive removal of safranin-o by activated carbons,	M.Mangla,V. Sharma,M.Goyal,G.R. Chaudhary,M.L.Sharma,	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Today :Proceedings	2020 - 2021	2214-7853
Immobilization of laccase on chitosan-clay composite beads to improve its catalytic efficiency to degrade industrial dyes	Prof. Sukesh Chander Sharma	Department of Biochemistry	Materials Today Communications	2020 - 2021	ISSN:2352-4928

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COMPARISON OF ANTIBACTERIAL EFFICACY OF TEATREE OIL, NISIN AND CALCIUM HYDROXIDE AGAINST E. FACEALIS	Rajesh Joshi, Sonia Bhardwaj, Jagat Bhushan	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	MATERIALS TODAY PROCEEDINGS	2020 - 2021	2214-7853
Design and fabrication of prosthetic glove for hand rehabilitation.	Sareen A, Singh A, Sinha A, Arya A, Arya A, Sapra G, Kumar R, Kumar P and Singh D.	University Institute of Engineering & Technology	Materials Today Proceedings	2020 - 2021	NA
Design and implementation of flyback converter as high voltage power supply for nanofibers production.	Prakash V, Kumar P, Sharma P and Sapra G.	University Institute of Engineering & Technology	Materials Today Proceedings	2020 - 2021	2214-7853
Performance analysis of graphene based operational amplifier with conventional amplifier for future communications	Sharma P and Sapra G.	University Institute of Engineering & Technology	Materials Today Proceedings	2020 - 2021	2214-7853 ISSN
Recovery of silica nanoparticles from waste PV modules.	Sapra G, Chaudhary V, Kumar P, Sharma P and Saini A.	University Institute of Engineering & Technology	Materials Today Proceedings	2020 - 2021	2214-7853
An overview of the controllable process parameters in mechanical characterization of developed hybrid metal matrix composites and their optimization for advanced engineering applications	Amandeep Singh Wadhwa	University Institute of Engineering & Technology	Materials today Proceedings	2020 - 2021	Vol. 28,part 3,pp. 1295-1301,Materials today Proceedings
Enhancing the efficiency of Iterative Filtering Algorithm and sensors material analysis	Supriya,Charu Madhu,ArshdeepSingh,NidhiGarg	University Institute of Engineering & Technology	Materials Today: Proceodings	2020 - 2021	2214-7853
3D printing of engineering materials: A state of the art review	Singh, T., Kumar, S., & Sehgal, S	University Institute of Engineering & Technology	Materials Today: Proceedings	2020 - 2021	2214-7853
A time saving ZnO nanoparticle fabrication approach for bulk photocatalytic applications	Dr Ramesh K Sharma	University Centre of Instrumentation and Micro-Electronics	Materials Today: Proceedings	2020 - 2021	not known
Biodegradation of plastics: A state of the art review	Bahl, S., Dolma, J., Jyot Singh, J., & Sehgal, S	University Institute of Engineering & Technology	Materials Today: Proceedings	2020 - 2021	2214-7853.
Biogenic Synthesis of Carbon-Based Micro Composites from Mushroom (Asparagus Disporus)	Avneet Saini	Department of Biophysics	Materials today: Proceedings	2020 - 2021	2214-7853
Carbon-dioxide gas sensor using co-doped graphene nanoribbon: A first principle DFT study	Dr Ramesh K Sharma	University Centre of Instrumentation and Micro-Electronics	Materials Today: Proceedings	2020 - 2021	not known
Effect of conventional method and Microwave Assisted Extraction on Phytoconstituents of Chenopodium album	Neeraj Choudhary, Mary Chatterjee, Santosh Kumar, Gurpal Singh and Ashish Suttee	Department of Biotechnology	Materials Today: Proceedings	2020 - 2021	5362-53367

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Engineering the electronic structure and transport coefficients of Janus MoSSe monolayer by applying z-axial strain	Gurpal Singh Khosa, Ranjan Kumar, Shuchi Gupta	Department of Physics	Materials Today: Proceedings	2020 - 2021	2214-7853
Equilibrium data, kinetics and process design for the adsorptive removal of safranin-o by activated carbons	Monica Mangla, Vikas Sharma, Meenakshi Goyal, G. R. Chaudhary, Madan L. Sharma	Department of Chemistry	Materials Today: Proceedings	2020 - 2021	2214-7853
Joining of duplex stainless steel through selective microwave hybrid heating technique without using filler material.	Kumar, V., & Sehgal, S.	University Institute of Engineering & Technology	Materials Today: Proceedings	2020 - 2021	2214-7853.
Joining of SS304-SS316 through novel microwave hybrid heating technique without filler material	Kumar, A., Sehgal, S., Singh, S., & Bagha, A. K	University Institute of Engineering & Technology	Materials Today: Proceedings	2020 - 2021	2214-7853.
Material characterization techniques in engineering applications A. review	Panwar, A. S., Singh, A., & Sehgal, S	University Institute of Engineering & Technology	Materials Today: Proceedings	2020 - 2021	ISSN: 2214-7853
Natural prokaryotic antimicrobial peptide coated titanium discs prevent Staphylococcus aureus growth and biofilm formation – Implications on peri-implant infections	Dr Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Materials Today: Proceedings	2020 - 2021	22147853
Plant leaf disease classification using deep Convolutional neural network with Bayesian learning	Sachdeva, Guneet, Preeti Singh, and Pardeep Kaur	University Institute of Engineering & Technology	Materials Today: Proceedings	2020 - 2021	
Preparation and Characterizations Graft Copolymer of Poly(acrylamide-aniline)-Grafted Gum Ghatti	Vishal Sharma	Institute of Forensic Science & Criminology	Materials Today: Proceedings	2020 - 2021	2214-7853
Smart materials types, properties and applications: A review	Bahl, S., Nagar, H., Singh, I., & Sehgal, S	University Institute of Engineering & Technology	Materials Today: Proceedings	2020 - 2021	2214-7853.
Synthetic short peptides (SSPs) as antibiofilm agents for dental material applications	Dr Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Materials Today: Proceedings	2020 - 2021	22147853
First principle calculations of GeTe and Ge ₂ TeSe monolayers: Structural, electronic and thermoelectric properties.	Janpreet Sidhu, Gurinder Singh and S. K. Tripathi	Department of Physics	Materials Today: Proceedings 45(10) (2021).	2020 - 2021	2214-7853
Investigations on material characterization of joints produced using microwave hybrid heating	Kumar, S., Sehgal, S., Singh, S., & Bagha, A. K	University Institute of Engineering & Technology	Materials Today: Proceedings,	2020 - 2021	2214-7853.
Thermal performance of buildings with light colored exterior materials	Mr.Ravinder K Paul	P.U. S.S. Giri Regional Centre, Hoshiarpur	Materials Today:Proceedings	2020 - 2021	2214-7853
Effect of conventional method and microwave assisted extraction on phytoconstituents of Chenopodium album.	Choudhary N, Chatterjee M, Kumar S, Singh G, Suttee A.	University Institute of Pharmaceutical Sciences	Materials Today:Proceedings.	2020 - 2021	1234

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Plane harmonic waves in a thermoelastic solid with double porosity	Dilbag Singh	Department of Mathematics	Mathematics and Mechanics of Solids	2020 - 2021	1081-2865
Some Glimpses into noncommutative Ring Theory	Dinesh Khurana	Department of Mathematics	Mathematics Student	2020 - 2021	0025-5742
On integral basis of pure number fields	S. K. Khanduja	Department of Mathematics	Mathematika	2020 - 2021	0025-5793
Low Voting Turnout: A Challenge for Parliamentary Democracy in India	Bharat (1st author)	University Institute of Legal Studies	MCM College	2020 - 2021	2277-5218
Mechanics of delamination-free drilling in polymer matrix composite laminates: A review Institution of Mechanical Engineers	Anurag Thakur, Amrinder Pal Singh, Manu Sharma	University Institute of Engineering & Technology	Mechanical Engineering Science	2020 - 2021	2041-2983
Surface waves in layered thermoelastic medium with double porosity structure: Rayleigh and Stoneley waves	Dilbag Singh	Department of Mathematics	Mechanics of Advanced Materials and Structures	2020 - 2021	1537-6494
Ultrasonographic evaluation of wrist and elbow joints- A pilot study to explore a non-invasive technique for age estimation	Dr. Kewal Krishan	Department of Anthropology	Medicine Science and the Law-The journal of British Academy of Forensic Science	2020 - 2021	0025-8024
Facial Recognition Algorithms - A literature review,	Dr. Kewal Krishan	Department of Anthropology	Medicine Science and the Law-The journal of British Academy of Forensic Science, 60(2):131-139, Sage Publications.	2020 - 2021	0025-8024
Dignity and rights of the dead and their families: A compromise in the time of coronavirus disease 2019,	Dr. Kewal Krishan	Department of Anthropology	Medicine Science and the Law-The journal of British Academy of Forensic Science, 61 (1):58-60,	2020 - 2021	0025-8024
Sex estimation from femur in a Central Indian population by discriminant function analysis,Medicine Science and the Law	Dr. Kewal Krishan	Department of Anthropology	Medicine Science and the Law-The journal of British Academy of Forensic Science, Sage Publications, 60(2):112-121,	2020 - 2021	0025-8024
Forensic age estimation using conventional radiography of the medial clavicular epiphysis- A systematic review	Dr. Kewal Krishan	Department of Anthropology	Medicine Science and the Law-The Journal of British Academy of Forensic Science, Sage Publications.	2020 - 2021	0025-8024
Mitigating the Impact of COVID-19 Through Technological Interventions is India Legally Equipped: Aarogya App Case Study	SukhpreetKaur, Seerat Gill, NamitaBhardwaj, &RajinderKaur	University Institute of Legal Studies	Medico Legal Update, 21(2),pp. 1146–1150	2020 - 2021	0971-720X
The advantage of virtopsy during the COVID-19	Dr. Kewal Krishan	Department of Anthropology	Medico-Legal Journal,	2020 - 2021	0025-8172

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The Dark Rock of Indian History: Neglected EX-Untouchables	Amandeep	Department of Evening Studies	MEJO	2020 - 2021	ISSN 2581-5768.
A. Exploring nordihydroguaretic acid (NDGA) as a plausible neurotherapeutic in the experimental paradigm of autism spectrum disorders targeting nitric oxide pathway.	Mehta, R., Bhandari, R. &&&&Kuhad	University Institute of Pharmaceutical Sciences	Metab Brain Dis?	2020 - 2021	1258349191
Exploring nordihydroguaretic acid (NDGA) as a plausible neurotherapeutic in the experimental paradigm of autism spectrum disorders targeting nitric oxide pathway?.	Mehta R, Bhandari R, Kuhad A.	University Institute of Pharmaceutical Sciences	Metabolic Brain Disease	2020 - 2021	1233
Investigations of powder flow patterns in hopper model through discrete element method	Kumar, V., Arora, R., Goyal, D., Pal, D., & Sehgal, S	University Institute of Engineering & Technology	Metal Powder Report	2020 - 2021	18734065, 00260657
Investigations of powder flow patterns in hopper model through discrete element method.	Kumar, V., Arora, R., Goyal, D., Pal, D., & Sehgal, S	University Institute of Engineering & Technology	Metal Powder Report	2020 - 2021	1873-4065
Process modeling for machining Inconel 825 using cryogenically treated carbide insert	Kumar, S., Rao, P. S., Goyal, D., & Sehgal, S.	University Institute of Engineering & Technology	Metal Powder Report	2020 - 2021	0026-0657
Use of metallic filler powders in microwave hybrid-heating based joining of metals and alloys	Kumar, V., & Sehgal, S	University Institute of Engineering & Technology	Metal Powder Report	2020 - 2021	ISSN: 0026-0657
of nickel filler powder in joining SS304-SS316 through microwave hybrid heating technique	Pal, M., Sehgal, S., Kumar, H., & Goyal, D.	University Institute of Engineering & Technology	Metal Powder Report,	2020 - 2021	0026-0657
Rayleigh–Bénard instability in nanofluids: a comprehensive review	Jyoti Sharma	University Institute of Engineering & Technology	Micro and Nano Systems Letters	2020 - 2021	ISSN: 2213-9621 (electronic)
Combination of colistin and tobramycin inhibits persistence of Acinetobacter baumannii by membrane hyperpolarization and down-regulation of efflux pumps	Kashyap, S., Kaur, S., Sharma, P. and Capalash, N.	Department of Biotechnology	Microbes and Infection	2020 - 2021	1286-4579
Potential genes associated with survival of Acinetobacter baumannii under ciprofloxacin stress	Kashyap, S., Sharma, P., Capalash, N.	Department of Biotechnology	Microbes and Infection	2020 - 2021	1286-4579
The indigenous volatile inhibitor 2-methyl-2-butene impacts biofilm formation and interspecies interaction of the pathogenic Mucorale Rhizopus arrhizus	Mahaldeep Kaur, Anjna Kumari and Rachna Singh* (*Corresponding author)	Department of Microbial Biotechnology	Microbial Ecology	2020 - 2021	0095-3628
Adjuvanted vaccines driven protection against visceral infection in BALB/c mice by Leishmania donovani	Goyal D K, Keshav P and Kaur S	Department of Zoology	MICROBIAL PATHOGENESIS	2020 - 2021	0882-4010

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Molecular phylogenetics reveals a species complex pattern of closely related members of genus <i>Thelohanellus</i> (Cnidaria: Myxosporea) from the Indian subcontinent	Harpreet Kaur, Aditya Gupta, Rajni Attri	Department of Zoology	Microbial Pathogenesis	2020 - 2021	0882-4010
Multicopper oxidase of <i>Acinetobacter</i> A. baumannii: Assessing its role in metal homeostasis, stress management and virulence. Microbial Pathogenesis	Kaur, K., Sidhu, H., Capalash, N., Sharma, P.	Department of Biotechnology	Microbial Pathogenesis	2020 - 2021	0882-4010
Two new species of <i>Myxobolus</i> (Cnidaria: Myxosporea) infecting freshwater fishes of Ranjit Sagar Wetland, Punjab, India	Aditya Gupta, Harpreet Kaur	Department of Zoology	Microbial Pathogenesis	2020 - 2021	0882-4010
Effector Biology of Biotrophic Plant Fungal Pathogens: Current Advances and Future Prospective	• RajdeepJaswal, Kanti Kiran , SivasubramanianRajarammohana , Himanshu Dubey, Pankaj Kumar, Singh,	Department of Microbiology	Microbiological Research	2020 - 2021	9445013
Attenuation of <i>Acinetobacter baumannii</i> virulence by inhibition of polyphosphate kinase 1 with repurposed drugs	Gautam, L. K., Sharma, P., Capalash, N	Department of Biotechnology	Microbiological Research,	2020 - 2021	0944-5013
Chemometrics based ATR-FTIR Spectroscopy method for rapid and non-destructive discrimination between eyeliner and mascara traces	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Microchemical	2020 - 2021	0026-265X
Chemometric analysis of ATR-FTIR spectra of fingernail clippings for classification and prediction of sex in forensic context	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Microchemical Journal	2020 - 2021	0026-265X
Spectral Characteristics of Organic Soil Matter: A comprehensive review	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Microchemical Journal	2020 - 2021	0026-265X
An HPTLC densitometric method for simultaneous quantification of sorafenib tosylate and chrysin: Analytical method development, validation and applications.	Sharma, T., Khurana, R.K., Borges, B., Kaur, R., Katare, O.P. and Singh, B.,	University Institute of Pharmaceutical Sciences	Microchemical Journal, 162, 105821.	2020 - 2021	002656x3
Voltammetric detection of vitamin D employing Au-MoS ₂ hybrid as immunosensing platform.	Dr.Nirmal Prabhakar	Department of Biochemistry	Microchim Acta.	2020 - 2021	0026-3672
Gold-silver core-shell nanoparticle–based impedimetric immunosensor for detection of iron homeostasis biomarker hepcidin	Dr.Nirmal Prabhakar,Prof. Archana Bhatnagar	Department of Biochemistry	Microchimica Acta	2020 - 2021	ISSN:0026-3672(Print),1436-5073(Web)

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Fabrication and characterization of metal insulator semiconductor Ag/PVA/GO/PVA/n-Si/Ag device.	Ravneet Kaur, Anmol Arora, S.K. Tripathi.	Department of Physics	Microelectronic Engineering 233 (2020) 111419	2020 - 2021	0167-9317
Nephroprotective effect of Emblica officinalis fruit extract against malachite green toxicity in piscine model: Ultrastructure and oxidative stress study.	Sinha, R., Jindal, R. and Faggio, C.	Department of Zoology	Microscopy Research and Technique	2020 - 2021	1059910X
SARS-CoV-2 and the reproductive System: Known and the unknown..!!	Sharma I, Kumari P, Sharma A, Saha S C	Department of Zoology	Middle East Fertility Society Journal	2020 - 2021	ISSN: 2090-3251 (electronic)
Effect of Synectic model on achievement motivation in relation to its cognitive style among secondary school students	Chahal, G. and Kaur, K.	Institute Of Educational Technology & Vocational Education	MIER Journal of Educational Studfies Trends and Practices	2020 - 2021	0976-8203
Environmental stability of schwertmannite-Areview, 570-586	Paikaray, S.,	Department of Geology	Mine Water and The Environment 40	2020 - 2021	1616-1068
Methyl linked pyrazoles: Synthetic and Medicinal Perspective.	Tulika Sharma, Joginder Singh, Bigender Singh, Ramesh Kataria, Vinod Kumar	Department of Chemistry	Mini Reviews in Medicinal Chemistry	2020 - 2021	1389-5575 (print); 1875-5607 (web)
Elucidation of underlying molecular mechanism of 5-Fluorouracil chemoresistance and its restoration using fish oil in experimental colon carcinoma	Prof. Navneet Agnihotri	Department of Biochemistry	Molecular and Cellular Biochemistry	2020 - 2021	ISSN:0300-8177E- ISSN:1573-4919
Gallic acid ameliorates COPD-associated exacerbation in mice	Prof. Amarjit Singh Naura	Department of Biochemistry	Molecular and Cellular Biochemistry	2020 - 2021	ISSN:0300-8177E- ISSN:1573-4919
Piperlongumine targets NF- κ B and its downstream signaling pathways to suppress tumor growth and metastatic potential in experimental colon cancer	Prof. Navneet Agnihotri	Department of Biochemistry	Molecular and Cellular Biochemistry	2020 - 2021	ISSN:0300-8177E- ISSN:1573-4919
Genome-wide computational prediction of miRNAs in severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) revealed target genes involved in pulmonary vasculature and antiviral innate immunity	Avneet Saini	Department of Biophysics	Molecular Biology Research Communications	2020 - 2021	ISSN 2322181X
Robust and Versatile Cu(I) metal frameworks as potential catalysts for azide-alkyne cycloaddition reactions: Review	Parveen Saini, Sonika, Gurjaspreet Singh, Gurpreet Kaur, Jandeep Singh, Harminder Singh	Department of Chemistry	Molecular Catalysis	2020 - 2021	

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Molecular insights into effector binding by DgoR, a GntR/FadR family of transcriptional regulator of D-galactonate metabolism in Escherichia coli.	Dr. Vishal Agarwal	Department of Biochemistry	Molecular Microbiology	2020 - 2021	0950-382X (print) 1365-2958 (web)
Naringenin Upregulates AMPK-Mediated Autophagy to Rescue Neuronal Cells From β -Amyloid (1–42) Evoked Neurotoxicity	Aitizaz Ul Ahsan, Vijay Lakshmi Sharma, Abubakar Wani, Mani Chopra	Department of Zoology	Molecular Neurobiology	2020 - 2021	1559-1182 (Electronic) 0893-7648 (Print)
Kinetics and Thermodynamics of CO Oxidation by (TiO ₂) ₆	Navjot Kaur , Neetu Goel, Michael Springborg and Mohammad Molayem	Department of Chemistry	Molecules	2020 - 2021	1420-3049
Poverty and food security in India : Issues and Challenges	Prof. Supinder Kaur	Department of Laws	multi- disciplinary bilingual International journal, volume-5	2020 - 2021	2456- 5474
Socio – Legal conditions of Food Security in India and Doaba Region of Punjab : A case study	Prof. Supinder Kaur	Department of Laws	multi- disciplinary International journal Remarking – An Analisation. Volume -5, issue 4	2020 - 2021	2454-8103
Dynamic features based stroke recognition system for signboard images of Gurmukhi	Jasleen Kaur Bains, Anuj Sharma	Department of Computer Science & Applications	Multimedia tools and application	2020 - 2021	13807501, 15737721
A secure and robust video steganography scheme for covert communication in H.264/AVC	Dalal M., Juneja M.	University Institute of Engineering & Technology	Multimedia Tools and Applications	2020 - 2021	pages 14383–14407
DeepNetDevanagari: a deep learning model for Devanagari ancient character recognition	Sonika Rani Narang, Munish Kumar, Manish Kumar Jindal	P.U. Regional Centre, Muktsar	Multimedia Tools and Applications	2020 - 2021	1380-7501
Diverse feature set based Keyphrase extraction and indexing techniques	Sharma S., Gupta V., Juneja M.	University Institute of Engineering & Technology	Multimedia Tools and Applications	2020 - 2021	13807501
Dynamic features based stroke recognition system for signboard images of Gurmukhi text	J. Kaur, S. Singh and Anuj Sharma,	Department of Computer Science & Applications	Multimedia Tools and Applications	2020 - 2021	1380-7501
Face mask detection using YOLOv3 and faster R-CNN models: COVID-19 environment	Singh S., Ahuja U., Kumar M., Kumar K., Sachdeva M.	University Institute of Engineering & Technology	Multimedia Tools and Applications	2020 - 2021	13807501
Particle swarm optimization based segmentation of Cancer in multi-parametric prostate MRI	Garg G., Juneja M.	University Institute of Engineering & Technology	Multimedia Tools and Applications	2020 - 2021	13807501
Segmentation of handwritten words into characters	Dr.Satish Kumar	P.U. S.S. Giri Regional Centre, Hoshiarpur	Multimedia Tools and Applications	2020 - 2021	DOIhttps://doi.org/10.1007/s11042-021-10638-0
Steganography and Steganalysis (in digital forensics): a Cybersecurity guide	Dalal M., Juneja M.	University Institute of Engineering & Technology	Multimedia Tools and Applications	2020 - 2021	13807501, 15737721

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Survey of denoising, segmentation and classification of magnetic resonance imaging for prostate cancer	Juneja M., Saini S.K., Gupta J., Garg P., Thakur N., Sharma A., Mehta M., Jindal P.	University Institute of Engineering & Technology	Multimedia Tools and Applications	2020 - 2021	13807501, 15737721
Identifying Putative Cerebrospinal Fluid Biomarkers of ALS in a North Indian population	R. Khosla, M. Rain, S. Chawathey, Suresh Kumar Sharma and A. Anand	Department of Statistics	Muscle & Nerve	2020 - 2021	
Role of epigenetic mechanisms in propagating off-targeted effects following radiation based therapies – A review	Swati bhat, Vijayta D. Chadha	Centre for Nuclear Medicine	Mutation Research/Reviews in Mutation Research	2020 - 2021	1383-5742
Rapid and simple reversed-phase High-Performance Liquid Chromatography (RP-HPLC) method for simultaneous quantifications of triazole antifungals in human serum	Hansraj Choudhary, Shreya Singh, Rachna Singh et al.	Department of Microbial Biotechnology	Mycopathologia	2020 - 2021	0301-486X
Social Intelligence and its impact on job satisfaction: A study of the managers of Marriott hotels in Northern India	Ms. Sumedha & Prof. Sanjay Kaushik	University Business School	N INTERNATIONAL MULTIDISCIPLINARY QUARTERLY BILINGUAL PEER REVIEWED REFEREED RESEARCH JOURNAL	2020 - 2021	2348-2397
Effect of various synthesis parameters on the stability of size controlled green synthesis of silver nanoparticles	Ramanjeet Kaur, Pramod Avti, Vivek Kumar, Rajesh Kumar	Department of Physics	Nano Express	2020 - 2021	2632-959X
Flow synthesis and in-channel photocatalysis of antimicrobially active ZnS quantum dots using an efficient planar PMMA microreactor	Jadab Sharma	Centre for Nanoscience and Nanotechnology	Nano Express	2020 - 2021	2632-959X
Study of the methylene blue adsorption mechanism using ZrO2/Polyaniline nanocomposite	Naresh Kumar, Tanya Bahl, Rajesh Kumar	Department of Physics	Nano Express	2020 - 2021	2632-959X
Large piezoelectric and thermal expansion coefficients with negative Poisson's ratio in strain-modulated Tellurene	Shuchi Gupta	University Institute of Engineering & Technology	Nanoscale Advances	2020 - 2021	25160230
REUNIFYING OUR TRADITIONAL VALUES AND CULTURE THROUGH SLOW FOOD: A CASE STUDY OF PUNJAB	Prashant Kumar Gautam	University Institute of Hotel and Tourism Management	Nat. Volatiles & Essent. Oils	2020 - 2021	10980 – 10988
Line Segmentation of Devanagari Ancient Manuscripts	Sonika Rani Narang, M. K. Jindal and Munish Kumar	P.U. Regional Centre, Muktsar	National Academy of Sciences-India Section A: Physical Sciences	2020 - 2021	2250-1762

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Functional and structural modelling of peptidoglycan degrading β -N- acetyl-glucosaminidase from a dental isolate of <i>Serratia marcescens</i>	Dr. Ashok Kumar	Centre for System Biology & Bioinformatics	national Library of Medicine	2020 - 2021	1386-2073
The non-violent struggle in Burma	Dr. Manish Sharma	Department of Gandhian and Peace Studies	National Research Journal of Social Science	2020 - 2021	2348-473X
New developments in RiPP discovery, enzymology and engineering	Dr.Dipti Sareen	Department of Biochemistry	Natural Product Reports	2020 - 2021	ISSN:0265-0568E- ISSN:1460-4752
Mapping child growth failure across low- and middle-income countries	Dr. Kewal Krishan	Department of Anthropology	Nature	2020 - 2021	1476-4687
Mapping disparities in education across low- and middle-income countries	Dr Kewal Krishan	Department of Anthropology	Nature	2020 - 2021	1476-4687
Giant Gauge factor of Van der Waals material based strain sensors	Sunil K. Arora	Centre for Nanoscience and Nanotechnology	Nature Communications	2020 - 2021	2041-1723
Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017	Dr. Kewal Krishan	Department of Anthropology	Nature Medicine, 2020, 26:750-759,	2020 - 2021	1078-8956
Studies on the Neuromodulatory Effects of Ginkgo biloba on Alterations in Lipid Composition and Membrane Integrity of Rat Brain Following Aluminium Neurotoxicity	Ranawat, Pavitra	Department of Biophysics	Neurochemical Research	2020 - 2021	ISSN:0364-3190E- ISSN:1573-6903
Potential benefits of phytochemicals from <i>Azadirachta indica</i> against neurological disorders	Prof. Rajat Sandhir	Department of Biochemistry	Neurochemistry International	2020 - 2021	ISSN:0197-0186
IDO-1 inhibition protects against neuroinflammation, oxidative stress and mitochondrial dysfunction in 6-OHDA induced murine model of Parkinson's disease?	Sodhi RK, Bansal Y, Singh R, Saroj P, Bhandari R, Kumar B, Kuhad A.	University Institute of Pharmaceutical Sciences	Neurotoxicology	2020 - 2021	1234
IDO-1 inhibition protects against neuroinflammation, oxidative stress and mitochondrial dysfunction in 6-OHDA induced murine model of Parkinson's disease	Rupinder Kaur Sodhi, Yashika Bansal, Raghunath Singh, Priyanka Saroj, Ranjana Bhandari, Baldeep Kumar, Anurag Kuhad	University Institute of Pharmaceutical Sciences	NeuroToxicology	2020 - 2021	9.78012E+12

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Neuroprotective effects of carbenoxolone against amyloid-beta 1–42 oligomer-induced neuroinflammation and cognitive decline in rats	Saini, Avneet	Department of Biophysics	NeuroToxicology	2020 - 2021	ISSN:0161-813XE- ISSN:1872-9711
Pal Kaur kav da Uttar Narivadi Pravachan	Dr. Parveen Kumar	University School of Open Learning	New Horizons	2020 - 2021	2277-5218
WASTE TO WEALTH	Dr Anu H. Gupta	University Institute of Fashion Technology & Vocational Development	NEW HORIZONS	2020 - 2021	2277-5218
Role of non-covalent interactions in the supramolecular architectures of mercury(II) diphenyldithiophosphates: An experimental and theoretical investigation	Pandey, S.; Kumar, Pretam ; Banerjee, Snehasis; Radha, Anu ; Firdoos, Tahira; Sahoo, S. C.	Department of Chemistry	New J. Chem., 2021,	2020 - 2021	1144-0546
1-Adamantanamine based triazole appended organosilanes as chromogenic naked-eye and fluorogenic turn-on sensors for highly selective detection of Sn ²⁺ ions	Gurjaspreet Singh, Kaur J., Dahiya, P., Diksha, M., Dhanda, S., Bhukkal, S., Jindal, S., Satija, P.	Department of Chemistry	New Journal of Chemistry	2020 - 2021	144-0546
A veratraldehyde-appended organosilicon probe and its hybrid silica nanoparticles as a dual chemosensor for colorimetric and fluorimetric detection of Cu ²⁺ and Fe ³⁺ ions	Gurjaspreet Singh, Jashan Deep Kaur, Pawan, Sushma, Priyanka, Pinky Satija, K. N. Singh, Mari´a Ang	Department of Chemistry	New Journal of Chemistry	2020 - 2021	1144-0546
Coupling the fluorescence and adsorptive properties of biomass-based cellulose-CdS nanocomposite for the alleviation of water contaminants	Komal, Deepeka, Jaspreet Kaur, Vinod Kumar, K.B. Tikoo, Anupama Kaushik, Sonal Singhal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	New Journal of Chemistry	2020 - 2021	11440546
Coupling the fluorescence and adsorptive properties of biomass-based cellulose–CdS nanocomposite for the alleviation of water contaminants	Komal, Deepeka, Jaspreet Kaur, Vinod Kumar, K. B. Tikoo, Anupama Kaushik and Sonal Singhal	Department of Chemistry	New Journal of Chemistry	2020 - 2021	1144-0546
Design, synthesis and photophysical aspects of 1,2,3-triazole appended schiff base functionalized silanes and silatranes	Gurjaspreet Singha, Priyanka , Sushma , Diksha , Mohit , Suman , Jashan Deep Kaur , Anamika Saini ,	Department of Chemistry	NEW JOURNAL OF CHEMISTRY	2020 - 2021	
Designing the recognition of Sn ²⁺ ions and antioxidants: N-heterocyclic organosilatranes and their magnetic nanocomposites	Gurjaspreet Singh, Diksha, Akshpreet Singh, Sanchita, Geetika Sharma, Shilpy, Pawan, Cristoba	Department of Chemistry	NEW JOURNAL OF CHEMISTRY	2020 - 2021	

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In vitro and in silico molecular docking studies of Rheum emodi-derived diamagnetic SnO ₂ nanoparticles and their cytotoxic effects against breast cancer	Sharma D, Kumar N, Mehrotra T, Pervaiz N, Agrawal L, Tripathi S, Jha A, Poullikkas T, Kumar R, Ledwa	Department of Zoology	New Journal of Chemistry	2020 - 2021	1144-0546
In vitro and in silico molecular docking studies of Rheum emodi-derived diamagnetic SnO ₂ nanoparticles and their cytotoxic effects against breast cancer.	Sharma, D., Kumar, N., Mehrotra, T., Pervaiz, N., Agrawal, L., Tripathi, S., ... & Ledwani, L	Department of Zoology	New Journal of Chemistry	2020 - 2021	1695-1711
Organosilanes and their magnetic nanoparticles as naked eye red emissive sensors for Ag ⁺ ions and potent anti-oxidants	Gurjaspreet Singh, Diksha, Akshpreet Singh, Pinky Satija, Pawan, Mohit, D. Gonza´lez-Silvera	Department of Chemistry	New Journal of Chemistry	2020 - 2021	
Schiff base-functionalized silatrane-based receptor as a potential chemo-sensor for the detection of Al ³⁺ ions	Gurjaspreet Singh, Priyanka, Akshpreet Singh, Pinky Satija, Sushma, Pawan, Mohit, Jandeep Singh	Department of Chemistry	NEW JOURNAL OF CHEMISTRY	2020 - 2021	
Synchronous role of coupled adsorption and photocatalytic oxidation on the hybrid nanomaterials of pectin and nickel ferrite leads to the excellent removal of toxic dye effluents	Kanu Gupta, Komal, Nidhi, KB Tikoo, Vinod Kumar, Sandeep Bansal, Anupama Kaushik and Sonal Singhal	Department of Chemistry	New Journal of Chemistry	2020 - 2021	1144-0546
Synthesis and X-ray characterization of antipyrine-tethered organosilanes and their magnetic nanoparticles: potent anti-oxidants and receptors for Sn(II) ions	Gurjaspreet Singh, Suman, Pinky Satija, Akshpreet Singh, Shilpy, D. Gonza´lez-Silvera, Cristobal Es	Department of Chemistry	NEW JOURNAL OF CHEMISTRY	2020 - 2021	1144-0546
Synthesis of organosilocane allied N-heteroaryl Schiff base chemosensor for the detection of Cu ²⁺ metal ions and their biological applications	Gurjaspreet Singh, Shilpy, Akshpreet Singh, Diksha, Pawan, Suman, Cristóbal Espinosa-Ruíz, Maria	Department of Chemistry	New Journal of Chemistry	2020 - 2021	1144-0546
Terephthalaldehyde as better crosslinking agent in crosslinked chitosan hydrogel for selective removal of anionic dyes	Bharat Bajaj	Centre for Nanoscience and Nanotechnology	New Journal of Chemistry	2020 - 2021	1369-9261
Tetrazole conjoined organosilane and organosilatrane via the ‘click approach’: a potent Mycobacterium tuberculosis enoyl ACP reductase inhibitor and a dual sensor for Fe(III) and Cu(II) ions	Gurjaspreet Singh, Priyanka, Sushma, Pawan, Diksha, Suman, Mohit, Anita Devi and Sofia Gupta	Department of Chemistry	New Journal of Chemistry	2020 - 2021	1369-9261

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The first report of X-ray characterized organosilatrane-based receptors for the electrochemical analysis of Al3+ ions	Gurjaspreet Singh, Sanjay Sharma, Akshpreet Singh, , Shweta Rana, Subash sahuo, Amarjit Kaur	Department of Chemistry	NEW JOURNAL OF CHEMISTRY	2020 - 2021	1144-0546 (print); 1369-9261 (web)
Tricyclic tin(IV) cages: synthetic aspects and intriguing features of stannatranes and pseudostannatranes	Keshav Kumar, Neha Srivastav, Raghubir Singh, Varinder Kaur	Department of Chemistry	New Journal of Chemistry	2020 - 2021	1144-0546
Water stable fluorescent organotin(IV) compounds: aggregation induced emission enhancement and recognition of lead ions in an aqueous system	Kulwinder Kaur, Raghubir Singh, Varinder Kaur, Neena Capalash	Department of Chemistry	New Journal of Chemistry	2020 - 2021	1144-0546
γ-vibration in 126Xe: A revisit	S.Chakraborty, H.P.Sharma, S.S.Tiwary, C.Majumder, P.Banerjee, S.Ganguly, S.Rai, A. Kumar et al.	Department of Physics	Nucl.Phys. A996, 121687 (2020)	2020 - 2021	0375-9474.
Chemical characterization of Indian coal and coal residues by PIGE and PIXE spectroscopies using proton beams from tandem particle accelerators	Shashank Singh, Mumtaz Oswala, Ashok KumarSk Wasim Rajac, S. Santrad, ,B.R. Behera	Department of Physics	Nuclear Inst. and Methods in Physics Research B	2020 - 2021	0168-583X
Synthesis of thin isotopic samarium targets for elastic cross-section measurements	Kavita Rani , Abhilash S.R. b, G.R. Umapathy b, D. Kabiraj b, B.R. Behera	Department of Physics	Nuclear Inst. and Methods in Physics Research, A	2020 - 2021	0168-9002
A Review of the Anti-Cancer Potential of Murraya koenigii (Curry Tree) and Its Active Constituents	Kaur, Sarvnrinder	Department of Biophysics	Nutrition and Cancer	2020 - 2021	SSN:0163-5581E- ISSN:1532-7914
High-efficacy glycerol acetalization with silica gel immobilized Brønsted acid ionic liquid catalysts—preparation and comprehending the counter-anion effect on the catalytic activity	Shashni S, Singh V, Toor A P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Nwe Journal of chemistry	2020 - 2021	1144-0546
ÒExploring Moderation in Service Dominant Logic Service Innovation Relationship In Tourism Sector-A PLS AnalysisÓ	DR RACHITA Sambyal, Dr Amandeep Singh Marwaha, Dr Anupreet kaur mavi	University Institute of Applied Management Sciences	ÒInternational Journal of Scientific &Technology ResearchÓ	2020 - 2021	2277-8616)
A Survey on Prevention of the Falsification Attacks on Cognitive Radio Networks	Pratibha, Sharmelee Thangjam, Naresh Kumar, Sanjiv Kumar	University Institute of Engineering & Technology	OP Conference Series: Materials Science and Engineering	2020 - 2021	1757-8981

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Assessment of Manual Lifting Tasks in Terms of Biomechanical and Metabolic Responses in Young Indian Adults: A Pilot Study	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	open acess journal of biogeneric science and resrch	2020 - 2021	2692-1081
Time-cost trade-off analysis of a priority based assignment problem	Kalapana Dahiya, Prabhjot Kaur	University Institute of Engineering & Technology	opsearch	2020 - 2021	Electronic ISSN0975-0320Print ISSN0030-3887
Time Cost Trade-off in a bi-objective assignment problem	Vanita Verma	Department of Mathematics	Opsearch: Quarterly Journal of the Operational Research Society of India	2020 - 2021	0030-3887
Hydrothermal synthesis of rGO-Bi2WO6 heterostructure for the photocatalytic degradation of levofloxacin	Mamta Arya, Manpreet Kaur, Amandeep Kaur, Surinder Singh, Pooja Devi, Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Optical Materials	2020 - 2021	1873-1252
One step production of Se doped carbon dots for rapid sensing of tetracycline in real water sample	Pooja Chauhan , Savita Chaudhary*	Department of Chemistry	Optical Materials	2020 - 2021	0925-3467
Performance optimization of OADM based DP-QPSK DWDM optical network with 37.5 GHz channel spacing	Neeraj Sharma, Sunil Agrawal, Vinod Kapoor	University Institute of Engineering & Technology	Optical Switching and Networking	2020 - 2021	1573-4277
Dynamically tunable slow light characteristics in graphene based terahertz metasurfaces	Deepak Kumar, Koijam Monika Devi, Ranjan Kumar, Dibakar Roy Chowdhury	Department of Physics	Optics Communications	2020 - 2021	0030-4018
Controllable excitations of rogue waves and breathers in an inhomogeneous erbium doped fiber system,	Ritu Pal, Shally Loomba, C.N. Kumar	Department of Physics	Optics Communications, 474 (2020) 126153.	2020 - 2021	0030-4018
Generation and controlling of ultrashort self-similar solitons and rogue waves in inhomogeneous optical waveguide,	Harneet Kaur, Nisha, Amit Goyal, Thokala Soloman Raju, C.N. Kumar	Department of Physics	Optik-International Journal For Light and Electron Optics, 223 (2020) 165634.	2020 - 2021	0030-4026
Chirped nonlinear resonant states in femtosecond fiber optics	Shailza Pathania, Amit Goyal, Thokala Soloman Raju, C.N. Kumar	Department of Physics	Optik-International Journal For Light and Electron Optics, 227 (2020) 166094.	2020 - 2021	0030-4026
Catalytic and highly regenerable aminic organoselenium antioxidants with cytoprotective effects	Manish Kumar, Babli Chhillar, Manisha Yadav, Poonam Sagar, Nitin K. Singhal and Vijay Pal Singh	Department of Chemistry	Organic & Biomolecular Chemistry 2021, 19, 2015-2022	2020 - 2021	10.1039/d0ob02368j

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Preliminary palynological study on the upper Ordovician Pin Formation in North-western Indian Himalaya	Wang, W., Gao, S., Servais, T., Singh, B.P., Myrow, P.M.,	Department of Geology	Palynology	2020 - 2021	1916122
MEDIA TRIAL IN THE AGE OF INTERNET V. FAIR TRIAL: LEGISLATIVE AND JUDICIAL POSITION IN INDIA	Dr. Anil Kumar Thakur & Manisha Garg	Department of Laws	Panjab University Law Review, Vol59 , Part 1&2	2020 - 2021	0971-5541
A CRITICAL ANALYSIS ON THE LANDLORD TENANT RELATIONSHIP UNDER THE PUNJAB RENT ACT 1995: A STUDY	Dr. Sonia	Department of Laws	Panjab University Law Review,Vol59	2020 - 2021	09715-541
Perampanel: A promising antiepileptic drug acting via novel target	Dr. Suruchi Aditya	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Panjab University Research Journal	2020 - 2021	ISSN-0555-7631
Disabled Women and their Heterogeneities: Deconstruction from Multiple Lenses	Dr Rajesh Kumar Chander	Department Cum Centre for Women Studies & Development	Panjab University Research Journal (Arts)	2020 - 2021	NA
Expanding the Empire in North-West Frontier: Diplomacy, Treaties, Battles and Annexation of Punjab	Jaskaran Singh Waraich,Maninderjit Singh	Department of Defence and National Security Studies	Panjab University Research Journal (Arts)	2020 - 2021	0970-5260
The National Education Policy, 2020: Thrust on Entrepreneurship	Bharat	University Institute of Legal Studies	Panjab University Research Journal (Arts) UGC CARE LISTED Volume XLVIII	2020 - 2021	0970-5260
Bioluminescent systems: diversity and future prospects, Panjab University Research Journal of Science	Chauhan, A., Ali, A. & Kajal, K.	Department of Zoology	Panjab University Research Journal SCIENCE (PURJS)	2020 - 2021	0555-7631
Neo-Liberal developmental policies and their impact on women and gender equality in India:a critique	Nisha Jain	P.U. Regional Centre, Muktsar	Panjab University Research Journal(Art). vol XLVII(1)	2020 - 2021	0970-5260
Performance Assessment of MGNREGA during the recent economic slowdown	Sharma, Smita and Arushi Jain	Department of Economics	Panjab University Research Journals (arts) Vol XLVIII, no. 1 January-June	2020 - 2021	0970-5260
Punjabi Bhashayi Kosha'n Vich Doojiyan Bhashawa'n De Shabad Graihan Karan di Samasya: Vibhin Parsang	Akwinder Kaur Tanvi	School of Punjabi Studies	Parakh	2020 - 2021	ISSN:2320-9690
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Red Green Blue Depth Image Classification Using Pre-Trained Deep Convolutional Neural Network	Kumar N., Kaur N., Gupta D.	University Institute of Engineering & Technology	Pattern Recognition and Image Analysis	2020 - 2021	15556212, 10546618
Evaluating the web accessibility of IIT libraries: A study of Web Content Accessibility Guidelines	Prof. Rupak Chakravarty and Subhajit Panda	Department of Library & Information Science	Performance measurement and Metrics	2020 - 2021	1467-8047
RNAi based gene silencing in Phenacoccus solenopsis and its validation by in planta expression of a double-stranded RNA	Dr. S.K. Upadhyay	Department of Botany	Pest Management Science	2020 - 2021	15264998
Oncogenic and Tumor Suppressive Components of the Cell Cycle in Breast Cancer Progression and Prognosis	Neelam Goel	University Institute of Engineering & Technology	Pharmaceutics	2020 - 2021	1999-4923
Althea rosea seed extract ameliorates 1, 2-dimethylhydrazine induced preneoplastic lesions in mouse model of colon cancer by modulating oxidative stress and inflammation	Prof. Navneet Agnihotri	Department of Biochemistry	Pharmacognosy Magazine	2020 - 2021	0973-1296
Antimicrobial peptides against colorectal cancer-a focused review	Dhawan, D.K	Department of Biophysics	Pharmacological Research	2020 - 2021	ISSN:1043-6618E- ISSN:1096-1186
Photo-chemical Synthesis of Lactic Acid Esters at Ambient Temperature Employing SulphonicallyFuctionalized N/W Doped Nano-semiconductor.	Verma, P., Wanchoo, R. K., & Pal Toor, A.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Photochemistry and Photobiology	2020 - 2021	0031-8655

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Intermediate structure and dipole bands in the transitional ^{134}Ba nucleus	Neelam, Suresh Kumar, K. Rojeeta Devi, Naveen Kumar, S. Saha, S. Biswas, P. Singh, A. Kumar et al.	Department of Physics	Phys. Rev. C 101, 014312 – Published 16 January 2020	2020 - 2021	2469-9985
Measurement of neutrino-induced neutral-current coherent $\pi^0\pi^0$ production in the NOvA near detector	Vipin Bhatnagar, Daisy Kalra et al.	Department of Physics	Phys. Rev. D	2020 - 2021	2470-0010
Search for multimessenger signals in NOvA coincident with LIGO/Virgo detections	Vipin Bhatnagar, Daisy Kalra et al.	Department of Physics	Phys. Rev. D	2020 - 2021	2470-0010
Structure of positive parity states in ^{139}Pm	S Tiwary, H P Sharma, S Chakraborty, C Majumder, ashok kumar	Department of Physics	Phys. Scr. 95 095304 (2020)	2020 - 2021	0031-8949
Measurements of production cross sections of polarized same-sign W boson pairs in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys.Lett.B 812 (2021) 136018	2020 - 2021	0370-2693
Pion-kaon femtoscopy and the lifetime of the hadronic phase in Pb–Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV	L.kumar, et. al.	Department of Physics	Phys.Lett.B 813 (2021) 136030	2020 - 2021	0370-2693
Measurement of prompt D^0 and $\overline{\text{D}}^0$ meson azimuthal anisotropy and search for strong electric fields in PbPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys.Lett.B 816 (2021) 136253	2020 - 2021	0370-2693
Measurements of mixed harmonic cumulants in Pb–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV	L. Kumar	Department of Physics	Phys.Lett.B 818 (2021) 136354	2020 - 2021	0370-2693
Search for the rare decay of the W boson into a pion and a photon in proton-proton collisions at $s=13\text{TeV}$	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys.Lett.B 819 (2021) 136409	2020 - 2021	0370-2693
Search for singly and pair-produced leptoquarks coupling to third-generation fermions in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys.Lett.B 819 (2021) 136446	2020 - 2021	0370-2693
First measurement of the cross section for top quark pair production with additional charm jets using dileptonic final states in pp collisions at $s=13\text{TeV}$	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys.Lett.B 820 (2021) 136565	2020 - 2021	0370-2693
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Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pppppp collisions at $\sqrt{s_{NN}} = 5.02$ TeV	L.kumar, et. al.	Department of Physics	Phys.Rev.C 101 (2020) 4, 044907	2020 - 2021	2469-9985
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Nonmonotonic Energy Dependence of Net-Proton Number Fluctuations	L.kumar, et. al.	Department of Physics	Phys.Rev.Lett. 126 (2021) 9, 092301	2020 - 2021	0031-9007
Observation of Forward Neutron Multiplicity Dependence of Dimuon Acoplanarity in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV	V. Bhatnagar, S. Chauhan et. al.,	Department of Physics	Phys.Rev.Lett. 127 (2021) 12, 122001	2020 - 2021	0031-9007
Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV	L.kumar, et. al.	Department of Physics	Phys.Rev.Lett. 127 (2021) 4, 042302	2020 - 2021	0031-9007
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Properties of superdeformed bands in A< 100 mass region within the variable moment of inertia model	Jagjit Singh	University Institute of Engineering & Technology	Physica Scripta	2020 - 2021	"Online ISSN: 1402-4896 Print ISSN: 0031-8949"
Interplay effect modeling in stereotactic body radiotherapy treatment of liver cancer using volumetric modulated arc therapy.	Dr. Vivek Kumar	Centre for Medical Physics	Physical and Engineering Sciences in Medicine 44 (1), 123-134	2020 - 2021	Electronic 2662-4737 Print ISSN 2662-4729
Can modified DNA base pairs with chalcogen bonding expand the genetic alphabet? A combined quantum chemical and molecular dynamics simulation study	Karan Deep Sharma, Preetleen Kathuria, Stacey D. Wetmore and Purshotam Sharma	Department of Chemistry	Physical Chemistry Chemical Physics	2020 - 2021	1463-9076
Machine Learning Approach for Predicting Nucleophilicity of Organic Molecules	Vaneet Saini, Aditya Sharma and Dhruv Nivatia	Department of Chemistry	Physical Chemistry Chemical Physics	2020 - 2021	1463-9076
Enhanced B(E3) strength observed in ¹³⁷ La	S. Sihotra in et al.,	Department of Physics	Physical Review C	2020 - 2021	2469-9985
Singlet, triplet, and octet axial-vector form factors of the spin-3/2 + decuplet baryons in the chiral quark constituent model	Monika Randhawa	University Institute of Engineering & Technology	Physical Review D	2020 - 2021	(ISSN: 1550-7998)
Search for Axionlike Particles Produced in e + e – Collisions at Belle II	Sunil Bansal	University Institute of Engineering & Technology	Physical Review Letters	2020 - 2021	1079-7114
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Phase modulated domain walls and dark solitons for surface gravity waves	Harneet Kaur, Shailza Pathania, Amit Goyal, C.N. Kumar, D. Milovic	Department of Physics	Physics Letters A 395 (2021) 127227.	2020 - 2021	0375-9601
Chirped Lambert W-kink solitons of the complex cubic-quintic Ginzburg-Landau equation with intrapulse Raman scattering	Nisha, Neetu Maan, Amit Goyal, Thokala Solomon Raju, C.N. Kumar	Department of Physics	Physics Letters A, 384 (2020) 126675	2020 - 2021	0375-9601
Multiphonon longitudinal wobbling in ¹²⁷ Xe	S . Chakarborty, H.P. Sharma, S. Tiwary, C. Majumder, A. K. Gupta,P. Banerjee,S. Rai,A. kumar et al	Department of Physics	Physics Letters B 811, 135854 (2020)	2020 - 2021	0370-2693

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Vitis vinifera (Grapevine) lncRNAs are potential regulators of response to necrotrophic fungus, Botrytis cinerea infection	Dr. S.K. Upadhyay	Department of Botany	Physiological and Molecular Plant Pathology	2020 - 2021	0885-5765
Immune modulatory effects of lenalidomide inhibited the progression of lesions in a vitiligo mouse model.	N. Pervaiz, H. Kaur, D. Parsad, R. Kumar	Department of Zoology	Pigment Cell & Melanoma Research	2020 - 2021	1755-148X
BUSINESS FAILURE Vis-A-Vis FINANCIAL FAILURE: A COMPARATIVE STUDY OF TEXTILES COMPANIES IN PUNJAB, INDIA	Ashish Saihpal	P.U. Regional Centre, Ludhiana	PIMT Journal of Research	2020 - 2021	2278-7925
Factors Influencing Cyberloafing : A Case of Selected Banks in and Around Chandigarh	Gurjeet Kaur, Anil Kumar & Rupinder Bir Kaur	University Business School	PIMT Journal of Research	2020 - 2021	2278-7925
Intellectual Capital and Firm Performance: A Systematic Literature Review	Mr.Shashi Kapoor	P.U. Regional Centre, Ludhiana	PIMT Journal of Research	2020 - 2021	2278-7925
Intention to Cyberloaf: A Socio - Demographic Analysis of Selected Banks In and Around Chandigarh	Gurjeet Kaur, Anil Kumar & Rupinder Bir Kaur	University Business School	PIMT Journal of Research	2020 - 2021	2278-7925
Testing creativity of fashion design students- A comparison between under graduates and post graduates	Dr Anu H. Gupta	University Institute of Fashion Technology & Vocational Development	PIMT Journal of Research	2020 - 2021	02278-7925
COVID -19: Awareness and Resiliency of Healthcare Delivery Systems- The Case of Himachal Pradesh Page no.: 143-148	Tamanna Sanjeev K. Sharma	University Institute of Applied Management Sciences	PIMT Journal of Research (2020)	2020 - 2021	2278-7925
ccurrence of new angiosperm weeds species Phyllanthus amarus Schumach. & amp; Thonn. (Euphorbiaceae) in the state of Punjab India	Sidhu, M. C. and Singh, R.	Department of Botany	Plant Archives	2020 - 2021	0972-5210
Checklist of macroinvertebrates of Binwa, a Western Himalayan hill stream and their role as bioindicators	Jindal, R. and Singh, D. and Chandel, V.C.	Department of Zoology	Plant Archives	2020 - 2021	0972-5210
Occurrence of new angiosperm weed species Phyllanthus amarus Schumach. & Thonn. (Euphorbiaceae) in the state of Punjab India	Prof. M.C. Sidhu	Department of Botany	Plant Archives	2020 - 2021	0972-5210
The Identification of phytochemicals of medicinal important in Senna occidentalis (L.) Link	Prof. M.C. Sidhu	Department of Botany	Plant Archives	2020 - 2021	0972-5210
Advances in omics approaches to tackle drought stress in grain legumes.	Prof. Harsh Nayyar	Department of Botany	Plant Breeding	2020 - 2021	ISSN:1439-0523

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Characterization of APX and APX-R Gene Family in Brassica juncea and B. rapa for Tolerance Against Abiotic Stresses	Deepika Verma, Santosh K Upadhyay, Kashmir Singh	Department of Biotechnology	Plant Cell reports	2020 - 2021	0721-7714
Exploration of glutathione reductase for abiotic stress response in bread wheat (Triticum aestivum L.)	Madhu, Kaur A, Tyagi S, Shumayla, Singh K, Santosh Kumar Upadhyay	Department of Botany	Plant Cell Reports	2020 - 2021	0721-7714
Exploration of glutathione reductase for abiotic stress response in bread wheat (Triticum aestivum L.).	Madhu, Kaur A, Tyagi S, Shumayla, Singh K, Santosh Kumar Upadhyay	Department of Botany	Plant Cell Reports	2020 - 2021	0721-7714
Exploration of glutathione reductase for abiotic stress response in bread wheat (Triticum aestivum L.)	Madhu, Amandeep Kaur, Shivi Tyagi, Shumayla, Kashmir Singh, Santosh Kumar Upadhyay	Department of Biotechnology	Plant Cell Reports	2020 - 2021	0721-7714
Gene expression analysis for selection and validation of suitable housekeeping genes in cadmium exposed pigeon pea plants inoculated with arbuscular mycorrhiza	Aditi Bisht, Shyna Bhalla, ArbindKumar, Jagdeep Kaur, Neera Garg	Department of Biotechnology	Plant Physiology and Biochemistry	2020 - 2021	0981-9428
Heat stress and cowpea: genetics, breeding and modern tools for improving genetic gains. Plant Physiology	Prof. Harsh Nayyar	Department of Botany	Plant physiology reports	2020 - 2021	ISSN: 26622548
Antidiabetic and antioxidant potential of Zanthoxylum armatum DC. leaves (Rutaceae): An endangered medicinal plant	Prof. Richa Puri	Department of Botany	Plant Science Today	2020 - 2021	2348-1900
Reciprocal relation between reporter gene transcription and translation efficiency in fission yeast.	Prof. Jagmohan Singh	Department of Biochemistry	Plasmid	2020 - 2021	0147-619X
Amyotrophic lateral sclerosis prediction model derived from plasma and CSF biomarkers	Khosla R, Rain M, Suresh Kumar Sharma, Anand A	Department of Statistics	PLoS One	2020 - 2021	1932-6203
Sleeping pattern and activities of daily living modulate protein expression in AMD	Suresh Kumar sharma et.al	Department of Statistics	Plos One	2020 - 2021	
India-SAARC Trade relation: a trade potential approach	Vipin Sharma and Dr. Vinod Kumar	P.U. Regional Centre, Muktsar	Political Economy Journal of India	2020 - 2021	NA
Low-frequency ultrasound responsive release and enhanced antibacterial efficacy of sulfamethoxazole decked silver nanocomposite	Shweta Sharma	Institute of Forensic Science & Criminology	Polyhedron	2020 - 2021	0277-5387

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Synthesis, structural and pharmacological exploration of 2-(3, 5-dimethyl-1H-pyrazol-1-yl)-acetophenone oximes and their silver complexes	T. Sharma, R. Kumar, SC Sahoo, J. Sindhu, SK Mehta, A. Umar, TS Saini, V. Kumar, Ramesh Kataria	Department of Chemistry	Polyhedron	2020 - 2021	0277-5387
The solvent-free one-pot multicomponent tandem polymerization of 3,4-dihydropyrimidin-2(1H)-ones (DHPMs) catalyzed by ionic-liquid@Fe3O4 NPs: the development of polyamide gels	M. Kaur, Mayank, D. Bains, G. Singh, N. Kaur and N. Singh	Department of Chemistry	Polym. Chem.,	2020 - 2021	1759-9954
Covalent attachment of 2D graphene oxide (GO) sheets with poly allylamine (PAA) for enhanced mechanical performance: Theoretical and Experimental study	Suneev Anil Bansal, Sukhbir Singh, Anurag Srivastava, Amrinder Pal Singh, Suresh Kumar	University Institute of Engineering & Technology	Polymer	2020 - 2021	0032-3861
The solvent-free one-pot multicomponent tandem polymerization of 3,4-dihydropyrimidin-2(1H)-ones (DHPMs) catalyzed by ionic-liquid@Fe3O4 NPs: the development of polyamide gels	Kaur, M., Mayank, Bains, D., Singh, G., Kaur, N., Singh, N.	Department of Chemistry	Polymer Chemistry	2020 - 2021	1759-9954
Synergistic Effects of Graphene Nanoplatelets and NH2-MWCNTs on Cryogenic Mechanical Properties of Epoxy Nanocomposites	Navjot Pal Singh, V. K. Gupta, Amrinder Pal Singh, Bharti Sapra	University Institute of Engineering & Technology	Polymer Testing	2020 - 2021	0142-9418
Morphological studies on renewable castor oil-based nanocomposites with modified clay and MWCNTs as fillers	Anupama Mogha, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Polymers and Polymer Composites	2020 - 2021	9673911
Synergistic effect of carbon nanotubes and nano-hydroxyapatite on mechanical properties of polyetheretherketone based hybrid nanocomposites	Kumar M, Kumar R, Kumar S.	University Institute of Engineering & Technology	Polymers and Polymer Composites	2020 - 2021	1478-2391
Migrant Farm Workers in Punjab: A Spatio-Temporal Analysis	Dr. Sucha Singh	University School of Open Learning	Population Geography	2020 - 2021	ISSN: 0256-5331
Tibetan Refugee Population In India	Jaskaran Singh Waraich	Department of Defence and National Security Studies	Population Geography	2020 - 2021	0256-5331
The Insolvency and Bankruptcy Code, 2016: Ushering in a New Era to Resolve Stressed Assets	Manoj Anand and Jagandeep Singh	University Institute of Applied Management Sciences	Prajnan: Journal of Social and Management Sciences olume XLIX, No.3, October-December	2020 - 2021	0970-8448
Archean to Proterozoic (3535-900 Ma) crustal evolution of the central Aravalli Banded Gneissic Complex, NW India: New constraints from zircon U-Pb-Hf isotopes and geochemistry	Kaur, P., Zeh, A. and Chaudhri, N.	Department of Geology	Precambrian Research	2020 - 2021	0301-9268

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New Middle Miocene Ape (Primates: Hylobatidae) from Ramnagar, India fills major gaps in the hominoid fossil record.	Gilbert, C.C., Ortiz, A., Pugh, K.D., Campisano, C.J., Patel, B.A., Singh, N.P., Fleagle, J.G., P	Department of Geology	Proc. R. Soc. B	2020 - 2021	0962-8452
Contribution to the Paleozoic and Mesozoic of the Himalaya	Bhargava, O.N., Singh, B.P., Pandey, B., Ganai, J.A., Bhat, G.M., Prasad, S.K., Rashid, R.A.	Department of Geology	Proceeding Indian National Science Academy	2020 - 2021	0370-0046
Detection of early emphysema regions in HRCT images using Fuzzy-C Mean	Vishraj R., Gupta S., Singh S., Sharma R.	University Institute of Engineering & Technology	Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCIS 2021	2020 - 2021	15505499
Sparse Code based Indexing for Image Retrieval	Sharma S., Gupta V., Juneja M.	University Institute of Engineering & Technology	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	2020 - 2021	15505499
Testing of Location Parameters Against Restricted Alternatives with Optimal Choice of Weights	Narinder Kumar and M. Goyal	Department of Statistics	Proceedings of the National Academy of Science, Section A: Physical Sciences	2020 - 2021	0369-8203
Usage of agarose gel waste for the high yield production of carbon dots and new insight into their toxicological screening	Pooja Chauhan, Savita Chaudhary*, K.K. Bhasin	Department of Chemistry	Process Biochemistry	2020 - 2021	1359-5113
Role of Insulin Signaling in the Pathophysiology of Alzheimer's Disease	Mini Dahiya, Anil Kumar and Monu Yadav	University Institute of Pharmaceutical Sciences	Psychology and Behavioral Science International Journal	2020 - 2021	2474-7688
Facilitating Empowerment of Women through Self Help Groups with Reference to NABARD in Punjab: An Analysis	Dr. Navreet (Co-Author)	Department of Public Administration	Public Affairs and Governance	2020 - 2021	2321-2128
Government-NGO Partnership with Special Reference to the National Policy on the Voluntary Sector, 2007 in the Union Territory of Chandigarh, India	Dr. Bharati Garg	Department of Public Administration	Public Affairs and Governance	2020 - 2021	2321-2128
Police Reforms in Punjab	Prof. Anil Monga (Co-Author)	Centre for Police Administration	Public Affairs and Governance	2020 - 2021	2321-2128
Global and Regional Analysis Regarding BCG Immunization and Severity of Covid-19	Manoj Kumar and Savita Prashar	Centre for Public Health	Public Health Open Access	2020 - 2021	ISSN 2578-5001
PUNJABI SAMAJ SABHIACHAR VICH KAMKAJJI AURAT DE SATHAI	MANJEET KAUR	P.U. Regional Centre, Muktsar	PUNJABI BHASHA, SAHIT ATE SABHIACHAR	2020 - 2021	2371431X

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Academic Procastination in Relation to Metacognition Among Secondary School Students of Punjab	Dr. Manju Gera	University School of Open Learning	Purakala Journal, 31(54), 192-210 in UGC Care List	2020 - 2021	ISSN:09712143
Bapu: Leader of Leaders	Dr. Manish Sharma	Department of Gandhian and Peace Studies	Purva Mimaansaa	2020 - 2021	0976-0237
A comparative study of system size dependence of the effect of non-unitary channels on different classes of quantum states	Geetu	University Institute of Engineering & Technology	Quantum Information Processing	2020 - 2021	1570-0755 / 1573-1332
Reanalyzing the geomorphic developments along tectonically active Soan Thrust, NW Himalaya, India	Kothyari, G.C., Joshi, N, Thakur, M. and Taloor, A. K.,	Department of Geology	Quaternary Advance Sciences	2020 - 2021	2666-0334
Active transfer faulting in the NW Sub-Himalaya (India) observed by space-borne topographic analyses.	Gill, H. S., Singh, T., Singh, S., Kim, J. R., Caputo, R., Kaur, G., Singh, S., & Khosla, A.	Department of Geology	Quaternary International	2020 - 2021	1040-6182.
Geological and geomorphic evidences of neotectonic activity along the Himalayan Frontal Thrust, Nahan Salient, NW Himalaya, India	Thakur, M., Singh, G., and Malik, J.N.	Department of Geology	Quaternary International	2020 - 2021	1040-6182.
Active transfer faulting in the NW Sub-Himalaya (India) observed by space-borne topographic analyses	Gill, H.S., Singh, T., Singh, S., Kim, J- R., Caputo, R., Kaur, G., Singh, S., and Khosla, A	Department of Geology	Quaternary International, Vol No. 585, 15–26	2020 - 2021	1040-6182
Protean Career Orientation and Perceived Employability: The Mediating Role of Career Self-Management	Jasmine Kaur and Sanjay Kaushik	University Business School	Ramanujan International Journal of Business and Research	2020 - 2021	2583-0171
Proteen Career Orientation and Perceived Emplaybilty: The mediating role of career self-management		University Business School	Ramanujan International Journal of Business and Research	2020 - 2021	2455-5959
Customized design and additive manufacturing of kids’ ankle foot orthosis	Banga, H.K., Kalra, P., Belokar, R.M. and Kumar, R.	University Institute of Engineering & Technology	Rapid Prototyping Journal	2020 - 2021	1355-2546
Effects of post curing conditions on the mechanical properties of 3D printed clear dental aligners	P. Jindal, M. Juneja, F. L. Siena, D. Bajaj, P. Breedon	University Institute of Engineering & Technology	Rapid Prototyping Journal	2020 - 2021	1355-2546
A Green and Energy-efficient Photocatalytic Process for accelerated synthesis of Lactic Acid Esters using functionalized quantum dots.	Verma, P., Wanchoo, R. K., & Toor, A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Reaction Chemistry & Engineering.	2020 - 2021	2058-9883
Sequential removal and recovery of cadmium ions (Cd ²⁺) using photocatalysis and reduction crystallization from the aqueous phase	Kumar, V., Wanchoo, R. K., & Toor, A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Reaction Chemistry & Engineering.	2020 - 2021	2058-9883
Grafting Polymers	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Reactive and Functional Polymers	2020 - 2021	1381-5148

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Variational Measure with respect to Measurable Gauges	Surinder Pal Singh Kainth	Department of Mathematics	Real Analysis Exchange (World Scientific)	2020 - 2021	0147-1937
Distinction of two featherback species (Osteoglossiformes: Notopteridae) in India based on scale structure	Y.K.Rawal, O. Dhillon and I.S. Sidhu	Department of Zoology	Records of the Zoological Survey of India	2020 - 2021	ISSN (Online): 2581-8686 ISSN (Print): 0375-1511
The Citizenship (Amendment) Act, 2019: the Conflicting Law	Jai Mala	University Institute of Legal Studies	Remaking: An Analisation vol, 5, issue 8	2020 - 2021	23940344
Role of Gujjar Women in Dairy Sector in Panchkula District in Haryana & Need of Social Work Intervention	Dr. Monica Munjial Singh, Ms. Puneeta Behl	Centre for Social Work	Remarking An Analisation	2020 - 2021	ISSN (E) 24550817 ISSN(P)23940344
Drug Induced psychosis and Criminal Behaviour among young offenders	Dr. Shiv Kumar Dogra	P.U. Regional Centre, Ludhiana	Remrking : An analisation	2020 - 2021	2394-0344
Dosimetric impact of Contrast-Enhanced 4D Computed Tomography for Stereotactic Body Radiation Therapy of Hepatocellular Carcinoma	Dr. Vivek Kumar	Centre for Medical Physics	Reports of Practical Oncology & Radiotherapy, Vol. 25, Issue 4, pp. 667-677, 2020.	2020 - 2021	ISSN: 1507-1367 e-ISSN: 2083-4640
Efficiency of a novel non-monotonic segmented leaf sequence delivery of varianMLC for non-split IMRT fields.	Dr. Vivek Kumar	Centre for Medical Physics	Reports of Practical Oncology and Radiotherapy, Vol. 25, Issue 5, pp. 801-807, 2020.	2020 - 2021	1507-1367
Selenium Ameliorates Ibuprofen Induced Testicular Toxicity by Redox Regulation: Running Head: Se protects against NSAID induced testicular toxicity	Kaushal, Naveen,Parul Sharma, Parminder Kaur, Preety Ghanghas, Jaspreet Kaur	Department of Biophysics	Reproductive Toxicology	2020 - 2021	ISSN:0890-6238E-ISSN:1873-1708

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Analysis of Traffic Noise during Peak Office Hours in Chandigarh, India and its Reduction using Active Noise Control, Res. J. Chem. Env Vol. 25. No. 3, pp. 37-44, March 2021.	manoj Kumar Sharma	University Institute of Engineering & Technology	Res. J. Chem. Env Vol. 25. No. 3, pp. 37-44, March 2021.	2020 - 2021	, Analysis of Traffic Noise during Peak Office Hours in Chandigarh, India and its Reduction using Active Noise Control, Res. J. Chem. Env Vol. 25. No. 3, pp. 37-44, March 2021.
Effect of problem solving strategies on achievement in mathematics in relation to critical thinking	Dr. Ram Mehar and Dr. Gurpreet Kaur	University School of Open Learning	Research and Reflections on Education (UGC Care Journal Group-I)	2020 - 2021	ISSN: 0974-648X
Hyperproduction of laccase by an indigenous species of Pleurotus pulmonarius under solid state fermentation and in vitro potential applications	Deepak K Rahi, Arshdeep Sidhu and Maninderjeet Kaur	Department of Microbiology	Research journal of biotechnology	2020 - 2021	22784553
Biodegradation of malathion using cutinase from a soil isolate of Fusarium sp	Aruna Singh Parmar and Deepak K Rahi	Department of Microbiology	Research journal of life sciences, bioinformatics, pharmaceutical and chemical sciences	2020 - 2021	
Preventive effect of Honey bee propolis on Salmonella enterica serovar Typhimurium infected BALB/c mice: A Hematological Study	Preeti Kalia, Neelima R. Kumar, Kusum Harjai	Department of Microbiology	Research Journal of Pharmacy and Technology	2020 - 2021	09743618, 0974360X
A study on expectation & reality gap for early change of career as hospitality employee	Dr Neeraj Aggarwal	University Institute of Hotel and Tourism Management	Research Journal of Philosophy & Social Sciences	2020 - 2021	0048-7325
Cell Lineage Dependent Apoptotic and Immunomodulatory Signaling Induced By Parthenin Analog P19: An Insight to Molecular Mechanism and Therapeutic Implications	Vishal Sharma, Ajay Kumar, Jagdeep Kaur	Department of Biotechnology	Research square	2020 - 2021	
Synthesis and characterization of Ag metal doped SnO ₂ , WO ₃ and WO ₃ -SnO ₂ for propan-2-ol sensing	Mamta Sharma	University Institute of Engineering & Technology	Results in materials	2020 - 2021	ISSN: 2590-048X

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An Overview of Related Literature of Organistional Citizenship Behaviour P 9-18	Dr. Amritpal Kaur	Institute Of Educational Technology & Vocational Education	Review of Research, Vol. 8 (5), February, 2019	2020 - 2021	2249-894X
Sensitivity of plants to high frequency electromagnetic radiation: cellular mechanisms and morphological changes	Prof Daizy Rani	Department of Botany	Reviews in Environmental Science and Biotechnology	2020 - 2021	1572-9826
Kashmir and Nehru: Contours of a Troubled Legacy	Simrit Kahlon	Department of Geography	Revisiting Nehru in Contemporary India	2020 - 2021	
Protection of Elderly : A Historical Perspective	Dr. Neelam Batra	P.U. Regional Centre, Ludhiana	RGNUL, Law Review	2020 - 2021	22314938
salt tolerance mechanism and approches: future scope of halotolerent genes and rice landraces	Bhatt, T., Sharma, A., Puri, S., Minhas, AP.	University Institute of Engineering & Technology	Rice science	2020 - 2021	1672-6308
Salt Tolerance Mechanisms and Approaches: Future Scope of Halotolerant Genes and Rice Landraces	Tarun Bhatt, Aditi Sharma, Sanjeev Puri, Anu Priya Minhas.	University Institute of Engineering & Technology	Rice science	2020 - 2021	ISSN: 1672-6308
Sex determination from discriminant function analysis of cephalometric measurements of brokpas and purigpas of ladakh (ut): a forensic anthropological study.	Dr. J.S. sehrawat	Department of Anthropology	Rom J Leg Med, 28, 178-188.	2020 - 2021	12218618
Study of low lying states in 69Ga	Shashank Singh, Mumtaz Oswal, Ashok Kumar, Gulzar Singh, K.P. Singh	Department of Physics	Romanian Journal of Physics, (2020)	2020 - 2021	1221-146X
Persulfate-activated charcoal mixture: an efficient oxidant for the synthesis of sulfonated benzo[d][1,3]oxazines from N-(2-vinylphenyl)amides and thiols in aqueous solution	Palani Natarajan, Priya and Deachen Chuskit	Department of Chemistry	RSC Adv., 2021,11, 15573	2020 - 2021	2046-2069
CuAAC-ensembled 1,2,3-triazole-linked isosteres as pharmacophores in drug discovery:review	Alisha Rani, Gurjaspreet Singh, Akshpreet Singh, Ubair Maqbool, Gurpreet Kaur and Jandeep Singh	Department of Chemistry	RSC ADVANCE	2020 - 2021	
Morphology and surface analyses for CH3NH3PbI3 perovskite thin films treated with versatile solvent–antisolvent vapors	Nasir Awol, Chernet Amente, Gaurav Verma and Jung Yong Kim	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	RSC Advances	2020 - 2021	2046-2069
Morphology and surface analyses for CH3NH3PbI3perovskite thin films treated with versatile solvent-antisolvent vapors	Nasir Awol, Chernet Amente, Gaurav Verma, Jung Yong Kim	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	RSC Advances	2020 - 2021	ISSN 2046-2069
Structural evolution of toll-like receptor 7/8 agonists from imidazoquinolines to imidazoles	Deepender Kaushik, Arshpreet Kaur,Nikolai Petrovsky and Deepak B. Salunke	Department of Chemistry	RSC Medicinal Chemistry	2020 - 2021	1065-1120

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Formation of Space, Experience and Thought: A Critical Study of Ambedkar's Biopic Bhim Garjana	Dr.Sudhir Mehra	Department of English & Cultural Studies	Rupkatha Journal	2020 - 2021	(ISSN 0975-2935)
Original Poetry, Sadaneera	Prof. Satyapal Sehgal	Department of Hindi	Sadaneera	2020 - 2021	
Original Poetry, Samalochan	Prof. Satyapal Sehgal	Department of Hindi	Samalochan	2020 - 2021	
Examining the effect of eWOM (Electronic word of mouth) on customer purchase intention through value co-creation pp 70-75	Ankita Sharma S.K	University Institute of Applied Management Sciences	Sambodhi (2020) Vol 43 (4)	2020 - 2021	2249-6661
Real form for Rudra and its signigicance in the Upanishads	Prof. N.C. Panda	Vishveshvaranand Vishwa Bandhu Institute of Sanskrit and Indological Studies	Sanskrit Vangmayi	2020 - 2021	22315799
Energy Efficient Framework for WSN Deployment	Dr. Nidhi Gautam	University Institute of Applied Management Sciences	Saptarishi Publications	2020 - 2021	978-93-93212-13-9
Two-Dimensional Metric Comparisons between Dynamic Bare Footprints and Insole Foot Impressions- Forensic Implications,	Dr. Kewal Krishan	Department of Anthropology	Science & Justice, Elsevier Science, 60(2):145-150.	2020 - 2021	1355-0306
The contact area of static and dynamic footprints - Forensic implications,	Dr. Kewal Krishan	Department of Anthropology	Science & Justice, Elsevier Science.	2020 - 2021	1355-0306
Bloodstain age estimation through Infrared spectroscopy and Chemometric models	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Science & Justice	2020 - 2021	1355-0306
Electronics and material realizations of fractional-order elements	Dr. Roopali Garg	University Institute of Engineering & Technology	Science Direct, Materials Today: Proceedings	2020 - 2021	22147853
Moisture sensitive electrical property measurement in concrete slab with step graded antenna	Dr. Roopali Garg	University Institute of Engineering & Technology	Science Direct, Materials Today: Proceedings	2020 - 2021	22147853
Influence of meteorological parameters and air pollutants on the airborne pollen of city Chandigarh, India.	Suman Mor	Department of Environment Studies	Science of The Total Environment	2020 - 2021	0048-9697
Patterns of plant communities along vertical gradient in Dhauladhar Mountains in Lesser Himalayas in North-Western India	M Ahmad, SK Uniyal, DR Batish, HP Singh, V Jaryan, S Rathe, Kohli, R.K.	Department of Environment Studies	Science of The Total Environment	2020 - 2021	0048-9697
Recent advances in photocatalytic removal of airborne pathogens in air.	Ahmadi, Y., Bhardwaj, N., Kim, K. H., & Kumar, S.	University Institute of Engineering & Technology	Science of The Total Environment	2020 - 2021	0048-9697
UVC-based photoinactivation as an efficient tool to control the transmission of coronaviruses	Bhardwaj, S. K., Singh, H., Deep, A., Khatri, M., Bhaumik, J., Kim, K. H., & Bhardwaj, N.	University Institute of Engineering & Technology	Science of The Total Environment	2020 - 2021	0048-9697
High resolution vehicular PM10 emissions over megacity Delhi: Relative contributions of exhaust and non-exhaust sources.	Suman Mor	Department of Environment Studies	Science of The Total Environment, 699, p.134273.	2020 - 2021	0048-9697

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Climatological trends in satellite-derived aerosol optical depth over North India and its relationship with crop residue burning: rural-urban contrast.	Suman Mor	Department of Environment Studies	Science of The Total Environment, 748, p.140963.	2020 - 2021	0048-9697
Air pollution trend in Chandigarh city situated in Indo-Gangetic Plains: Understanding seasonality and impact of mitigation strategies.	Suman Mor	Department of Environment Studies	Science of The Total Environment, p.138717.	2020 - 2021	0048-9697
Exposure to air pollutants and risk of congenital anomalies: A systematic review and metaanalysis.	Suman Mor	Department of Environment Studies	Science of The Total Environment, p.142772.	2020 - 2021	0048-9697
Transition to Clean Household Energy through an Application of Integrated Model: Ensuring Sustainability for Better Health and Environment.	Suman Mor	Department of Environment Studies	Science of The Total Environment, p.145657.	2020 - 2021	0048-9697
Influence of agricultural activities on atmospheric pollution during post-monsoon harvesting seasons at a rural location of Indo-Gangetic Plain.	Suman Mor	Department of Environment Studies	Science of The Total Environment, 796, p.148903.	2020 - 2021	0048-9697
Industry-Academia R&D Partnerships: Strengthening Indian Innovation Ecosystem. Science Policy Forum	Triakha R.	Centre for Policy Research	Science Policy Forum	2020 - 2021	N/A
Cold priming the chickpea seeds imparts reproductive cold tolerance by reprogramming the turnover of carbohydrates, osmo-protectants and redox components in leaves.	Prof. Harsh Nayyar	Department of Botany	Scientia Horticulturae	2020 - 2021	ISSN: 3044238
Cross-competence and affectivity of maize rhizosphere bacteria Bacillus sp. MT7 in tomato rhizosphere	P Pathania, R Bhatia, M Khatri,	University Institute of Engineering & Technology	Scientia Horticulturae	2020 - 2021	0304-4238
Genomewide characterization and expression analysis suggested diverse functions of the mechanosensitive channel of small conductance-like (MSL) genes in cereal crops.	Kaur, A., Taneja, M., Tyagi, S. Sharma A, Singh K, Upadhyay SK	Department of Biotechnology	Scientific Reports	2020 - 2021	2045-2322
Impact of concurrent diabetes on periodontal health in patients with acromegaly.	Mili Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Scientific Reports	2020 - 2021	ISSN: 2045-2322
Recombinant expression, purification and PEGylation of Paneth cell peptide (cryptdin-2) with value added attributes against Staphylococcus aureus.	Kaur, N., Dilawari, R., Kaur, A., Sahni, G. and Rishi, P.,	Department of Microbiology	Scientific reports	2020 - 2021	2045-2322
Green synthesis of peptide functionalized reduced graphene oxide (rGO) nano bioconjugate with enhanced antibacterial activity	S Joshi, R Siddiqui, P Sharma, R Kumar, G Verma, A Saini	Department of Physics	Scientific Reports 10 (2020) 9441	2020 - 2021	2045-2322

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Genome-wide characterization and expression analysis suggested diverse functions of the mechanosensitive channel of small conductance-like (MSL) genes in cereal crops	Dr. S.K. Upadhyay,Amandeep Kaur, Mehak Taneja, Shivi Tyagi, Alok Sharma, Kashmir Singh	Department of Botany	Scientific Reports 10(1):16583	2020 - 2021	2045-2322
A novel coumarin-tagged ditopic scaffold as a selectively sensitive fluorogenic receptor of zinc (II) ion	A.K.K. Bhasin, Pooja Chauhan, Savita Chaudhary*	Department of Chemistry	Sensors & Actuators: B. Chemical	2020 - 2021	0925-4005
Enhanced sensitivity of Graphene nanoribbon gas sensor for detection of Oxides of Nitrogen using Boron and Phosphorous co-doped system: A First Principles study	Dr. Ramesh K Sharma	University Centre of Instrumentation and Micro-Electronics	Sensors and Actuators A: Physical	2020 - 2021	not known
Study of the effect of orbital on interaction behaviour of SWCNT- Metal Phthalocyanines composites with Ammonia gas.	R.Ridhi, Neeru, Seema Gautam, G.S.S. Saini,S.K.Tripathi,J.S. Rawat,Pika Jha	Department of Physics	Sensors and Actuators B Chemical 337(5):129767 (2021).	2020 - 2021	0925-4005
β -AgVO ₃ nanowires/TiO ₂ nanoparticles heterojunction assembly with improved visible light driven photocatalytic decomposition of hazardous pollutants and mechanism insight	A Kaur, SK Kansal, A Umar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Separation and Purification Technology	2020 - 2021	1383-5866
Ring Opening of Epoxides and Aziridines with Benzotriazoles using Magnetically Retrievable Graphene Based (CoFe@rGO) Nanohybrid	Ankush Sheoran , Jaspreet Kaur , Jyoti Agarwal , Sonal Singhal	Department of Chemistry	Sheoran, Ankush and Kaurb, Jaspreet and Agarwal, Jyoti and singhal, sonal, Ring Opening of Epoxides and Aziridines with Benzotriazoles Using Magnetically Retrievable SSRN: https://ssrn.com/abstract=3	2020 - 2021	2365-6549
laghu kathaoo ka sundar gudasta Aastha ke phool	Prof. Neeru	University School of Open Learning	Shodh Disha	2020 - 2021	ISSN No, 0975-735X
Mahanagariya Apradhikaran ki drishti se Madhu Kankriyan ka Katha Sahitya	Neeraj Jain	Department of Evening Studies	Shodh Disha	2020 - 2021	0975-735X
Mahanagriya apradhikaran ki dirшти se madhkankriya ka kata sahitaya	Neeraj Jain	Department of Evening Studies	Shodh Disha	2020 - 2021	0975-735X
Financial Infrastructure, Governance and Economic Growth in BRICS Economies: An ARDL Approach	Sunita AND Meena Sharma	University Business School	SHODH Sanchar	2020 - 2021	NA
Development of Capacity Building skills Scale for College Teachers	Dr. Kuljeet Kaur	University School of Open Learning	Shodh Sanchar Bulletin	2020 - 2021	ISSN: 2229-3620

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Effect of Synectic model on achievement in English in relation to cognitive styles	Chahal, G. and Kaur, K.	Institute Of Educational Technology & Vocational Education	Shodh Sanchar Bulletin	2020 - 2021	2229-3620
Role of Police in Covid 19 situation : Various Context	Dr. A Kumar	University School of Open Learning	Shodh Sanchar Bulletin	2020 - 2021	ISSN No. 2229-3620
Social Equity through Good Governance: Indian Experience	Dr.Rajnish Saryal	P.U. Regional Centre, Ludhiana	Shodh Sanchar Bulletin	2020 - 2021	2229-3620
Effect of computer based interactive simulation teaching on achievement in Biology in relation to attitude towards Biology	Dr. Ram Mehar and Neelu Arora	University School of Open Learning	Shodh Sanchar Bulletin (UGC Care Journal Group-I)	2020 - 2021	ISSN: 2229-3620
Management of mental health and well-being during crisis of Covid-19 Pandemic	Dr. Ram Mehar and Neelu Arora	University School of Open Learning	Shodh Sanchar Bulletin (UGC Care Journal Group-I)	2020 - 2021	ISSN: 2229-3620
Understanding Gender,caste and Development in Dalit Diaspora	Amandeep	Department of Evening Studies	shodh Sanchar Bulletin jan-march 2021	2020 - 2021	2229-3620
Impact of Subjective Well Being on Organizational Citizenship Behaviour in Banking Sector in Northern India	amank@pu.ac.in	University Institute of Applied Management Sciences	Shodh sarita	2020 - 2021	2348-2397
Distance learners perceptions about the student support services.	Dr. Kuljeet Kaur	University School of Open Learning	Shodh Sarita	2020 - 2021	ISSN: 2348-2397.
An analysis of occupational stress as perceived by high and higher secondary school teachers	Kuljeet kaur	University School of Open Learning	Shodh Sarita	2020 - 2021	. ISSN: 2229-3620
Assessment of types, attitude and food habits among students(18-25 years) with food allergies in panjab university, Chandigarh	Dr. Anish Slath	University Institute of Hotel and Tourism Management	Shodh Sarita	2020 - 2021	23482397
Availability of Infrastructure and Human Resources in Primary Health Centres in Panchkula District, Haryana, India: Field-Based Observations	Preeti, Bhutani, S.	Department of Geography	Shodh Sarita	2020 - 2021	ISSN- 2348-2397
Development of Metacognitive Instructional Programme for students with Dyscalculia	Dr. Rekha Rani	Institute Of Educational Technology & Vocational Education	Shodh Sarita	2020 - 2021	2348-2397
Drinking Water Supply at Panchayat Level: A case Study of Padhiun Panchayat, District Mandi, Himachal Pradesh	Navneet Kaur	Department of Geography	Shodh Sarita	2020 - 2021	2348-2397
Effect of Social Skills Training Programme on Social Competence of Elementary School Students	Dr. Rekha Rani	Institute Of Educational Technology & Vocational Education	Shodh Sarita	2020 - 2021	2348-2397
Effectiveness of Synectic model in fostering the skill of elaboration of creativity among school students in teaching of English	Chahal, G. and Kaur, K.	Institute Of Educational Technology & Vocational Education	Shodh Sarita	2020 - 2021	2348-2397

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Emerging Role of NGOs in Corporate Social Responsibility in India: A Case Study of Help Age India	Dr. Purva Mishra	University School of Open Learning	Shodh Sarita	2020 - 2021	ISSN 2348-2397
FOOD SECURITY IN INDIA: STATUS AND KEY ISSUES	Dr. Jaswinder Kumar	University Institute of Hotel and Tourism Management	SHODH SARITA	2020 - 2021	2348-2397
Historical Background of Primary Education In India: At A Glance	Dr. Rajni	University School of Open Learning	Shodh Sarita	2020 - 2021	ISSN No. 2348-2397
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Effect of flipped classroom model on student engagement in mathematics in relation to critical thinking	Dr. Ram Mehar and Dr. Gurpreet Kaur	University School of Open Learning	Shodh Sarita (UGC Care list Group-I)	2020 - 2021	ISSN: 2348-2397
Rural Agricultural Labour in Punjab: A Spatio-Temporal Analysis	Dr. Sucha Singh	University School of Open Learning	Shodh Sarita (UGC-CARE List Journal with ISSN: 2348-2397) Discontinued in April, 2021	2020 - 2021	ISSN: 2348-2397
Assessment of types, Attitude and Food habits among students (18-25 years) with food allergies in Panjab University, Chandigarh	Dr. Neeraj Aggarwal	University Institute of Hotel and Tourism Management	SHODH SARITA JOURNAL OF ARTS, HUMANITIES AND SOCIAL SCIENCES	2020 - 2021	2348-2397
An Insight on Relevance of Social Media Platforms in Consumer Purchase Decision Pp 205-11	Menka Sanjeev K. Sharma	University Institute of Applied Management Sciences	Shodh Sarita Vol 7(26) (2020)	2020 - 2021	2348-2397
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Politics of the Cyberspace : A study of select dalit activist blogs and websites	Dr. Ravinder Dhaliwal	University School of Open Learning	Shodhsamhita	2020 - 2021	ISSN No. 2277-7067
Article 33, Armed Forces and the Judicial Attitude: An Appraisal	Prof.(Dr.) Harmeet Singh Sandhu	P.U. Regional Centre, Ludhiana	Shree Ram the Law	2020 - 2021	ISSN 2319-3735
Farmer's Movement in Punjab: Consciousness and Politics	Surinder Singh	P.U. Rural Centre, Kauni, Muktsar	Sikh Research Journal	2020 - 2021	2149-0406

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In1 – xGaxAs Double Metal Gate-Stacking Cylindrical Nanowire MOSFET for Highly Sensitive Photo Detector	Dr. Balwant Raj	P.U. S.S. Giri Regional Centre, Hoshiarpur	Silicon, Springer	2020 - 2021	Print ISSN 1876-990X, Electronic ISSN 1876-9918
Relevance of Fundametal Duties	Prof. (Dr.) Arti Puri	P.U. Regional Centre, Ludhiana	SIMLAW Journal of H.P University Law Academia	2020 - 2021	NA
Drug Abuse and Juvenile Delinquency in Punjab:An Empirical Study	Dr. Shiv Kumar Dogra	P.U. Regional Centre, Ludhiana	SIMLAW Journal of H.P. University Law Academia	2020 - 2021	----
Relevance of Fundamental Duties	Prof. Arti Puri	P.U. Regional Centre, Ludhiana	SIMLAW Journal of H.P. University Law Academia	2020 - 2021	
Media Trial-An Obstacle in Fair judicial Process	Dr. Vaishali Thakur	P.U. Regional Centre, Ludhiana	SIMLAW JOURNAL OF HP UNIVERSITY LAW ACADEMIA	2020 - 2021	
Smartphones as Chemometric applications	Vishal Sharma	Institute of Forensic Science & Criminology	Smartphone-Based Detection Devices	2020 - 2021	9780128236963, 9780128236970
Comparison of ambient air pollution levels of Amritsar during foggy conditions with that of five major north Indian cities: multivariate analysis and air mass back trajectories	. R. Yadav, M. S Bhatti, S. K Kansal, L. Das, V. Gilhotra, A.Sugha, D.Hingmire, S. Y, A. Tandon, R.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	SN Applied Sciences	2020 - 2021	2523-3971
Benchmarks for Designing a Secure Devanagari CAPTCHA	Mohinder Kumar,Manish Kumar	P.U. Regional Centre, Muktsar	SN Computer Science	2020 - 2021	2661-8907
Sagacity of Judiciary's Intrusion in Arbitration: A Profound Vision	Rattan Singh	University Institute of Legal Studies	SOCLAW The Journal of HPUILS, Volume – I	2020 - 2021	
Reforms in Education and Effective Transformation	Dr.Md Saifur Rahman	Department of Community Education & Disability Studies	SODH SANCHAR Bulletin (UGC CARE LISTED JOURNAL) An International Bilingual Peer Reviewed Refereed Research Journal	2020 - 2021	ISSN - 2229-3620
Teacher Preparation for Inclusive Education	Dr. Md Saifur Rahman	Department of Community Education & Disability Studies	SODH SARITA (UGC Approved CARE LISTED JOURNAL) An International Bilingual Peer Reviewed Refereed Research Journal	2020 - 2021	2348-2397,
An intrinsic authorship verification technique for compromised account detection in social networks	Kaur R., Singh S., Kumar H.	University Institute of Engineering & Technology	Soft Computing	2020 - 2021	14327643

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Adsorption dynamics of thermoresponsive microgels with incorporated short oligo(ethylene glycol) chains at the oil–water interface	Abhijit Dan, Steffen Bochenek, Walter Richtering	Department of Chemistry	Soft Matter	2020 - 2021	1744-683X (print) 1744-6848 (web)
Short oligo(ethylene glycol) chain incorporated thermoresponsive microgels: from structural analysis to modulation of solution properties	Priyanshi Agnihotri, Ritu Raj, Dinesh Kumar, Abhijit Dan	Department of Chemistry	Soft Matter	2020 - 2021	1744-683X (print) 1744-6848 (web)
Temperature- and pH-responsive poly(N-isopropylacrylamide-co-methacrylic acid) microgels as a carrier for controlled protein adsorption and release	Priyanshi Agnihotri, Sangeeta, Shikha Aery, Abhijit Dan	Department of Chemistry	Soft Matter	2020 - 2021	1744-683X (print) 1744-6848 (web)
Non-linear temperature dependent phononic response of epitaxial lanthanum nickelate thin film	Sunil K. Arora	Centre for Nanoscience and Nanotechnology	Solid State Communications	2020 - 2021	1879-2766
A Parametric Based Watermarking Technique for Detecting False Data Injection Attacks in Heterogeneous Wireless Sensor Networks	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	Solid State Technology	2020 - 2021	0038-111X
Impact of False Data Injection Attack on clustering protocols in Wireless Sensor Networks	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	Solid State Technology	2020 - 2021	0038-111X
Real-Time Temperature Analysis on Covid-19	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	Solid State Technology	2020 - 2021	0038-111X
Exploring the antiplasmodal efficacy of erucic acid and its derivative isolated from Thlaspi arvense D. C. (Brassicaceae)	Neha Sylvia Walter, Varun Gorki, Rahul Singh, Deepak B. Salunke, Sukhbir Kaur	Department of Chemistry	South African Journal of Botany	2020 - 2021	158-166
Maternal Healthcare in Rural Uttarpradesh: Influence of Free Services on Healthcare-Seeking Behaviour of Women	Dr. Lakshmi and Prof Manvinder Kaur	Department Cum Centre for Women Studies & Development	South Asia Research	2020 - 2021	NA
COVID 19 Pandemic and its implications on society, polity and economy in contemporary India	Dr. Sujit Lahiry	P.U. Regional Centre, Muktsar	South Asian Journal of Socio Political Studies	2020 - 2021	ISSN 0972-4613
Forensic examination of thermal papers using Video Spectral Comparator (VSC) and ATR-FTIR spectroscopy coupled with chemometrics: Non-destructive approach	Shweta Sharma	Institute of Forensic Science & Criminology	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2020 - 2021	1386-1425
On the IR spectroscopy and chemometric based rapid and non-destructive method for the investigation of sunscreen stains: Application in forensic science	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2020 - 2021	1386-1425
Mapping routine measles vaccination in low- and middle-income countries.	Dr. Kewal Krishan	Department of Anthropology	Springer Nature	2020 - 2021	1476-4687
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Gunshot Wounds Forensic Pathology	Dr Kewal Krishan	Department of Anthropology	StatPearls Publishing	2020 - 2021	
Short Stature.	Dr Kewal krishan	Department of Anthropology	StatPearls Publishing.	2020 - 2021	
Abrasion	Dr Kewal Krishan	Department of Anthropology	StatPearls Publishing; 2020	2020 - 2021	
McNemar, Mann-Whitney U Tests	Dr Kewal Krishan	Department of Anthropology	StatPearls.	2020 - 2021	
	Dr Kewal Krishan	Department of Anthropology	StatPearls. Treasure Island (FL)	2020 - 2021	
Test of equality of hazards quantile functions	Pooja Soni Isha Diwan Kanchan Jain	University Business School	Stats and Application	2020 - 2021	24547395
Role of non-conventional hydrogen bonding in controlling regioselectivity for nucleophilic aromatic substitution of 4,6-dinitroisindoline-1,3-dione with 1,2,3-triazole isomers: a computational-studies	Amrit Singh, Amritpal Singh, Amanjot, Kulvinder Singh, Gurjaspreet Singh, Amandeep Saroa	Department of Chemistry	Structural Chemistry	2020 - 2021	
Climate Change and India-Iran Relations: Exploring the New Avenues of Cooperation	Dr.Rajnish Saryal	P.U. Regional Centre, Ludhiana	Studies in Indian Place Names	2020 - 2021	2394-3114
Contemplating About the Efficacy of Adolescent Education Program: Awareness Concerning HIV AIDS Among Trained Nodal Teachers of Chandigarh.	Aggarwal, S., Zarabi, D.	Department of Community Education & Disability Studies	Studies in Indian Place Names	2020 - 2021	2394-3114
Contemplating about the efficacy of Adolescent Education Programme: Awareness concerning HIV AIDS among TRained Nodal Teachers of Chandigarh.	Aggarwal, S., Zarabi, D.	Department of Community Education & Disability Studies	Studies in Indian Place Names	2020 - 2021	ISSN 2394-3114
Contemplating about the efficiency of adolescent Education Program: Awareness concerning HIV AIDS among Trained Nodal teachers of Chandigarh	Shelly Aggarwal and Dazy Zarabi	Department of Community Education & Disability Studies	Studies in Indian Place Names, vol. 40	2020 - 2021	ISSN 2394-3114
Ruminating about the Panoramic view of Sustainable Development Goal of Proving Quality Education	Shelly Aggarwal and Dazy Zarabi	Department of Community Education & Disability Studies	Studies in Indian Place Names, vol. 40	2020 - 2021	ISSN 2394-3114
The Economic Consequences of PM Modi	Singh, Paramjit	Department of Economics	Studies in Political Economy, Vol. 101, No. 2	2020 - 2021	ISSN 07078552
Design of Multi-Epitope Subunit Vaccine for Salivary Proteins of Aedes Aegypti: An Immuno-Informatics Approach	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Sumerianz Journal of Medical and Healthcare	2020 - 2021	2706-8404
Network-Centric Identification of Disease Co-Occurrences: A Systems Biology Approach	Dr. Tammanna R.Sahrawat	Centre for System Biology & Bioinformatics	Sumerianz Journal of Medical and Healthcare,	2020 - 2021	2706-8404

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USING GANDHIAN PERSPECTIVE IN EDUCATION TO MEET 21ST CENTURY CHALLENGES	Dr. Ram Mehar	University School of Open Learning	SUSTAINABLE DEVELOPMENT, GANDHIAN LEGACY AND 21ST CENTURY CHALLENGES	2020 - 2021	978-81-948287-3-0
Cost evaluation of different household fuels and identification of the barriers for the choice of clean cooking fuels in India.	Suman Mor	Department of Environment Studies	Sustainable Cities and Society, 52, p.101825.	2020 - 2021	2210-6707
Does airborne pollen influence COVID-19 outbreak?	Suman Mor	Department of Environment Studies	Sustainable Cities and Society, 70, p.102887.	2020 - 2021	2210-6707
Evaluating the sustainability pillars of energy and environment considering carbon emissions under machining of Ti-3Al-2.5 V	Dr. Manu Dogra, Associate Prof. (M.E)	P.U. S.S. Giri Regional Centre, Hoshiarpur	Sustainable Energy Technologies and Assessments, Volume 42,	2020 - 2021	2213-1388
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Intermolecular Nucleophilic Addition Reaction of C-7 Anions from N-bis(dimethylamino)phosphinoyl Indoles to Electrophiles/Arynes: Synthesis of 7-Substituted Indoles.	Esha Sharma, Manjot Kaur, Babaldeep Kaur, Amarjit Kaur, Paramjit Singh, Kamal Nain Singh	Department of Chemistry	Synlett	2020 - 2021	0936-5214
Stereoselective synthesis of trans-3- functionalized-4- pyrazolo[5,1-b]thiazole-3- carboxylate substituted β - lactams: Potential synthons for diverse biologically active agents	Shiwani Berry, Shamsher Bari, Pooja Yadav, Ankita Garg, Sadhika Khullar, Sanjay K. Mandal & Aman Bhalla	Department of Chemistry	Synthetic Communications	2020 - 2021	0039-7911
Sensing platform for pico-molar level detection of ethyl parathion using Au–Ag nanoclusters based enzymatic strategy	Nishima	University Institute of Engineering & Technology	Talanta	2020 - 2021	ISSN: 00399140
Spatial Patterns of Occupational Structure in Medium Sized Towns of Haryana, 2011	Singh, Ranvir and Kalotra, Gaurav	Department of Geography	Tathapi	2020 - 2021	2320-0693
Compound with Possible N $\rightarrow$ N Coordination Bond: Synthesis, Crystal Structure and Electronic Structure Analysis	Tejender Singh, Subash C. Sahoo, Prasad V. Bharatam	Department of Chemistry	Tetrahedron Letters, 2021, 153246	2020 - 2021	0040-4039
Null Subsets of All Sizes Inside Vitali Sets	Surinder Pal Singh Kainth	Department of Mathematics	The American Mathematical Monthly	2020 - 2021	0002-9890

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Perfect Metric Spaces of Increasingly Large Cardinality,	Surinder Pal Singh Kainth	Department of Mathematics	The American Mathematical Monthly	2020 - 2021	0002-9890
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Telling a Tale	Prof. Ashutosh Kumar	Department of Political Science	The Book Review	2020 - 2021	June 2021, volume 45, No 6
Double-diffusive instability of Casson nanofluids with numerical investigations for blood-based fluid	Jyoti Sharma	University Institute of Engineering & Technology	The European Physical Journal Special Topics	2020 - 2021	Electronic ISSN: 1951- 6401 Print ISSN 1951- 6355
Narratives of a place named Ellora: Myths, culture and politics	Mahesh Sharma	Department of Evening Studies	The Indian Economic & Social History Review	2020 - 2021	DOI: 10.1177/0019 464620982259
Narratives of a Place-name Ellora: Myths, Culture and Politics	Mahesh Sharma	Department of Evening Studies	The Indian Economic and Social History Review	2020 - 2021	00194646, 09730893
Depreciation and Trade Deficits in India: Problems of Foreign Exchange and Domestic Industrialisation Base	Padhi, S.P.	Department of Economics	The Indian Economic Journal Vol. No. 67 , issue no. 3-4	2020 - 2021	0019-4662
Spatio-Temporal Diffusion of Nursing Institutes in Punjab, India	Amandeep, Kaur., Bhutani, S.	Department of Geography	The Indian Geographical Journal	2020 - 2021	ISSN 0019- 4824
A comparative study of sewing practices by working and non-working women of Chandigarh	Dr Anu H. Gupta	University Institute of Fashion Technology & Vocational Development	The Indian Journal of Home Science	2020 - 2021	0970-2733
EMPLOYEE CREATIVITY: SCALE CONSTRUCT AND VALIDATION	Prof. (Dr.) Sanjay Kaushik & Ms. Manveen Kaur	University Business School	The International journal of analytical and experimental modal analysis	2020 - 2021	0886-9367
Applications of tpsDig2 Software in Nasal Angle Measurements	Dr Kewal Krishan	Department of Anthropology	The Journal of Craniofacial Surgery	2020 - 2021	1049-2275
Estimation of sex from dental arch dimensions:	Dr. Kewal Krishan	Department of Anthropology	The Journal of Craniofacial Surgery	2020 - 2021	1049-2275
Evaluation of Morphological Characteristics of the Human Ear in Young Adults of North India- An Anthroposcopic Study	Dr. Ramesh Sahani	Department of Anthropology	The Journal of Craniofacial Surgery	2020 - 2021	1049-2275

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Evaluation of morphological characteristics of the human ear in young adults, The Journal of Craniofacial Surgery	Dr. Kewal Krishan	Department of Anthropology	The Journal of Craniofacial Surgery, 31(6):1692-1698, September 2020, Wolters Kluwer,	2020 - 2021	1049-2275
First evidence of late Paleoproterozoic/early Mesoproterozoic sediment deposition and magmatism in the central Aravalli orogen (NW India)	Kaur, P., Zeh, A., Chaudhri, N. and Tiwana, J.K.	Department of Geology	The Journal of Geology	2020 - 2021	00221376, 15375269
An Evaluative Study of Public Private Partnership Model for Infrastructure Development in Punjab with Reference to Ludhiana Bus Terminal Project	Dr. Navreet (Co-Author)	Department of Public Administration	The Journal of Institute of Public Enterprises	2020 - 2021	0971-1864
Quercetin alleviates cognitive decline in ovariectomized mice by potentially modulating histone acetylation homeostasis	Prof. Rajat Sandhir	Department of Biochemistry	The Journal of Nutritional Biochemistry	2020 - 2021	ISSN:0955-2863E- ISSN:1873-4847
Ant facilitated pollination of Herminium lanceum (Thumb. ex Sw.) Vujik (Orchidaceae)-an endangered terrestrial orchid of NorthWestern Himalayas	Prakash, Ankush and Promila Pathak	Department of Botany	The journal of orchid society of India	2020 - 2021	0971-5371
Dactylorhiza umbrosa (Kar. & amp; Kir.) Nevski- A new record from Nubra Valley, Ladakh (U.T.) , India	Pratibha and Promila Pathak	Department of Botany	The journal of orchid society of India	2020 - 2021	0971-5371
Effects of different concentrations of npk on vegetative growth parameters of a floriculturally important epiphytic orchid, Dendrobium chrysanthum wall. Ex lindl	Prakash Ankush and Promila Pathak	Department of Botany	The journal of orchid society of India	2020 - 2021	0971-5371
Assessment of E-Readiness Amongst citizen with special context of government e-services: A case of tricity	Dr Upasna Joshi Sethi	University Institute of Applied Management Sciences	The journal of oriental research madras	2020 - 2021	0022-3301
Evaluation of Traditional Drinking Water Sources in Himachal Pradesh: A Case Study of Suketi River Basin	Navneet Kaur	Department of Geography	The Journal of Oriental Research Madras	2020 - 2021	0022-3301
Mitigating The Impact of Covid-19 and Evaluating the Marketing Strategies for Fashion	NIDHI GAUTAM	University Institute of Applied Management Sciences	The Journal of Oriental Research Madras	2020 - 2021	223301
Women Workforce Participation in India	Dr. Upasna Joshi	University Institute of Applied Management Sciences	The Journal Of Oriental Research Madras	2020 - 2021	ISSN: 0022-3301
The Politics of Foreign Aid in Afghanistan'	Sharma, Smita and Mohd. Yonus Amiri	Department of Economics	The Journal of Oriental Research Modren Vol. XCII-III, March	2020 - 2021	ISSN 00223301

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Expression of miR-18a-5p, miR-144-3p, and miR-663b in colorectal cancer and their association with cholesterol homeostasis	Prof. Navneet Agnihotri	Department of Biochemistry	The Journal of Steroid Biochemistry and Molecular Biology	2020 - 2021	ISSN :0960-0760
Ethnomedicinal status and pharmacological profile of some important orchids of Uttarakhand (NorthWestern Himalayas), India	Balkrishna Acharya, Rajesh Juyal , Reema Devi , Jitender Kumar , Ankush Prakash , Promila Pathak , V	Department of Botany	The Journal of the Orchid Society of India	2020 - 2021	0971-5371
Good agricultural practices of Dendrobium orchids	De, L.C. and Promila Pathak	Department of Botany	The Journal of the Orchid Society of India	2020 - 2021	0971-5371
In Vitro Propagation of Herminium Lanceum (Thunb. ex Sw.) Vuijk (Orchidaceae), through asymbiotic seed germination: a therapeutically important and endangered orchid from Northwestern Himalayas	Thakur, Babita and Promila Pathak	Department of Botany	The journal of the orchid society of india	2020 - 2021	0971-5371
Medicinal orchids of Shimla hills, Himachal Pradesh (NorthWestern Himalayas), threats, and conservation measures	Kumari, Anamika and Promila Pathak	Department of Botany	The Journal of the Orchid Society of India	2020 - 2021	0971-5371
Micropropagation of Coelogyne fimbriata Lindl. using pseudobulb explants	Anuprabha and Promila Pathak	Department of Botany	The Journal of the Orchid Society of India	2020 - 2021	0971-5371
Regeneration Competence of Leaf Explants in Cymbidium eburneum Lindl. (Orchidaceae).)	Dr. Jaspreet Kaur	Department of Botany	The Journal of The Orchid Society of India	2020 - 2021	ISSN: 0971-5371
Substratum analysis of some therapeutically significant and/or endangered orchids of Shimla hills (himachal pradesh), NorthWestern Himalayas and their conservation	Lal Roshan and Promila Pathak	Department of Botany	The Journal of the Orchid Society of India	2020 - 2021	0971-5371
The Budding Potential of orchids in the Cosmeceutical Sector: Role of orchids in skincare and health	Sharma, Aakanksha and Promila Pathak	Department of Botany	The Journal of The orchid society of India	2020 - 2021	0971-5371
Five insights from the Global Burden of Disease Study 2019	Dr. Kewal Krishan	Department of Anthropology	The Lancet 2020; 396 (10258):1135-1159. doi:10.1016/S0140-6736(20)31404-5.	2020 - 2021	0140-6736
GBD 2019 Diseasea systematic analysis for the Global Burden of Disease Study 2019, s and Injuries Collaborators (2020). Global burden of 369 diseases and injuries, 1990–2019:	Dr. Kewal Krishan	Department of Anthropology	The Lancet 2020; 396 (10258):1204-1222.	2020 - 2021	0140-6736

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Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019	Dr. Kewal Krishan	Department of Anthropology	The Lancet 2020; 396 (10258):1223-1249. doi:10.1016/S0140-6736(20)30752-2.	2020 - 2021	0140-6736
Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019.	Dr. Kewal Krishan	Department of Anthropology	The Lancet 2020; 396 (10258):1250-1284, doi:10.1016/S0140-6736(20)30750-9,	2020 - 2021	0140-6736
Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000–17	Dr. Kewal Krishan	Department of Anthropology	The Lancet Global Health 2020 August, 8(8): E1031-1061. DOI: https://doi.org/10.1016/S2214-109X(20)30230-8	2020 - 2021	0140-6736
Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries 2000–17	Dr. Kewal Krishan	Department of Anthropology	The Lancet Global Health 2020, September; 8(9):E1162-E1185, doi:10.1016/S2214-109X(20)30278-3	2020 - 2021	0140-6736
Use of Assistive Technology for Learning Disabled Children: A Review Study	NITIN RAJ	Department of Community Education & Disability Studies	The Multidisciplinary Scientific Reviewer	2020 - 2021	ISSN 2393-9893
Death rituals and afterlife the Ao- Naga boatman of the dead in Temsula Aos poems and the greek mythological character of Charon	Dr. Harpreet Kaur Vohra	P.U. Regional Centre, Ludhiana	The NEHU Journal	2020 - 2021	0972-8406
The Lantern From the Hills	Prof. Satyapal Sehgal	Department of Hindi	The Tribune, Chandigarh, Spectrum, Dec 20, 2020, page2	2020 - 2021	
Citizenship (Amendment) Act, 2019: An Analytical Glance and Glimpse	Bharat (1st author)	University Institute of Legal Studies	theJournal of Army Institute of Law	2020 - 2021	0975-8208
India and Trade Blocs: A Gravity model Analysis	Padhi, S.P. (with Arjun Singh as lead author)	Department of Economics	Theoretical and Applied Economics, Asociatia Generala a Economistilor din Romania – AGER, no. 4 (625)	2020 - 2021	
Democracy in World Bank in the era of Global Governance	Dr. A Kumar	University School of Open Learning	Third Concept An International Journal of Ideas	2020 - 2021	ISSN No. 0970-7247
Exploring Tourist's Perception on Technology Acceptance Model on Public Bike Sharing System	Dr. Nidhi Gautam	University Institute of Applied Management Sciences	Tourism Innovations	2020 - 2021	2278-8379
Health Tourism – India As One of the Favorite Destinations for Tourists	Arun Singh Thakur	University Institute of Hotel and Tourism Management	Tourism Innovations	2020 - 2021	2278-8379
Indian Spices for the Prevention of Obesity	Mr. jaswinder Singh	University Institute of Hotel and Tourism Management	Tourism Innovations	2020 - 2021	2278-8379

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Opportunities and Challenges of Entrepreneurial Ventures in Rural Hills: 1-6 A Study of Shiv-Nagar Village at Dharamshala	Arun Singh Thakur	University Institute of Hotel and Tourism Management	Tourism Innovations	2020 - 2021	2278-8379
The Role of Destination Image in Incentive Travel: A Review and Discussion.	Prashant Gautam	University Institute of Hotel and Tourism Management	Tourism Innovations	2020 - 2021	2278-8379
Trends in Contemporary Corporate Social Responsibility (CSR) Practices: Empirical Evidences from Indian Tourism and Hospitality Sector	Mr. Jaswinder Singh	University Institute of Hotel and Tourism Management	Tourism Innovations	2020 - 2021	2278-8379
Urban Heritage Tourism: A Perspective of Community as A Major Stakeholder	Prashant Kumar Gautam	University Institute of Hotel and Tourism Management	Tourism Innovations	2020 - 2021	2278- 8379
Nanoparticles as fingerprint sensors	Vishal Sharma	Institute of Forensic Science & Criminology	TrAC Trends in Analytical Chemistry	2020 - 2021	0165-9936
Characterization, Fabrication and Dry Sliding Wear Analysis of Hybrid Aluminium 6061 Composite	A. Awasthi , N. Panwar, M. Pant , S. Bala , M. D. Sharma, A. Chauhan	University Institute of Engineering & Technology	Tribology in Industry (In press)	2020 - 2021	Vol. 43, No. 4 (2021) 643-653
Effect of TiO2 and CuO Based Nanolubricants on the Static Thermal Performance of Circular Journal Bearings	R.K. Danga , S.S. Dhamib , D. Goyalc , A. Chauhan	University Institute of Engineering & Technology	tribology in Industry (In press)	2020 - 2021	Vol. 43, No. 3 (2021) 420-433
Convolutional Neural Network Based Advertisement Classification Models for Online English Newspapers	Pooja Jain Kavita Taneja, Harmunish Taneja	Department of Computer Science & Applications	Turkish Journal of Computer and Mathematics Education	2020 - 2021	1309-4653
Multi Criteria Decision Making (MCDM) based preference elicitation framework for life insurance recommendation system	Asha Rani, Kavita Taneja, Harmunish Taneja	Department of Computer Science & Applications	Turkish Journal of Computer and Mathematics Education	2020 - 2021	1309-4653
Board Characteristics And Performance Of Banks- Evidence From India	Dr. Monika Aggarwal Poonam Jaswal	University Institute of Applied Management Sciences	Turkish Journal of Computer and Mathematics Education Vol. 12 No. 12 (2021)	2020 - 2021	1723-1733
Changing Face Of The Apparel Industry By Incorporating Industry 4.0 And Paving Way For Industry	NIDHI GAUTAM	University Institute of Applied Management Sciences	Turkish Online Journal of Qualitative Inquiry	2020 - 2021	1309-6591
Changing Face Of The Apparel Industry By Incorporating Industry 4.0 And Paving Way For Industry 5.0	Dr. Nidhi Gautam	University Institute of Applied Management Sciences	Turkish Online Journal of Qualitative Inquiry	2020 - 2021	1309-6591
Understanding the Need for Faster Digital Transformation in Tourism as a Result of Growing Technology Usage among the Tourists	Prashant Gautam	University Institute of Hotel and Tourism Management	Turkish Online Journal of Qualitative Inquiry (TOJQI)	2020 - 2021	13096591

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The National Education Policy, 2020: Thrust on Entrepreneurship	Bharat	University Institute of Legal Studies	UGC CARE Listed Panjab University Research Journal (Arts) Volume XLVIII,	2020 - 2021	0970-5260
Prepared or Scared? Awareness of Dental Practitioners about nCovid-19	Vandana Chhabra	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	university journal of maxillofacial surgery and oral sciences - 2021; volume 1, issue 2	2020 - 2021	.
Industry 4.0, Online Education and Telework Culture	jagdish rai	Institute of Forensic Science & Criminology	UNIVERSITY NEWS	2020 - 2021	0566-2257
Quality Enhancement of Higher Education Academia through 'Veil of Ignorance' UNIVERSITY NEWS November 15-21 2021, 59(46), page 27-28.	Jagdish Rai	Institute of Forensic Science & Criminology	UNIVERSITY NEWS	2020 - 2021	0566-2257
Bhartiya Darshan ki upaniveshik samaj ka vaicharik sankat (भारतीय दर्शन की उपनिवेशिक समझ का वैचारिक संकट)	Dr Pankaj Srivastava	Department of Philosophy	UNMEELAN (उन्मीलन)	2020 - 2021	0974-0053
Exotic avenue plantations turning foe: Invasive potential, distribution and impact of Broussonetia papyrifera in Chandigarh, India	Maan, I., Kaur, A., Singh, H.P., Batish, D.R., Kohli, R.K.	Department of Botany	Urban Forestry and Urban Greening	2020 - 2021	16188667
Murasilaat	Dr. Ali Abbas	Department of Urdu	Urdu Book Reivew	2020 - 2021	9719288
Abdul Rashid Rahgeer Ka Noval Aur Afsanay Ka Tanqeedi Mutalia	Mohd. Shareef	Department of Urdu	Urdu Scholars Ki Duniya	2020 - 2021	2320-5369
Basti Intizar Hussain	Zaheer Haider	Department of Urdu	Urdu Scholars ki Duniya	2020 - 2021	2320-5369
Molana Hamidulla Ansari Anjum ki Sahafati Khidmaat (Ek Jayza)	Mohd. Moosa	Department of Urdu	Urdu Scholars ki Duniya	2020 - 2021	2320-5369
Urdu Zubaan ki Mojuda Surat-e-Hall or Hamari Zimadari	Khurshid Ansari	Department of Urdu	Urdu Scholars ki Duniya	2020 - 2021	2320-5369
Alami General Knowledge Adab ki Raushani mein	Dr. Ali Abbas	Department of Urdu	Urdu Science	2020 - 2021	0971-5711
The Effect Of Gender on Carrier Identity of Adolescence: A Research Study	Prof.Prabha Vig	Department of Lifelong Learning & Extension	Utkal Historical Research Journal	2020 - 2021	09762-2132
Comprehensive review and future perspectives of efficient N-doped, Fe-doped and (N,Fe)-co-doped titania as visible light active photocatalysts	Navneet Kaur, S K Shahi, J S Shahi, S Sandhu, Rohit Sharma, V Singh	Department of Microbial Biotechnology	Vacuum	2020 - 2021	0042-207X
Evidence of ZnCO3 interstitial phase in carbon implanted ZnO(002) thin films and room temperature ferromagnetism	Sanjeev Gautam, Pardeep K Thakur, Shalendra Kumar, Ranber Singh, Di-Jing Huang, Younghak Kim, Keun H	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2020 - 2021	0042-207X

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On the rapid and non-destructive approach for wood identification using ATR-FTIR spectroscopy and Chemometric methods	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Vibrational Spectroscopy	2020 - 2021	0924-2031
Brand Positioning Using Multidimensional Scaling Technique: An Application to Herbal Healthcare Brands in Indian Market Pp 345-355	Kanupriya Adlaks Sharma, S.K.	University Institute of Applied Management Sciences	Vision Vol 24 (3) (2020)	2020 - 2021	0972-2629
AGR Challenge for Bharti Airtel and Vodafone Idea	Manoj Anand and Jagandeep Singh	University Institute of Applied Management Sciences	Vision: The Journal of Business Perspective, 25 (2), June	2020 - 2021	0972-2629
Synergistic Action of Alkalis Improve the Quality Hemicellulose Extraction from Sugarcane Bagasse for the Production of Xylooligosaccharides	Pranati Kundu, Sushil Kumar Kansal & Sasikumar Elumalai	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Waste and Biomass Valorization	2020 - 2021	1877-265X
Upcycling of plastic waste into fluorescent carbon dots: An environmentally viable transformation to biocompatible C-dots with potential prospective in analytical applications	Savita Chaudhary*, manisha Kumari, Pooja Chauhan, G.R. Chaudhary	Department of Chemistry	Waste Management	2020 - 2021	0956-053X
Visualizing the catalytic advancements in nickel ferrite via inclusion of bismuth for the removal of hazardous environmental pollutants	Surbhi Kapoor, Neetu Goel, Sonal Singhal	Department of Chemistry	water and environment journal	2020 - 2021	1747-6585
Servant leadership and team effectiveness: A study of IT professionals of Northern India	Prof. Sanjay Kauhshik & Malvika Walia	University Business School	Wesleyan Journal of Researc	2020 - 2021	0975-1386
Attrition Levels among Differently abled Female Employees of Call Centres- Opportunities, Challenges & amp; Some Intervention Strategies	Dr Rajesh Kumar Chander	Department Cum Centre for Women Studies & Development	Wesleyan Journal of Research	2020 - 2021	ISSN 0975-1386
Effect of peer pressure among adolescents	Dr. Supreet Kaur	University School of Open Learning	Wesleyan Journal of Research	2020 - 2021	0975-1386
Usefulness of Intellectual Capital Disclosures: Perception of Investors and Brokers	Mr. Shashi Kapoor	P.U. Regional Centre, Ludhiana	Wesleyan Journal of Research	2020 - 2021	0975-1386
Financial Literacy Level among working people in Tri-city Chandigarh: Pre-and Post- Financial Literacy Intervention	Mrs. Rajni Rajan Chauhan	University School of Open Learning	Wesleyan Journal of Research	2020 - 2021	ISSN No. ISSN 0975-1386)
A study of spiritual Intelligence of Among male and female high school teachers of haryana state	Dr. Amritpal Kaur	Institute Of Educational Technology & Vocational Education	Wesleyan journal of research, vol. 14 no. 1 (VI) January 2021	2020 - 2021	0975-1386
OUTRAGING THE MODESTY OF A WOMAN WITH SPECIAL REFERENCE TO SEXUAL HARASSMENT UNDER SEC 354A	VINAY SHARMA	P.U. S.S. Giri Regional Centre, Hoshiarpur	WHITE BLACK LEGAL JOURNAL	2020 - 2021	ISSN: 2581-8503

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Urinary exosome: Potential biomarker for diabetic nephropathy, nephrology	Sinha, N., Kumar, V., Puri, V., Nada, R., Rastogi, A., Jha, V., and Puri, S.	University Institute of Engineering & Technology	Wiley online library	2020 - 2021	1440-1797
Urinary exosomes: Potential biomarkers for diabetic nephropathy, DOI: 10.1111/nep.13720	Dr. Veena Puri	Centre for System Biology & Bioinformatics	Wiley online library	2020 - 2021	1440-1797
Analysis of WOFDM over LTE 1.25MHz Band	Sandeep Sarowa, Naresh Kumar and Ram Sewak Singh	University Institute of Engineering & Technology	Wireless Communications and Mobile Computing	2020 - 2021	1530-8677
Intrusion detection techniques in network environment: a systematic review	Ayyagari M.R., Kesswani N., Kumar M., Kumar K.	University Institute of Engineering & Technology	Wireless Networks	2020 - 2021	10220038
An Improved Clustering Approach for Identifying Significant Locations from Spatio-temporal Data	Veenu Mangat	University Institute of Engineering & Technology	Wireless Pers Comm	2020 - 2021	1572-834X
Delay-Sensitive, Reliable, Energy- Efficient, Adaptive and Mobility-Aware (DREAM) Routing Protocol for WSNs	Suniti Dutt, Sunil Agrawal, Renu Vig	University Institute of Engineering & Technology	Wireless Personal Communication	2020 - 2021	1572-834X
A QoS Aware Resource Placement Approach Inspired on the Behavior of the Social Spider Mating Strategy in the Cloud Environment	Abrol P., Gupta S., Singh S.	University Institute of Engineering & Technology	Wireless Personal Communications	2020 - 2021	9296212
Evolution of PAPR Reduction Techniques: A Wavelet Based OFDM Approach	Sandeep Sarowa, Naresh Kumar, Sunil Agrawal, B S Sohi	University Institute of Engineering & Technology	Wireless Personal Communications	2020 - 2021	0929-6212
Multi-objective Energy Aware Scheduling of Deadline Constrained Workflows in Clouds using Hybrid Approach	Kalra M., Singh S.	University Institute of Engineering & Technology	Wireless Personal Communications	2020 - 2021	1572834X, 09296212
On Effects of Frequency Offset on Simulink Model of OFDM	Navdeep Kaur, Naresh Kumar	University Institute of Engineering & Technology	Wireless Personal Communications	2020 - 2021	0929-6212
Performance Analysis of Improved Self Cancellation Technique for Wavelet Based OFDM Through Simulink Model	Sandeep Sarowa, Surender Kumar, Davinder S Rathee, Naresh Kumar	University Institute of Engineering & Technology	Wireless Personal Communications	2020 - 2021	0929-6212
Pre-processing of Retinal Images for Removal of Outliers	Thakur N., Juneja M.	University Institute of Engineering & Technology	Wireless Personal Communications	2020 - 2021	9296212
Introduction and brief history of thermoelectric materials	Anuradha Saini, Rajesh Kumar, Ranjan Kumar	Department of Physics	Woodhead Publishing	2020 - 2021	2050-1501
Thermoelectricity and Advanced Thermoelectric Materials; Book Chapter: Organic semiconductors and polymers	S.K. Tripathi and Ravneet Kaur	Department of Physics	Woodhead Publishing Series in Electronic and Optical Materials	2020 - 2021	2050-1501

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
COVID-19 pandemic: Understanding the emergence, pathogenesis and containment (Review).	Dr. Vishal Agarwal	Department of Biochemistry	World Academy of Sciences Journal	2020 - 2021	Print ISSN: 2632-2900 Online ISSN:2632-2919
Global Machine-learning Research: a scientometric assessment of global literature during 2009–18	Dhawan, S.M., Gupta, B.M. and Singh, N.K.	A C Joshi Library	World Digital Libraries: An International Journal	2020 - 2021	0974-567X
Extra-Health Ramifications of the Covid-19 Pandemic and Role of the UN	Dr. Kamla	University School of Open Learning	World Focus	2020 - 2021	ISSN No. 2230-8458
Assessing the bioremediation potential of indigenously isolated Klebsiella sp. WAH1 for diclofenac sodium: optimization, toxicity and metabolic pathway studies	S Sharma, H Setia, A P Toor	University Institute of Engineering & Technology	World Journal of Microbiology and Biotechnology	2020 - 2021	0959-3993
Assessing the bioremediation potential of indigenously isolated Klebsiella sp. WAH1 for diclofenac sodium: optimization, toxicity and metabolic pathway studies.	Sharma, S., Setia, H., & Toor, A. P	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	World Journal of Microbiology and Biotechnology	2020 - 2021	1573-0972
Simultaneous nitrification–denitrification by phosphate accumulating microorganisms	S Shukla, A Rajta, H Setia, R Bhatia	University Institute of Engineering & Technology	World Journal of Microbiology and Biotechnology	2020 - 2021	0959-3993
Bioinformatics approach to understand nature’s unified mechanism of stereo-divergent synthesis of isoprenoid skeletons	Dr.Dipti Sareen	Department of Biochemistry	World Journal of Microbiology and Biotechnology volume	2020 - 2021	ISSN:0959-3993,1573-0972
Rural women entrepreneurship: a systematic literature review and beyond	Dr. Monika Aggarwal Ramanjit kaur Johal	University Institute of Applied Management Sciences	World Journal of Science, Technology and Sustainable Development 18(4)	2020 - 2021	2042-5945
The State and Accumulation under Contemporary Capitalism	Singh, Paramjit	Department of Economics	World Review of Political Economy, Vol. 11, No. 1 (extended and reprinted)	2020 - 2021	ISSN: 2042-891X / eISSN: 2042-8928
Nisin loaded carbopol gel against Pseudomonas aeruginosa infected third-degree burns: A therapeutic intervention	Preet, Simran	Department of Biophysics	Wound Repair and Regeneration	2020 - 2021	ISSN:1067-1927E- ISSN:1524-475X
Factors influencing the use of smart classroom in schools by teachers in the state of Jammu & Kashmir	Upasna Joshi	University Institute of Applied Management Sciences	Wutan Huatan Jisuan Jishu	2020 - 2021	ISSN:1001-1749
Yoga and Loneliness : An Investigation during COVID-19 Pandemic Situation	Prof.Prabha Vig	Department of Lifelong Learning & Extension	Yogic insight Journal	2020 - 2021	2582-9076

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Examination of fraudulent cheques: a case study	Dr. Vishal Sharma	Institute of Forensic Science & Criminology	Z Zagadnien Nauk Sadowych	2020 - 2021	1230-7483
The genus Arachnomimus Saussure, 1897 (Orthoptera: Phalangopsidae) in India, with description of a new subgenus and species from a cave in Chhattisgarh, India	Jaiswara, Ranjana	Department of Zoology	Zootaxa	2020 - 2021	1175-5326 (Print Edition) & ISSN 1175-5334 (Online Edition)
Bringing the Incompatibles Together: Some Critical Reflections on Prof. S. D. D. R. Alliance,	Prof. Ronki Ram	Department of Political Science		2020 - 2021	
Mark Juergensmeyer: Pioneer of Critical Dalit Studies,	Prof. Ronki Ram	Department of Political Science		2020 - 2021	
Begampura: A Vision of Non-hierarchical & amp; Egalitarian Social Order	Prof. Ronki Ram	Department of Political Science		2020 - 2021	VOL- 13 ISSUE- 1
Guru Ravidass, Egalitarian Social Order and Dalit Consciousness	Prof. Ronki Ram	Department of Political Science		2020 - 2021	
A Long Look at One of the Most Important Institutions of the Indian Democracy	Prof. Ashutosh Kumar	Department of Political Science		2019 - 2020	--
Thermodynamics of the condensation of dust grains in Wolf–Rayet stellar winds	A. Gupta, S. Sahijpal	Department of Physics	(2020) Monthly Notices of the Royal Astronomical Society 492 (2), 2058-2074	2019 - 2020	17453925, 17453933
Origin and evolution of the Galactic inventories of interstellar dust and its composition	A. Gupta, S. Sahijpal	Department of Physics	(2020) Monthly Notices of the Royal Astronomical Society 494 (3), 4149-4167	2019 - 2020	13652966, 00358711
Thermodynamics of dust condensation around the dimming Betelgeuse	A. Gupta, S. Sahijpal	Department of Physics	(2020) Monthly Notices of the Royal Astronomical Society: Letters 496 (1), L122-L126	2019 - 2020	17453925, 17453933
3-D Comparative Analysis of 3-phase Transformer core Using CRGO Silicon Steel, Amorphous and FINEMET for Low Losses using ANSYS	damanjeet kaur	University Institute of Engineering & Technology	, IOP Conference Series: Materials Science and Engineering	2019 - 2020	17578981, 1757899X.
Improved Recognition Results of Medieval Handwritten Gurmukhi Manuscripts Using Boosting and Bagging Methodologies	Munish Kumar, Simpel Rani Jindal, M. K. Jindal and Gurpreet Singh Lehal	P.U. Regional Centre, Muktsar	, Neural Processing Letters	2019 - 2020	1370-4621
Effect of oxidative modification of Activated Carbon on surface chemistry, porosity and tartrazine adsorption,	M.Mangla, Meenakshi .Goyal, G.R. Chaudhary, M.L.Sharma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	,Int. Journal of Engg. Applied Sciences and Technology	2019 - 2020	2455-2143
Running of the top quark mass from proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	: Phys.Lett.B 803 (2020), 135263	2019 - 2020	0370-2693

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Evaluation of Sperm Impairing Factor from <i>Serratia marcescens</i> as Male Contraceptive in Mouse Model	Aditi Chauhan and Vijay Prabha	Department of Microbiology	OHindawi BioMed Research International	2019 - 2020	1110-7243 (Print) 1110 - 7251 (web)
Load tracking enhancement of a grid connected SOFC system using an advanced controller in real time	Y.P. Verma	University Institute of Engineering & Technology	2020 First IEEE International Conference on Measurement, Instrumentation, Control and Automation	2019 - 2020	15505499
Jugaad in Keywords for India : A Conceptual Lexicon for the 21st Centruy	Lallan Singh Baghel	Department of Philosophy	A Conceptual Lexicon for the 21st Centruy	2019 - 2020	ISBN HB:978-1-3500-3924-7
Jhanjhat in keywords for India: A Conceptual Lexicon for the 21st Century	Lallan Singh Baghel	Department of Philosophy	A Conceptual Lexicon for the 21st Century	2019 - 2020	ISBN HB:978-1-3500-3924-7
A hybrid node ranking technique for finding influential nodes in complex social networks, Library Hi Tech	Kushal Kanwar, Sakshi Kaushal, Harish Kumar	University Institute of Engineering & Technology	A hybrid node ranking technique for finding influential nodes in complex social networks, Library Hi Tech	2019 - 2020	0737-8831
Navigating educational empowerment through life conditions	Prof. Satvinderpal Kaur	Department of Education	A study of rural women in Indian Punjab, Monthly Review	2019 - 2020	
An Efficient and Cost-Effective Nose-Only Inhalational Chamber for Rodents: Design, Optimization and Validation	R. Kaur, Anupama Kaushik, K.K. Singh,O.P. Katare,B. Singh	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	AAPS PharmSciTech	2019 - 2020	15309932
Beta-carotene-Encapsulated Solid Lipid Nanoparticles (BC-SLNs) as Promising Vehicle for Cancer: an Investigative Assessment.	Ashay Jain, Gajanand Sharma, Kanika Thakur, Kaisar Raza, U. S. Shivhare, Gargi Ghoshal & Om Prakash	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	AAPS PharmSciTech	2019 - 2020	1530-9932
Effective topical delivery of H-AgNPs for eradication of <i>Klebsiella pneumoniae</i> –induced burn wound infection	Nishima	University Institute of Engineering & Technology	AAPS PharmSciTech	2019 - 2020	ISSN:15309932
Stimuli-responsive in situ gelling systems loaded with PLGA nanoparticles of moxifloxacin hydrochloride for effective treatment of periodontitis	Beg, S., Dhiman, S., Sharma, T., Jain, A., Sharma, R.K., Jain, A. & Singh, B.	University Institute of Pharmaceutical Sciences	AAPS PharmSciTech	2019 - 2020	31970603

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Online Handwritten Gurmukhi Words Recognition: An Inclusive Study	S. Singh and Anuj Sharma	Department of Computer Science & Applications	ACM Transactions on Asian and Low-Resource Language Information Processing	2019 - 2020	2375-4699
Peptide- and Drug-Functionalized Fluorescent Quantum Dots for Enhanced Cell Internalization and Bacterial Debilitation	Nishima Wangoo	University Institute of Engineering & Technology	ACS Appl. Bio Mater	2019 - 2020	2576-6422
Polydentate Aromatic Nanoparticles Complexed with Cu ²⁺ for the Detection of Cysteamine Using a Smartphone as a Portable Diagnostic Tool	G. Singh, D. Bains, H. Singh, N. Kaur, N. Singh	Department of Chemistry	ACS Appl. Nano Mater	2019 - 2020	2574-0970
Development of an Ionic Liquid@Metal-Based Nanocomposite-Loaded Hierarchical Hydrophobic Surface to the Aluminum Substrate for Antibacterial Properties	Bains, D., Singh, G., Kaur, N., Singh, N.	Department of Chemistry	ACS Applied Bio Materials	2019 - 2020	2576-6422
Fluorescein–Metal Hybrid Surfactant Conjugates as a Smart Material for Antimicrobial Photodynamic Therapy against Staphylococcus aureus	Preeti Garg, Gurpreet Kaur*, Bunt Sharma, Ganga Ram Chaudhary	Department of Chemistry	ACS Applied Bio Materials	2019 - 2020	2576-6422
Peptide-and Drug-Functionalized Fluorescent Quantum Dots for Enhanced Cell Internalization and Bacterial Debilitation	Nishima	University Institute of Engineering & Technology	ACS Applied Bio Materials	2019 - 2020	ISSN: 25766422
Peptide and drug functionalized fluorescent quantum dots for enhanced cell internalization and bacterial debilitation	Munish Kumar, Satish Pandey, Anuradha Swami, Nishima Wangoo, Saima, Rahul Jain, Rohit K. Sharma	Department of Chemistry	ACS Applied Biomaterials 2020, 3, 1913-1923	2019 - 2020	2576-6422
Electrical contact barriers between 3D metal and layered SnS ₂	Sunil K. Arora	Centre for Nanoscience and Nanotechnology	ACS Applied Materials & Interfaces	2019 - 2020	1944-8244
Maximizing Short Circuit Current Density and Open Circuit Voltage in Oxygen Vacancy-Controlled Bi _{1-x} CaxFe _{1-y} TiyO _{3-δ} Thin-Film Solar Cells	Subhajit Nandy, Kulwinder Kaur, Sanjeev Gautam, Keun Hwa Chae, BRK Nanda, Chandran Sudakar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	ACS applied materials & interfaces	2019 - 2020	1944-824 4
Morphology and Interconnected Microstructure-Driven High-Rate Capability of Li-Rich Layered Oxide Cathodes	Vidyashree Hebbar, M Viji, Akshay Kumar Budumuru, Sanjeev Gautam, Keun Hwa Chae, K Balaji, NT Kalyan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	ACS Applied Materials & Interfaces	2019 - 2020	1944-8244
Chitosan-Graphene Oxide Hydrogels with Embedded Magnetic Iron Oxide Nanoparticles for Dye Removal	Nirbhai Singh, Sk Riyajuddin, Kaushik Ghosh, Surindar K. Mehta and Abhijit Dan*	Department of Chemistry	ACS Applied Nano Materials	2019 - 2020	2574-0970

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Antagonistic interaction of Staphylococcus aureus and Staphylococcus epidermidis with Rhizopus arrhizus mediated by phenol soluble modulins and organic acids.	Anjna Kumari, Rupinder Tewari and Rachna Singh* (*Corresponding author)	Department of Microbial Biotechnology	ACS Infectious Diseases	2019 - 2020	2470-1343
Could Purines Be Formed from Cyanamide and Cyanoacetylene in a Prebiotic Earth Environment?	Sarabjeet Kaur, Ashita Ohri and Purshotam Sharma	Department of Chemistry	ACS Omega	2019 - 2020	2470-1343
Dimethylenebis-(tetra-decyldimethylammonium Bromide)-Driven Metal Nanoparticles: Hg2+ Sensing a Competency	Akash Katoch	Centre for Nanoscience and Nanotechnology	ACS omega	2019 - 2020	2470-1343
Facially amphiphilic cholic acid–lysine conjugates as promising antimicrobials.	Singla P, Kaur M, Kumari A, Kumari L, Pawar SV, Singh R* and Salunke DB*.	Department of Microbial Biotechnology	ACS Omega	2019 - 2020	2470-1343
Green Nanotechnology-Driven Drug Delivery Assemblies.	Kanwar, R.; Rathee, J.; Salunke, D. B.; Mehta, S. K.	Department of Chemistry	ACS Omega	2019 - 2020	8804
Structural patterns and stabilities of hydrogen-bonded pairs involving ribonucleotide bases and arginine, glutamic acid, or glutamine residues of proteins from quantum mechanical calculations	Deepika Kagra, Preethi Seelam Prabhakar and Purshotam Sharma	Department of Chemistry	ACS Omega	2019 - 2020	2470-1343
β-Carboline Derivatives Tackling Malaria: Biological Evaluation and Docking Analysis	Varun Gorki , Neha Sylvia Walter , Rahul Singh , Monika Chauhan , Neelima Dhingra , Deepak B Sal	University Institute of Pharmaceutical Sciences	ACS Omega	2019 - 2020	17993–18006
High selectivity gas sensing and charge transfer of SnSe2	Sunil K. Arora	Centre for Nanoscience and Nanotechnology	ACS Sensors	2019 - 2020	2379-3694
Cross-priming accentuates key biochemical and molecular indicators of defense and improves cold tolerance in chickpea (Cicer arietinum L.)	Prof. Harsh Nayyar	Department of Botany	Acta Physiologiae Plantarum	2019 - 2020	ISSN:01375881 , 18611664
NARRI TRASDI DE PASHKARRI DA BIRTANT NOVEL 'TEVEAY'	MANJEET KAUR	P.U. Regional Centre, Muktsar	ADAB KHOJ	2019 - 2020	25815202
PUNJABI SABHIACHARAK SAVDANA NU MUKHATAB KAVI DIL NIJJAR	MANJEET KAUR	P.U. Regional Centre, Muktsar	ADAB KHOJ	2019 - 2020	25815202
Altered Tregs and oxidative stress in pregnancy associated lupus.	Prof. Archana Bhatnagar	Department of Biochemistry	Adv Rheumatol	2019 - 2020	2523-3106 (Electronic) 2523-3106 (Linking)

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Modeling the effect of temperature on volatile organic compound (VOC) conversion in a monolithic converter	Umang Bedi, Sanchita Chauhan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Advances and Applications in Mathematical Sciences	2019 - 2020	0974-6803
Design and Analysis of a PV-Based Cascaded H-Bridge Seven-Level Inverter	Y.P. Verma	University Institute of Engineering & Technology	Advances in Electrical Control and Signal Systems	2019 - 2020	18447600, 15827445.
Litter decomposability traits and their linkage with the cycling of nutrients in the forest ecosystems under the lens of climate change: A conceptual overview	Dr. A.N. Singh	Department of Botany	Advances in Zoology and Botany	2019 - 2020	ISSN 2331-5083
Salinity induced apoptosis in food spoilage yeast <i>Zygosaccharomyces bisporus</i>	Prof. Sukesh Chander Sharma	Department of Biochemistry	Afr J Clin Expt Microbiol	2019 - 2020	ISSN: 1595-689X
Pesticides in Agricultural run offs affecting water resources: A study of Punjab (India)	Tejinder Kaur, Dr A.K Sinha	Department of Anthropology	Agricultural science	2019 - 2020	256-8561, 2156-8553
Using Plant Phenomics to Exploit the Gains of Genomics	Prof. Harsh Nayyar	Department of Botany	Agronomy	2019 - 2020	ISSN:1435-0645
Crystallographic representation of Patterson densities of polymorphs α -Fe ₂ O ₃	Amita, Asha, Vishakha, Neetu, Davender Singh, Naveen Kumar, Rajesh Kumar, Jitendra Gangwar	Department of Physics	AIP Conference Proceedings	2019 - 2020	1551-7616
Emergence of half-metallic ferromagnetism in Ga _{1-x} Mn _x As (x=0.25, 0.125 and 0.0625)	Anita Rani, Navneet Kumar Pruthi, Kirandish Kaur, Ranjan Kumar	Department of Physics	AIP Conference Proceedings	2019 - 2020	0094243X, 15517616
Investigation of electronic properties of phosphorus doped zigzag graphene nanoribbons for nano applications	Singh N, Sapra G and Sharma P.	University Institute of Engineering & Technology	AIP Conference Proceedings	2019 - 2020	0094243X, 15517616
LDA+U study of ferromagnetism in Ga _{1-x} Mn _x N	Navneet Kumar Pruthi, Anita Rani, Ranjan Kumar	Department of Physics	AIP Conference Proceedings	2019 - 2020	
Mechanistic investigation of vancomycin-silver nanoparticles surface interaction	Amritpal Kaur, Rajesh Kumar	Department of Physics	AIP Conference Proceedings	2019 - 2020	1551-7616
Encapsulation of carbon nanofiber inside liposome for target drug delivery	Prof. Harsh Nayyar	Department of Botany	AIP Conference Proceedings	2019 - 2020	ISSN: 03009084, 61831638
Respiratory health status of rural women exposed to liquefied petroleum gas and solid biomass fuel emissions	Kaur-Sidhu, M., Ravindra, K., Mor, S., John, S. and Aggarwal, A.N.	Department of Environment Studies	Air, Soil and Water Research	2019 - 2020	1178-6221
Abhinay Ek Paribhasha	Dr. Navdeep Kaur	Department of Indian Theatre	AJANTA	2019 - 2020	2277-5730
NATYASHASTRA: EK ADDHAYAN	Dr. Navdeep Kaur	Department of Indian Theatre	AJANTA	2019 - 2020	2277-5730

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Using Traditional Beliefs of Ancient India in Girish Karnad's Play	Dr. Navdeep Kaur	Department of Indian Theatre	AJANTA	2019 - 2020	2277-5730
PUNJABI SAMAJ SABHIACHAR DE TARJMANNI KARDA PATTAR KAV	MANJEET KAUR	P.U. Regional Centre, Muktsar	AJOKA SHILAKH	2019 - 2020	23482664
Determination of most important predictor of Vertical Ground Reaction Force (VGFR) and threshold value of fracture among young adults	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Al Ameen J Med Sci	2019 - 2020	0974-1143
A novel multi-enzyme preparation produced from Aspergillus niger using biodegradable waste: a possible option to combat heterogeneous biofilms	Arashdeep Kaur, Valbha Rishi, Sanjeev K Soni, Praveen Rishi	Department of Microbiology	AMB Express	2019 - 2020	2191-0855
Covid-19: Challenges and Safeguard	Prof. Ronki Ram	Department of Political Science	Ambedkar Times	2019 - 2020	Vol. 12, Issue 2-3, April 1, 2020, p.1
Exploring Endolysin-Loaded Alginate-Chitosan Nanoparticles as Future Remedy for Staphylococcal Infections	Jasjeet kaur, Avneet Kour, Jiban Jyoti panda, Kusum Harjai, Sanjay Chhibber	Department of Microbiology	American Association of Pharmaceutical Scientists	2019 - 2020	
Mechanical and geometrical properties of thermoformed and 3D printed clear dental aligners	P. Jindal, M. Juneja, F.L. Siena, D. Bajaj, and P. Breedon	University Institute of Engineering & Technology	American Journal of Orthodontics & Dentofacial Orthopedics	2019 - 2020	0889-5406
Mechanistic details of amino acid catalyzed two component Mannich reaction: Experimental study backed by density functional Calculations	Dixita Rani, Lalita Thakur, Mayank Khara, Neetu Goel, Jyoti Agarwal	Department of Chemistry	Amino Acids	2019 - 2020	0939-4451
A naphthalimide-based novel	Sidhu, J.S., Sharma, S., Singh, A., Garg, N., Kaur, N., Singh, N.	Department of Chemistry	Anal. Methods, 2019,11, 4190-4196	2019 - 2020	1759-9660
Mitochondria- and nucleolus-targeted copper(i) complexes with pyrazole-linked triphenylphosphine moieties for live cell imaging	Mayank, R. Rani, A. Singh, N. Garg, N. Kaur and N. Singh	Department of Chemistry	Analyst	2019 - 2020	0003-2654
An electrochemical aptasensor for analysis of MUC1 using gold platinum bimetallic nanoparticles deposited carboxylated graphene oxide	Dr. Nirmal Prabhakar	Department of Biochemistry	Analytica chimica acta	2019 - 2020	0003-2670 (Print) 1873-4324 (Electronic) 0003-2670 (Linking)
Alleviating impact of hydroethanolic Murraya koenigii leaves extract on bisphenol A instigated testicular lethality and apoptosis in mice	Kaur, S	Department of Biophysics	Andrologia	2019 - 2020	0303-4569

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Epigenetics and oxidative stress: A twin-edged sword in spermatogenesis	Kaushal, Naveen	Department of Biophysics	Andrologia	2019 - 2020	0303-4569 (Print) 1439-0272 (Electronic) 0303-4569 (Linking)
Epigenetics and oxidative stress: A twin-edged sword in spermatogenesis.	Sharma P, Ghanghas P, Kaushal N, Kaur J, Kaur P	University Institute of Engineering & Technology	Andrologia	2019 - 2020	0303-4569
Studies on the phytomodulatory potential of fenugreek (Trigonella foenum-graecum) on bisphenol-A induced testicular damage in mice	Kaur, S	Department of Biophysics	Andrologia	2019 - 2020	0303-4569
Strongly measurable functions and multipliers of M - integrable functions	Savita Bhatnagar	Department of Mathematics	Annals of functional analysis	2019 - 2020	2639-7390
Assessment of the knowledge and practices of drivers/conductors working in Government buses running tricity, Chandigarh regardig the use of first aid kit	Dr. Savita Prashar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Annals of infectious diseases &&&& Epidemiology	2019 - 2020	ISSN: 2475-5664
Matter wave soliton solutions for driven Gross-Pitaevskii equation with distributed coefficients	Ritu Pal, Shally Loomba, C.N. Kumar , Daniela Milovic, Aleksandra Maluckov	Department of Physics	Annals of Physics, 401 (2019) 116-129	2019 - 2020	00034916, 1096035X
Effect of weed infestation on root functional traits of wheat (Triticum aestivum L.) under different treatments	Kaur, A. & Singh, A. N.	Department of Botany	Annals of Plant and Soil Research	2019 - 2020	
Suppressibility of nutrient and water use efficiency of wheat (Triticum aestivum) under weed infestation	Dr. A.N. Singh	Department of Botany	Annals of Plant and Soil Research	2019 - 2020	ISSN: 0972-1959 ONLINE ISSN: 2347-6036
THE STUDY OF HARSHA COPPER-PLATES : A ECONOMIC DIMENTIONM	G.C. Chauhan	Department of Evening Studies	Annals of the Bhandarkar Oriental research Institute	2019 - 2020	7381143
Sex and topological differences in fingerprint ridge density among adult population of North India.	Maninder kaur	Department of Anthropology	Anthropologie	2019 - 2020	2570-9127
Somatotype profile of obese and lean women with polycystic ovary syndrome: a population based cohort study.	Raminder Kaur, Maninder Kaur & Vanita Suri	Department of Anthropology	Anthropologie	2019 - 2020	2570-9127 (Online)
Major Famines in India during British Rule: A Referral Map	Pulakes Purkait, Neeraj Kumar, Ramesh Sahani and Sumit Mukherjee	Department of Anthropology	Anthropos India. 2019,5(2)	2019 - 2020	ISSN 2394-8396

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Antimicrobial and antioxidant properties of Bryophytes	Anshul, Bamal and Sunita Kapila	Department of Botany	Antimicrobial and antioxidant properties of Bryophytes	2019 - 2020	2182025
Antibiofilm activity of small molecules produced by Staphylococcus epidermidis against Staphylococcus aureus.	Anjna Kumari and Rachna Singh*. (*Corresponding author)	Department of Microbial Biotechnology	Appl Environ Microbiol	2019 - 2020	0099-2240
Expression of Meiothermus ruber luxS in E. coli alters the antibiotic susceptibility and biofilm formation	Kaur, A., Capalash, N., Sharma, P.	Department of Biotechnology	Appl Microbiol Biotechnol .	2019 - 2020	14320614
A Novel d-Allulose 3-Epimerase Gene from the Metagenome of a Thermal Aquatic Habitat and d-Allulose Production by Bacillus subtilis Whole-Cell Catalysis	Satya Narayan Patel, Girija Kaushal, Sudhir P. Singh	Department of Microbial Biotechnology	Applied and Environmental Microbiology	2019 - 2020	0099-2240
Taxonomic studies on species belonging to subgenus EutricharaeaThomson of the genus Megachile	Dr. N. R. Kumar	Department of Zoology	Applied and Natural Science	2019 - 2020	0974-9411(print) 2231-5209(online)
Online learning using multiple times weight updating	Charanjeet and Anuj Sharma	Department of Computer Science & Applications	Applied Artificial Intelligence	2019 - 2020	0883-9514
Online Learning Using Multiple Times Weight Updating	Charanjeet Singh	Department of Mathematics	Applied Artificial Intelligence	2019 - 2020	0883-9514
Impact of Parbati Hydroelectric Power Project Stage-II on the Interdependence of Ethno-Botanical Resources and the Inhabitants of the Parbati Valley in Kullu District of Himachal Pradesh	Tanveer Kaur ¹ , and Rajeev Kumar ¹	Department of Environment Studies	Applied Ecology and Environmental Sciences	2019 - 2020	2328-3920
Propagating waves in elastic material with voids subjected to electro-magnetic interactions	S.K. Tomar	Department of Mathematics	Applied Mathematical Modelling	2019 - 2020	0307-904X
Antibodies generated against dextransucrase exhibit potential anticariostatic properties in Streptococcus mutans	Prof. Sukesh Chander Sharma, Prof. Akhtar Mahmood	Department of Biochemistry	Applied microbiology and biotechnology	2019 - 2020	0175-7598 (Print) 1432-0614 (Electronic) 0175-7598 (Linking)
Central composite design based optimization and fabrication of benzylisothiocynate loaded PLGA nanoparticles for enhanced antimicrobial attributes	Shweta Sharma	Institute of Forensic Science & Criminology	Applied Nanoscience	2019 - 2020	10.1007/s13204-019-01185-0

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Correction to: Biogenic PLGA-zinc oxide nanocomposite as versatile tool for enhanced photocatalytic and antibacterial activity (Applied Nanoscience, (2019), 9, 8, (2001-2016), 10.1007/s13204-019-01023-3).	Prof. Rajat Sandhir	Department of Biochemistry	Applied Nanoscience	2019 - 2020	2190-5517
Novel thin film nanocomposite membranes incorporated with polyoxovanadate nanocluster for high water flux and antibacterial properties	Mojtaba Amini, Zahra Shekari, Ali Akbari, Hadi Naslhajian, Ayda Sheykhi, Esmaeil Karimi, Sanjeev Gau	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Applied Organometallic Chemistry	2019 - 2020	1099-0739
Synthesis and characterization of microwave-assisted biologically active triazole silanes	Gurjaspreet Singh,Pinky Satija,Akshpreet Singh, Sanchita,Darpandeep Aulakh,Mario Wriedt,Cristobal Es	Department of Chemistry	Applied Organometallic Chemistry	2019 - 2020	2682605
Enhanced thermopower in (013)-oriented silver selenide films produced by thermal annealing	S Jindal, S Singh, G. S. S. Saini& S. K. Tripathi	Department of Physics	Applied Physics A 126 (2020) 374	2019 - 2020	1432-0630
Protective effects of Emblica officinalis in Cyprinus carpio against hepatotoxicity induced by malachite green	Sinha, R., Jindal, R. and Faggio, C.	Department of Zoology	Applied Sciences	2019 - 2020	2076-3417
Biofabrication of cerium oxide nanoparticles using emulsification for an efficient delivery of Benzyl isothiocyanate	Shivani Uppal, Rajendra Kumar, Shweta Sareen, Khushwinder Kaur, SK Mehta	Department of Chemistry	Applied Surface Science	2019 - 2020	0169-4332
Investigations on functionalized GO as selective and efficient amino acids carrier supported by density functional calculations	Sarita Yadav, Neetu Goel and Sonal Singhal	Department of Chemistry	Applied Surface Sciences	2019 - 2020	0169-4332
Myxobolushimalayaensis sp. nov. (Cnidaria: Myxozoa) parasitingSchizothoraxrichardsonii (Cyprinidae: Schizothoracinae) from River Poonch in North West Himalaya, India.	Dr. Harpreet Kaur	Department of Zoology	Aquaculture Reports	2019 - 2020	0882-4010
Sex distinction in digital dermatoglyphic patterns of convicted prisoners: A comparative cohort-control study.	Dr. Maninder Kaur	Department of Anthropology	Arab Journal of Forensic Sciences &&&& Forensic Medicine (AJFSFM).	2019 - 2020	1658-6786)
An Investigation of physiochemical and biological properties of Rheum emodi mediated bimetallic Ag-Cu nanoparticles.	Dr. Ravinder Kumar	Department of Zoology	Arabian Journal for Science and Engineering	2019 - 2020	ISSN / eISSN: 2193-567X / 2191-4281

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Extraction of Natural Pigment Gossypol from Defatted Cottonseed Using 2-Propanol-Water Green Solvent, Its Kinetics and Thermodynamic Study	Surinder Singh, Surendra Kumar Sharma, Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Arabian Journal for Science and Engineering	2019 - 2020	2191-4281
An Efficient Language-Independent Acoustic Emotion Classification System.	Singh, R., Puri, H., Aggarwal, N.	University Institute of Engineering & Technology	Arabian Journal for Science and Engineering (2020) 45:3111–3121	2019 - 2020	Arabian Journal for Science and Engineering volume 45, pages3111–3121(2020
Enhanced Catalytic activity of composites of NiFe ₂ O ₄ and nanocellulose derived from waste biomass for the mitigation of organic pollutants	Kanu Gupta, Anupama Kaushik, KB Tikoo, Vinod Kumar and Sonal singhal	Department of Chemistry	Arabian Journal of Chemistry	2019 - 2020	1878-5352
Ionic liquid assisted growth of poly(3,4-ethylenedioxythiophene)/reduced graphene oxide based electrode: An improved electro-catalytic performance for the detection of organophosphorus pesticides in beverages	Dr. Nirmal Prabhakar	Department of Biochemistry	Arabian Journal of Chemistry	2019 - 2020	1878-5379
Adultery and Institution of Marriage: An Analysis with special reference to Joseph Shine v Union of India	Prof. Devinder Singh	Department of Laws	Army Institute of Law Journal	2019 - 2020	0975-8208
Impact of Media: Pawned Democratic Psychology	Shruti Bedi & Jayanti Singla	University Institute of Legal Studies	Army Institute of Law Journal, Vol. XII, pp. 195-209	2019 - 2020	ISSN 0975-8208
Role of Sub-trajectories in Online Signature Verification	S. Rohilla, Anuj Sharma and R. K. Singla	Department of Computer Science & Applications	Array	2019 - 2020	
Character and numeral recognition for non-Indic and Indic scripts: a survey	Munish Kumar, M. K. Jindal, R. K. Sharma and Simpel Rani Jindal	P.U. Regional Centre, Muktsar	Artificial Intelligence Review	2019 - 2020	1573-7462
Performance evaluation of classifiers for the recognition of offline handwritten Gurmukhi characters and numerals: a study	Dr. Manish Kumar	P.U. Regional Centre, Muktsar	Artificial Intelligence Review	2019 - 2020	0269-2821
Other Ways of Living: Moving with the Western Himalayan Shepherds.	Mahesh Sharma	Department of Evening Studies	Artland	2019 - 2020	
Moderation Mediation Framework Connecting Internal Branding, Affective Commitment, Employee Engagement and Job Satisfaction : An Empirical Study of BPO Employees in Indian Context	Ms. Prabhjot Kaur & Prof. Keshav Malhotra & Prof. Sanjeev Kumar Sharma	Department of Evening Studies	Asia Pacific Journal of Business Administration	2019 - 2020	1757-4323

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Employer Branding and Organisational Citizenship Behaviour : The Mediating Role of Job Satisfaction	Ms. Prabhjot Kaur & Prof. Keshav Malhotra & Prof. Sanjeev Kumar Sharma	Department of Evening Studies	Asia Pacific Journal of Management Research and Innovation	2019 - 2020	2321-0729
Corporate Sustainability and Fair Market Value: A Study of Indian Family Versus Non Family Firms	Rajbir Kaur Dr Meena Sharma,Prof Raj Kumar	University Business School	Asia Pacific Management Accounting Journal	2019 - 2020	2550 - 1631
"Local Community's Perception about Impact on Ecotourism by UNESCO World Heritage Site Status in Great Himalayan National Park";	Dr. Jaswinder Kumar	University Institute of Hotel and Tourism Management	Asian Journal of Advanced Basic Sciences	2019 - 2020	"ISSN (Online) : 2347-4114 ISSN (Print) : 2454-7492";
Spatio-Temporal Changes in the Patterns of Male and Female Agricultural Labour in Punjab: A Geographical Analysis	Dr. Sucha Singh	University School of Open Learning	Asian Journal of Agriculture and Rural Development (International Scopus Indexed Journal	2019 - 2020	ISSN (P): 2304-1455/ISSN (E):2224-4433), 10(1): 183-193 (April 2020)
Novel Acetohydrazide Pyrazole Derivatives: Design, Synthesis, Characterization and Antimicrobial Activity	ANIL VERMA, VINOD KUMAR, RAMESH KATARIA, JOGINDER SINGH	Department of Chemistry	Asian Journal of Chemistry	2019 - 2020	0975-427X (Online) 0970-7077 (Print)
Mood State and Behaviour Predictions in Social Media through Unstructured Data Analysis	Gurpreet Singh Bawa, Suresh K. Sharma and Kanchan Jain	Department of Statistics	Asian Journal of Probability and Statistics	2019 - 2020	2582-0230
The Empire builds a Pyre: Poppy fields the Ocean deep and Sarvodaya in Amitav Gosh Sea of Poppies	Dr. Harpreet Kaur Vohra	P.U. Regional Centre, Ludhiana	Asian Quarterly An International Journal of Contemporary Issues	2019 - 2020	2229-581 X
Sectoral Returns, Volatility and Global Financial Crisis: Evidence from Indian Market	Dr. Nishi Sharma	University Institute of Applied Management Sciences	Asian Resonance	2019 - 2020	UIAMS, Panjab University, Chandigarh

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
BaroSense: Using Barometer for Road Traffic Congestion Detection and Path Estimation with Crowdsourcing. ACM Transaction on Sensor Networks,	2. AnujDimri, Harsimran Singh, Naveen Aggarwal, Bhaskaran Raman, K. K. Ramakrishnan, and Divya Bansa	University Institute of Engineering & Technology	Association for Computing Machinery New York, NY, United States	2019 - 2020	16, 1, Article 4 (November 2019), 24 pages. DOI: https://doi.org/10.1145/3364697 .
Automatic Melanoma Detection System (AMDS): A state-of-the-art review	Shakti Kumar and Anuj Kumar	Department of Computer Science & Applications	Automatic Melanoma Detection System (AMDS): A state-of-the-art review	2019 - 2020	1865-0937
Altered dietary selenium influences brain iron content and behavioural outcomes	Prof. Rajat Sandhir	Department of Biochemistry	Behav Brain Res	2019 - 2020	0166-4328 (Print) 1872-7549 (Electronic) 0166-4328 (Linking)
Ethical Perspectives of Mediation: The Voice of a Mediator	Rattan Singh	University Institute of Legal Studies	Bharati Law Review, BharatiVidyapeeth Deemed University, Pune,Vol.VIII, Issue.1	2019 - 2020	ISSN 2278 – 6996 and e-ISSN 2457 – 0567
Antifungal and insecticidal potential of chitinases: A credible choice for the eco-friendly farming	Gursharan Singh, Shailendra Kumar Arya	University Institute of Engineering & Technology	Biocatalysis and Agricultural Biotechnology	2019 - 2020	01406736, 1474547X.
Greener approach for pulp and paper industry by Xylanase and Laccase	Diksha Sharma, Rimple Chaudhary, Jaspreet Kaur, Shailendra Kumar Arya	University Institute of Engineering & Technology	Biocatalysis and Agricultural Biotechnology	2019 - 2020	18788181
Lipid mediators and asthma: Scope of therapeutics.	Prof. Amarjit Singh Naura	Department of Biochemistry	Biochem Pharmacol	2019 - 2020	0006-2952 (Print) 1873-2968 (Electronic) 0006-2952 (Linking)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Potential of phytochemicals as immune-regulatory compounds in atopic diseases: A review.	Prof. Amarjit Singh Naura	Department of Biochemistry	Biochem Pharmacol .	2019 - 2020	0006-2952 (Print) 1873-2968 (Electronic) 0006-2952 (Linking)
Augmented therapeutic efficacy of 5-fluorouracil in conjunction with lantibiotic nisin against skin cancer	Preet,S Dr. Rohit Sharma	Department of Biophysics	Biochemical and Biophysical Research Communications	2019 - 2020	0006-291X
Association of IL-8-251 A/T rs4073 and IL-10 rs1800872 -592C/A Polymorphisms and Coronary Artery Disease in North Indian Population	Naindeep Kaur · Jagtar Singh · S. Reddy	Department of Biotechnology	Biochemical Genetics	2019 - 2020	0006-2928
Discovery and utilization of EST-SSR marker resource for genetic diversity and population structure analyses of a subtropical bamboo, Dendrocalamus hamiltonii	Abhishek Bhandawat, Vikas Sharma, Pradeep Singh, Romit seth, Akshay Nag, Jagdeep Kaur, Ram Sharma	Department of Biotechnology	Biochemical Genetics.	2019 - 2020	0006-2928
Comparative structure, dynamics and evolution of acyl-carrier proteins from Borrelia burgdorferi, Brucella melitensis and Rickettsia prowazeki	Barnwal, ravi P.	Department of Biophysics	Biochemical Journal	2019 - 2020	0264-6021E-ISSN:1470-8728
S-nitrosoglutathione prevents cognitive impairment through epigenetic reprogramming in ovariectomised mice	Prof. Rajat Sandhir	Department of Biochemistry	Biochemical Pharmacology	2019 - 2020	ISSN: 0006-2952
pH dependent effects of sodium ions on dextranucrase activity in Streptococcus mutans	Prof. Sukesh Chander Sharma	Department of Biochemistry	Biochemistry and biophysics reports	2019 - 2020	2405-5808 (Electronic) 2405-5808 (Linking)
Clinical relevance of cholesterol homeostasis genes in colorectal cancer	Prof. Navneet Agnihotri	Department of Biochemistry	Biochim Biophys Acta Mol Cell Biol Lipids	2019 - 2020	1879-2618 (Electronic) 1388-1981 (Print) 1388-1981 (Linking)
Engineering lipases for temperature adaptation: Structure function correlation.	Rakesh Kumar, Shelly goomber, Jagdeep Kaur	Department of Biotechnology	Biochim Biophys Acta Proteins Proteom.	2019 - 2020	1570-9639
High antimicrobial photodynamic activity of photosensitizer encapsulated dual-functional metallocatanionic vesicles against drug-resistant bacteria	Bunty Sharma, Gurpreet Kaur*, Ganga Ram Chaudhary, Santosh L.Gawali, PA Hassan	Department of Chemistry	Biomaterials Science	2019 - 2020	2047-4830

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Multimodal Medical Image Fusion based on Gray Wolf Optimization and Hilbert Transform	Kamaldeep Kaur, Sumit Budhiraja, Neeraj Sharma	University Institute of Engineering & Technology	Biomedical & Pharmacology Journal	2019 - 2020	0974-6242
Piperlongumine, a piper alkaloid targets Ras/PI3K/Akt/mTOR signaling axis to inhibit tumor cell growth and proliferation in DMH/DSS induced experimental colon cancer	Prof. Navneet Agnihotri	Department of Biochemistry	Biomedicine & Pharmacotherapy	2019 - 2020	0753-3322
Plant Nanobionic Effect of Multi-walled Carbon Nanotubes on Growth, Anatomy, Yield and Grain Composition of Rice	Anjali Joshi, Lomeshwar Sharma, Simranjeet Kaur, Keya Dharamvir, Harsh Nayyar and Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	BioNanoScience	2019 - 2020	2191-1649
Effect of Short-term Curcumin exposure and its Modulatory Role on Acute Cadmium Hepatotoxicity.	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Bionatura	2019 - 2020	DOI. 10.21931/RB/2019.04.03.9
Design, Synthesis and Biological Evaluation of Triazole-Oxadiazole Conjugates for the Management of Cognitive Dysfunction.	Jain, A. &&& Piplani, P.	University Institute of Pharmaceutical Sciences	Bioorg. Chem., 103: 104151	2019 - 2020	0045-2068.
Efficacy of TLR7 Agonistic Imidazoquinoline as Immunochemotherapeutic Agent Against Murine Cerebral Malaria.	Saroa, R.; Kaushik, D.; Bagai, U.; Kaur, S;* Salunke, D. B.	Department of Chemistry	Bioorganic and Medicinal Chemistry Letters	2019 - 2020	1099-1105
Development of an Efficient Transformation System for Halotolerant Yeast Debaryomyces hansenii	MINHAS, A. P. , D.. P. and Bisw	University Institute of Engineering & Technology	Bio-protocol 9(17):e3352. DOI: 10.21769/BioProtoc.	2019 - 2020	ISSN: 2331-8325
Integration of VEK-30 peptide enhances fibrinolytic properties of staphylokinase	Timsy Bhando, Satish Singh, Mangesh Dattu Hade, Jagdeep Kaur, KL Dikshit	Department of Biotechnology	Biotechnol Appl Biochem	2019 - 2020	1470-8744
Optimization of Carotenoids production by Rhodotorula mucilaginosa (MTCC-1403) using agro-industrial waste in Bioreactor: A statistical approach	Rajan Sharma, Gargi Ghoshal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Biotechnology Report	2019 - 2020	2215017X
Isolation and Characterization of a thermophilic laccase from a newly isolated alkalophilic Alcaligenes faecalis and Application in decolorization of synthetic dyes	Seema Mehandia, SC Sharma, Shailendra Kumar Arya	University Institute of Engineering & Technology	Biotechnology Reports	2019 - 2020	e00413
Isolation and characterization of an alkali and thermostable laccase from a novel Alcaligenes faecalis and its application in decolorization of synthetic dyes	Prof. Suresh Chander Sharma	Department of Biochemistry	Biotechnology reports.	2019 - 2020	2215-017X (Electronic) 2215-017X (Linking)

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Genome-wide identification and characterization of abiotic-stress responsive SOD (superoxide dismutase) gene family in Brassica juncea and B. rapa.	Verma D, Lakhanpal N, Singh K	Department of Biotechnology	BMC Genomics.	2019 - 2020	1471-2164
Effects of altered maternal folate and vitamin B12 on neurobehavioral outcomes in F1 male mice.	Prof. Rajat Sandhir	Department of Biochemistry	Brain Res Bull .	2019 - 2020	0361-9230 (Print) 1873-2747 (Electronic) 0361-9230 (Linking)
Discrepancy between Self-reported and Recorded Age and Height among Students: a Forensic Anthropological Investigation	Monika Singh, Jagmahender Singh Sehrawat	Department of Anthropology	Brazilian Journal of Forensic Sciences, Medical Law and Bioethics	2019 - 2020	2237-261X (Online)
Fingerprint ridge density among convicted male and females Prisoners: A pilot study	Dr. Maninder Kaur	Department of Anthropology	Brazilian Journal of Forensic Sciences, Medical Law and Bioethics	2019 - 2020	2237-261X (Online)
Role of Dental Pathologies and other Anomalies in Forensic Identification of Unknown Human Skeletal Remains: a Review	Jagmahender Singh Sehrawat, Deeksha Sankhyan, Monika Singh	Department of Anthropology	Brazilian Journal of Forensic Sciences, Medical Law and Bioethics	2019 - 2020	2237-261X (Online)
Stature Determination from the Hand Dimensions among the Adolescent Boys and Girls of Ladakhi Population of Jammu and Kashmir (India)	Mohammad Ali, Jagmahender Singh Sehrawat	Department of Anthropology	Brazilian Journal of Forensic Sciences, Medical Law and Bioethics	2019 - 2020	2237-261X (Online)
Voxel based evaluation of sequential radiotherapy treatment plans with different dose fractionation schemes	Dr. Vivek Kumar	Centre for Medical Physics	British Journal of Radiology, Vol. 93, Issue 1112, pp. 20200197	2019 - 2020	print: 0007-1285 ISSN (online): 1748-880X
Oxidative stress and toxico-pathic lesions in Cyprinus carpio exposed to malachite green	Sinha, R., Jindal, R.	Department of Zoology	Bulletin of Environmental Contamination and Toxicology	2019 - 2020	ISSN / eISSN: 0007-4861 / 1432-0800
Probing the Links Between Team Resilience, Competitive Advantage, and Organizational Effectiveness: Evidence from Information Technology Industry business	Sanjeev K. sharma	University Institute of Applied Management Sciences	Business Perspectives and Research	2019 - 2020	2278-5337

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Probing the Links Between Team Resilience, Competitive Advantage, and Organizational Effectiveness: Evidence from Information Technology Industry Vol.8(2), pp289-307	Shikha Sharma, Sharma S.K	University Institute of Applied Management Sciences	Business Perspectives and Research (2020)	2019 - 2020	2394-9937
Valuing Data Visualization in Business Decisions: A Case of Havells	Hargovind Kakkar, Prof. Sanjay Kaushik, Swabhi Gupta	University Business School	Case Centre	2019 - 2020	919-0036-1
E-waste Disposal System in India vis-a-vis Human Right Violations	Dr. Pushpinder Kaur	University Institute of Legal Studies	CASIHR Journal on Human Right Practice	2019 - 2020	2581-4834
TCF 4 tumor suppressor: a molecular target in the prognosis of sporadic colorectal cancer in humans	Prof. Akhtar Mahmood	Department of Biochemistry	Cellular & Molecular Biology Letters	2019 - 2020	1689-1392
Prospects of silatranyl dye derivatives in cotton dyeing process and dye effluent treatment: a comparative study of methyl red and its silatranyl derivative	Singh, H., Singh, R., Kaur, V.	Department of Chemistry	Cellulose 2019, 26(5), pp. 2885-2894	2019 - 2020	0969-0239
Strategically designed reduced graphene oxide based magnetic responsive nanocatalysts for the attenuation of recalcitrant pollutants	Surbhi Kapoor, Vinod Kumar, K. B. Tikoo, Bhupendera Chudasama, Neetu Goel and Sonal Singhal	Department of Chemistry	Ceramics International	2019 - 2020	0272-8842
Tuning of structural, optical and toxicological properties of Gd3+ doped Yb2O3 nanoparticles	Savita Chaudhary, Sushil Kumar, Ganga Ram Chaudhary	Department of Chemistry	Ceramics International	2019 - 2020	0272-8842
Microgel-stabilized liquid crystal emulsions enable an analyte-induced ordering transition	Abhijit Dan*, Priyanshi Agnihotri, Monia Brugnoli, Jerome J. Crassous and Walter Richtering	Department of Chemistry	Chemical Communications	2019 - 2020	1359-7345
Optical pico-biosensing of lead using plasmonic gold nanoparticles and a cationic peptide-based aptasensor	Manju Solra, Rajni Bala, Nishima Wangoo, Gurpreet K. Soni, Munish Kumar, Rohit K. Sharma	Department of Chemistry	Chemical Communications 2020, 56, 289-292	2019 - 2020	1359-7345
Synthesis, characterization, antibacterial and DNA photocleavage study of 1-(2-Arenethyl)-3, 5-dimethyl-1 H - pyrazoles	T. Sharma, Vinit, Sakshi, S. Bawa, V. Kumar, J. Singh, Ramesh Kataria, B. Singh, V. Kumar	Department of Chemistry	Chemical Data Collections	2019 - 2020	24058300
Optimization and modeling of UV-TiO2 mediated photocatalytic degradation of golden yellow dye through response surface methodology	Pankaj Chawla,S.K. Sharma, &A.P. Toor	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chemical Engineering Communications	2019 - 2020	986445

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Encrustation of cadmium sulfide nanoparticles into the matrix of biomass derived silanized cellulose nanofibers for adsorptive detoxification of pesticide and textile waste	Komal, Kanu Gupta, Vinod Kumar, K.B.Tikoo, Anupama Kaushik and Sonal Singhal	Department of Chemistry	Chemical Engineering Journal	2019 - 2020	1385-8947
UVC radiation for food safety: An emerging technology for the microbial disinfection of food products	Singh, H., Bhardwaj, S. K., Khatri, M., Kim, K. H., & Bhardwaj, N.	University Institute of Engineering & Technology	Chemical Engineering Journal	2019 - 2020	13858947
Crystal structure, Hirshfeld surface and DFT based NBO, NLO, ECT and MEP of benzothiazole based hydrazone	Kiran Singha, Indu bala, Ramesh Kataria	Department of Chemistry	Chemical Physics	2019 - 2020	0301-0104 (print); 1873-4421 (web)
Fabrication of water soluble and luminescent Eu ₂ O ₃ nanoparticles for specific quantification of aromatic nitrophenols in aqueous media	Savita Chaudhary. Sandeep Kumar, S.K. Mehta, Ahmad Umar, M.A. Khan	Department of Chemistry	Chemical Physics Letters	2019 - 2020	0009-2614
Nitric oxide monooxygenation (NOM) reaction of a Cobaltnitrosyl {Co(NO)} ₈ to Coll-nitrito{Coll(NO ₂ -)}:Base induced hydrogen gas (H ₂) evolution	Sandip Das, Kulbir, Somnath Ghosh, Subash Chandra Sahoo, and Pankaj Kumar	Department of Chemistry	Chemical Science 2020, 2020,11, 5037-5042	2019 - 2020	2041-6520
Multifunctional Receptor with Tunable Selectivity: A Comparative Recognition Profile of Organic Nanoparticles with Carbon Dots	G. Kaur, H. Kaur, A. Singh, M. Chaudhary, N. Kaur, N. Singh, K. C. Jena	Department of Chemistry	Chemistry An Asian Journal	2019 - 2020	1861-4728
A Facile and Stereoselective Synthesis of 3-Phenylsulfinylβ-lactams Using Selectfluor	Renu Thapar	University Institute of Engineering & Technology	Chemistry select	2019 - 2020	2365-6549
Sulfonimidoyl Azide: A Novel Precursor for the Direct and Rapid Access to N-Aryl Sulfonimidamides via Cu–Catalyzed Chan-Evans-Lam Reaction with Boronic Acids under Mild And Efficient Condition	S. Ravindra, J. Rohith, C. P. Irfana Jesin, Ramesh Kataria, Ganesh Chandra Nandi	Department of Chemistry	Chemistry Select	2019 - 2020	2365-6549
Water mediated, Highky-efficient and improved protocol for the synthesis of vesamicol, its analogues and b-blockers through the highly chemoselective aminolysis of epoxides	J. Agarwal, R. K. Peddinti	Department of Chemistry	Chemistry Select	2019 - 2020	2365-6549
Exceptionally Plastic/Elastic Organic Crystals of a Naphthalidenimine-Boron Complex show Flexible Optical Waveguide Properties	Naim K., Singh M., Sharma S., Nair R. V., Venugopalan P., Sahoo S. C., Neelakandan P. P.	Department of Chemistry	Chemistry-A European Journal	2019 - 2020	0947-6539
Mechanistic details and conformational behavior of selective peptide linkage facilitated by Au clusters	S. Yadav, M. Springborg, Sonal Singhal, M. Molayem and Neetu Goel	Department of Chemistry	ChemistrySelect	2019 - 2020	2365-6549

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Genotoxicity induced by hexavalent chromium leading to eryptosis in Ctenopharyngodon idellus	DR. RAJINDER JINDAL	Department of Zoology	Chemosphere	2019 - 2020	ISSN / eISSN: 0045-6535 / 1879-1298
Hexavalent chromium-induced toxic effects on the antioxidant levels, histopathological alterations and expression of Nrf2 and MT2 genes in the branchial tissue of Ctenopharyngodon idellus	Dr. Rajinder Jindal	Department of Zoology	Chemosphere	2019 - 2020	0045-6535
Insights into the tolerance and phytoremediation potential of Coronopus didymus L. (Sm) grown under zinc stress	Sidhu, G.P.S., Bali, A.S., Singh, H.P., Batish, D.R., Kohli, R.K.	Department of Botany	Chemosphere	2019 - 2020	456535
Single-Atom Catalysis Using Chromium Embedded in Divacant Graphene for Conversion of Dinitrogen to Ammonia	M.Riyaz and N. Goel	Department of Chemistry	ChemPhysChem	2019 - 2020	1439-4235
Measurement of the integrated luminosity of the Phase 2 data of the Belle II experiment	Sunil Bansal	University Institute of Engineering & Technology	Chinese Physics C	2019 - 2020	"Online ISSN: 2058-6132 Print ISSN: 1674-1137"
Culture Increasing the problem of Recidivism: an analysis	Sukhbir Kaur	P.U. S.S. Giri Regional Centre, Hoshiarpur	Chintan Research Journal	2019 - 2020	22297227
Clinico-genetic model to predict methotrexate intolerance in rheumatoid arthritis	Prof. Archana Bhatnagar	Department of Biochemistry	Clin Rheumatol	2019 - 2020	0770-3198 (Print) 1434-9949 (Electronic) 0770-3198 (Linking)
Total bilirubin levels decrease in HCV patients.	Neelam Goel	University Institute of Engineering & Technology	Clinical Biochemistry	2019 - 2020	0009-9120
Phase Space Reconstruction of EEG Signals for Classification of ADHD and Control Adults	Simranjit Kaur, Sukhwinder Singh, Priti Arun, Damanjeet Kaur	University Institute of Engineering & Technology	Clinical EEG and neuroscience	2019 - 2020	15500594
Phase Space Reconstruction of EEG Signals for Classification of ADHD and Control Adults	damanjeet kaur	University Institute of Engineering & Technology	Clinical EEG and neuroscience	2019 - 2020	15500594

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Extending arms of insulin resistance from diabetes to Alzheimer’s disease: Identification of potential therapeutic targets.	Prof. Rajat Sandhir	Department of Biochemistry	CNS Neurol Disord Drug Targets .	2019 - 2020	1871-5273 (Print) 1996-3181 (Electronic) 1871-5273 (Linking)
Ethylene Glycol Functionalized Gadolinium Oxide Nanoparticles as a Potential Electrochemical Sensing Platform for Hydrazine and p-Nitrophenol.	Savita Chaudhary, Sandeep Kumar, Sushil Kumar, G.R. Chaudhary, S.K. Mehta,	Department of Chemistry	Coatings	2019 - 2020	2079-6412
Study of antimicrobial activity of silver nanoparticles synthesized using green and chemical approach	V Chahara , Bhawna Sharmab , Geeta Shuklab , Alok Srivastavaa , Archana Bhatnagarc,*	Department of Chemistry	Colloids and Surfaces A	2019 - 2020	9277757
Assessing the potential application of bio-compatibly tuned nanosensor of Yb2O3 for selective detection of imazapyr in real samples	S. Kumar, S. Sachdeva, Savita Chaudhary, G.R. Chaudhary	Department of Chemistry	Colloids and Surfaces A 593 (2020) 124612.	2019 - 2020	0927-7757
ultrasonication on microbial strains and breast cancer cell line MDA MB 231	ShivaniUppala,Pratibha Sharma, Rajendra Kumar, Khushwinder Kaur, AlkaBhatia, S.K.Mehta	Department of Chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2019 - 2020	0927-7757
Toxicity assessment of palladium oxide nanoparticles derived from metallosurfactants using multi assay techniques in Allium sativum	Varsha Dogra Gurpreet Kaur, Rajeev Kumar, Sandeep Kumar	Department of Chemistry	Colloids and surfaces B 187, 110752	2019 - 2020	0927-7765
QbD-steered development of biotin-conjugated nanostructured lipid carriers for oral delivery of chrysin: role of surface modification for improving biopharmaceutical performance	Sharma, T., Katare, O.P., Jain, A., Jain, S., Chaudhari, D., Borges, B. and Singh, B.	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces	2019 - 2020	0927-7765.
Annihilators of Polynomials	Anjana Khurana	Department of Mathematics	Communications in Algebra	2019 - 2020	0092-7872
Cassia fistula ameliorates chronic toxicity of cypermethrin in Catla catla.	Sharma, R. and Jindal, R. and Faggio, C	Department of Zoology	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	2019 - 2020	15320456, 18781659
Complex network based comparative analysis of Delhi Metro network and its extension, Physica A: Statistical Mechanics and its Applications,	Kushal Kanwar, Sakshi Kaushal, Harish Kumar	University Institute of Engineering & Technology	Complex network based comparative analysis of Delhi Metro network and its extension, Physica A: Statistical Mechanics and its Applications,	2019 - 2020	Volume 526, 15 July 2019, 120991

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Polymer nanocomposite reinforced with selectively synthesized coiled carbon nanofibers	A. Thakur, A. Manna, S. Samir, and P. Jindal	University Institute of Engineering & Technology	Composite Interfaces	2019 - 2020	0927-6440
Developments in the stratigraphy of the Deccan Volcanic Province, peninsular India.	Ashu Khosla	Department of Geology	Comptes Rendus- Geoscience (Elsevier)	2019 - 2020	16310713
Anticancer SAR establishment and novel accruing signal transduction model of drug action using biscoumarin scaffold. Computational Biology and Chemistry 2019, 83,107104	Mayank, Singh, A., Kaur, N., Garg, N., Singh, N.	Department of Chemistry	Computational biology and chemistry	2019 - 2020	1476-9271
Modified online Newton step based on element wise multiplication	Charanjeet and Anuj Sharma	Department of Computer Science & Applications	Computational Intelligence	2019 - 2020	1467-8640
Finite element analysis of titanium alloy-graphene based mandible plate	P. Jindal, F. Worcester, K. Walia, A. Gupta, and P. Breedon	University Institute of Engineering & Technology	Computer methods in biomechanics and biomedical engineering	2019 - 2020	1025-5842
A comprehensive survey of service function chain provisioning approaches in SDN and NFV architecture	Krishan Kumar, Veenu Mangat	University Institute of Engineering & Technology	Computer Science Review	2019 - 2020	15740137
Computer-aided diagnosis of renal lesions in CT images: A comprehensive survey and future prospects	Ravinder Kaur, Mamta Juneja and A. K. Mandal	University Institute of Engineering & Technology	Computer-aided diagnosis of renal lesions in CT images	2019 - 2020	Vol. 77,pp. 423-434
Wireless sensor networks for greenhouses: An end-to-end review,	Naresh Kumar,	University Institute of Engineering & Technology	Computers and Electronics in Agriculture,	2019 - 2020	0168-1699
A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Computing and Software for Big Science (2020) 4:10	2019 - 2020	25102044
Multi-criteria workflow scheduling on clouds under deadline and budget constraints	Mala Kalra and Sarbjeet Singh	University Institute of Engineering & Technology	Concurrency and Computation: Practice and Experience	2019 - 2020	Vol. 31 (17),Pp. 1-16
Predictive Model for Hardware Calibration to Transmit Real-time Applications in VoIP Networks, Concurrency and Computation Practice and Experience,	4. Nishant Gupta, Nitish Mahajan, Sakshi Kaushal, Naresh Kumar, Harish Kumar, Arun Kumar Sangaiah	University Institute of Engineering & Technology	Concurrency and Computation: Practice and Experience	2019 - 2020	vol. 2019(2), pp. 1-13,
Performance Strategies among male sprinters and jumpers	Prof. Gurmeet Singh	Department of Physical Education	conference world	2019 - 2020	978-81-944855-2-0
Evaluation of efficacy and safety of a novel lipogel containing diclofenac: A randomized, placebo controlled, double-blind clinical trial in patients with signs and symptoms of osteoarthritis.	Bhatia, A., Goni, V., Chopra, S., Singh, B. and Katare, O.P.,	University Institute of Pharmaceutical Sciences	Contemporary Clinical Trials Communications, 100664.	2019 - 2020	2451-8654.

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Beyond Access and Inclusion: Dalit Experiences of Participation in Higher Education in Rural Punjab	Dr Angrej Singh Gill	P.U. Rural Centre, Kauni, Muktsar	Contemporary Voice of Dalit	2019 - 2020	
Beyond Access and Inclusion: Dalit Experiences of Participation in Higher Education in Rural Punjab, 2020	Kamlesh Narwana	P.U. Rural Centre, Kauni, Muktsar	Contemporary Voice of Dalit	2019 - 2020	2455328X, 24560502
Beyond Access and Inclusion: Dalit Experience of Participation in Higher Education in Rural Punjab	Kamlesh Narwana	P.U. Rural Centre, Kauni, Muktsar	Contemporary Voice of Dalits	2019 - 2020	
Chemodosimeters for optical detection of fluoride anion	S. Dhiman, M. Ahmad, N. Singla, G. Kumar, P. Singh, V. Luxami, N. Kaur, S. Kumar	Department of Chemistry	Coordination Chemistry Reviews 405 (2020) 213138	2019 - 2020	0010-8545
Rare earth metal–organic frameworks (RE-MOFs): Synthesis, properties, and biomedical applications.	Younis, S. A., Bhardwaj, N., Bhardwaj, S. K., Kim, K. H., & Deep, A.	University Institute of Engineering & Technology	Coordination Chemistry Reviews,	2019 - 2020	1873-3840
Nail Psoriasis Treatment: Insights into Current Progress and Future Trends.	Nirbhavane, P., Sharma, G., Verma, S., Jadon, R.S., Singh, B., Katare, O.P.,	University Institute of Pharmaceutical Sciences	Critical reviews in therapeutic drug carrier systems, 37, 135-159.	2019 - 2020	07434863, 2162660X
Systematic development of drug nanocargos using Formulation by Design (FbD): An Updated Overview.	Singh, B., Sharma, T., Saini, S., Kaur, R., Jain, A., Raza, K. and Beg, S.	University Institute of Pharmaceutical Sciences	Critical Reviews? in Therapeutic Drug Carrier Systems. 37(3): 229-269.	2019 - 2020	07434863, 2162660X
A Doubly Interpenetrated CuII Metal–Organic Framework for Selective Molecular Recognition of Nitroaromatics	P. Rani, Gauri, A. Husain, K. K. Bhasin and Girijesh Kumar*	Department of Chemistry	Cryst. Growth Des., 2020, 20, 7141–7151	2019 - 2020	1528-7483
Sustainable synthesis of ambrisentan–syngic acid cocrystal: employing mechanochemistry in the development of novel pharmaceutical solid form	Haneef, J., Chadha, R.	University Institute of Pharmaceutical Sciences	Crystal Engineering & Communication.	2019 - 2020	1466-8033
Effect of Bi Substitution on Cs3Sb2Cl9: Structural Phase Transition and Band Gap Engineering	Abinash Pradhan, Subash Chandra Sahoo, Akshay Kumar Sahu, and Saroj L. Samal	Department of Chemistry	Crystal Growth & Design	2019 - 2020	1528-7483
Exceptionally Lanthanide Contraction in Action: Structural Variations in 13 Lanthanide(III) Thiophene-2,5-dicarboxylate Coordination Polymers (Ln = La–Lu, Except Pm and Tm) Featuring Magnetocaloric Effect Slow Magnetic Relaxation, and Luminescence-Lifetime-based Thermometry	Kumar M., Li L. Q., Zaręba J. K., Tashi L., Sahoo S.C., Nyk M., Liu S. J., Sheikh H. N.	Department of Chemistry	Crystal Growth & Design	2019 - 2020	1528-7483
Graphene Templated Cobalt Nanoparticles Embedded Nitrogen-Doped Carbon Nanotubes for Efficient Visible-Light Photocatalysis	Kotal M.; Sharma A.; Jakhar Sonu.; Mishra V.; Roy S.; Sahoo S. C.; Sharma H.; Mehta S. K.	Department of Chemistry	Crystal Growth & Design	2019 - 2020	1528-7483

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Lanthanide Contraction in Action: Structural Variations in 13 Lanthanide(III) Thiophene-2,5-dicarboxylate Coordination Polymers (Ln = La–Lu, Except Pm and Tm) Featuring Magnetocaloric Effect, Slow Magnetic Relaxation, and Luminescence-Lifetime-based Thermometry	Kumar M., Li L. Q., Zaręba J. K., Tashi L., Sahoo S.C., Nyk M., Liu S. J., Sheikh H. N.	Department of Chemistry	Crystal Growth & Design	2019 - 2020	1528-7483
Mechanochemical Synthesis of a New Triptycene Based Imine Linked Covalent Organic Polymer for Degradation of Organic Dye	Kawal Preet, Gupta, G.; Kotal, M.; Kansal, S. K.; Salunke, D. B.; Sharma, H. K.; Sahoo, S. C.; Van D	Department of Chemistry	Crystal Growth and Design	2019 - 2020	2525-2530
Synthesis, Thermal Analysis, and Crystal Structure of Hydrogen Bonded Mesogen Derived from 4-Octylbenzoic Acid and 4,4'-Bipyridine	Shivangi Sharma, Gurpreet Kour, G. Singh, S. C. Sahoo, and R. K. Bamezai	Department of Chemistry	Crystallography Reports, 2020, 65(6), 885–890	2019 - 2020	1063-7745
Nature of fluorine interactions in ‘wheel and axle’ topology based hexa-coordinated Sn(IV)-porphyrins: An experimental and theoretical analysis	Rani, J., Ashim, Ahamed, J.I., Adhikari, D., Natarajan, P., Venugopalan, P., Patra, R.	Department of Chemistry	CrystEngCom	2019 - 2020	1463-0184
Luminescent CdII Metal–Organic Frameworks based on Isoniazid using Mixed Ligand Approach	A. Husain, P. Rani, Alisha, A. Sharma, T. Mondal, S. Saha, K. K. Bhasin, M. Trivedi and Girijesh Kum	Department of Chemistry	CrystEngComm	2019 - 2020	1466-8033
Wheel-and-axle topology-driven halogen bonds: formation of ladder, 1D and 2D networks in hexa-coordinated Sn(IV) porphyrins	Rani, J., Kaur, G., Sushila, Diksha, Yadav, R., Kataria, R., Venugopalan, P., Natarajan, P., Chaudha	Department of Chemistry	CrystEngComm	2019 - 2020	1466-8033
Molecular dynamics assisted mechanistic insight of Val430-Ala mutation of Rv1592c protein in isoniazid resistant Mycobacterium tuberculosis.	Arbind Kumar, Pradeep K Anand, Sahil Chandel, Anju Shrivastava, Jagdeep Kaur	Department of Biotechnology	Curr Comput Aided Drug Des.	2019 - 2020	1875-6697
Turning Foes to Friends: Knocking Down Diabetes Associated SGLT2 Transporters and Sustaining Life	Ankit Gupta, Sheenu Mittal, Monika, Richa Dhingra and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Current Diabetic Reviews	2019 - 2020	1573-3998
An Insight into its Novel Delivery Cargos for Psoriasis Management	Kadian, V., Sunil K., Komal S., Vandita., and Rekha R. Dithranol	University Institute of Pharmaceutical Sciences	Current Drug Abuse Reviews	2019 - 2020	1874-4745.

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Synthesis and Study of Some 17a-aza-D-homo Steroids as 5α-Reductase Inhibitors	Priyanka Rana, Neelima Dhingra, Poonam Arora, Richa Dhingra, Monika Chauhan and Ankit Gupta	University Institute of Pharmaceutical Sciences	Current Drug Discovery Technologies	2019 - 2020	1570-1638
In Silico Investigation: Opening Doors to Novel Thymidylate Synthase Inhibitors	Sheenu Mittal, Ankit Gupta, Monika, Richa, Renu Chadha and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Current Enzyme Inhibitors	2019 - 2020	1573-4080
In Silico Characterization of a Unique Plant-Like "Loopful" GH19 Chitinase from Newly Isolated Chitinophaga sp. YS-16	Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	Current Microbiology	2019 - 2020	1432-0991
Nanocargos: A burgeoning quest in cancer management	Jain, A., Sharma, T., Saini, S., Katare, O.P., Soni, V. and Singh, B.	University Institute of Pharmaceutical Sciences	Current Nanomedicine	2019 - 2020	2468-1881
When nature decides who stays and who goes: Priority effects extirpating the non-native brown trout Salmo trutta fario L. population from a Himalayan river	DR. Y K RAWAL	Department of Zoology	Current Science	2019 - 2020	ISSN / eISSN: 0011-3891
Quantification of phytochemicals in the pseudobulbs of Crepidium acuminatum (D. Don) Szlach-a critically endangered medicinal plant	Mamta Arora, Gurjinder Kaur, Satnam Singh, Anupama Mahajan, Jaspreet K. Sembi	Department of Botany	Current Trends in Biotechnology and Pharmacy 13 (4): 366-375	2019 - 2020	Quantification of phytochemicals in the pseudobulbs of Crepidium acuminatum (D. Don) Szlach-a critically endangered medicinal plant. Current Trends in Biotechnology

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Ecology of Binwa a Western Himalayan Hill Stream in relation to Water Quality	DR. RAJINDER JINDAL	Department of Zoology	Current World Environment	2019 - 2020	ISSN / eISSN: 0973-4929 / 2320-8031
Developing robust chromatographic methods employing systematic paradigms of Analytical Quality by Design (AQbD).	Beg, S., Sharma, T., Kaur, R., Kaur, R. and Singh, B.	University Institute of Pharmaceutical Sciences	Cutting Edge, 10 (3), 2-8.	2019 - 2020	13. 978-1447936879
A Study of English Pedagogy at Select Government Engineering Universities of Punjab	Chanchal Narang	University Institute of Legal Studies	Daath Voyage Vol. 4	2019 - 2020	ISSN 2455-7544
A highly active copper catalyst for the hydrogenation of Carbon Dioxide to formate under ambient conditions	K. Chaudhary, M. Trivedi, D. T. Masram, A. Kumar, Girijesh Kumar, A. Husain, and N. P. Rath	Department of Chemistry	Dalton Trans., 2020, 49, 2994–3000	2019 - 2020	1477-9226
Constitutional Safeguards to Civil Servants: An Analysis	Dr. Babita Devi	Department of Laws	Dehradun Law Review Volume-11Issue 1	2019 - 2020	2229-3906
Enterococci in the oral cavity of periodontitis patients from different urban socio-economic groups.	Sonia B Bhardwaj, Manjula Mehta, Shaveta Sood	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dent Res J	2019 - 2020	1735-3327
Florid cemento-osseous dysplasia masquerading as osteomyelitis - an exceptional case report in an Indian female	Harveen Kaur	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dental Journal of Advance Studies	2019 - 2020	2321-1482
Upshot of Epigenetics and Famine on Metabolic Syndrome	De. Pulakes Purkait	Department of Anthropology	Diabetes ObesInt J 2019, 4(3): 000207.	2019 - 2020	2574-7770
Association of Angiotensin II Type I Receptor (AGTR1) Gene Polymorphism and Type 2 Diabetes & Nephropathy among the Eastern Indian Bengali Patients	Dr. Pulakes Purkait	Department of Anthropology	Diabetes ObesInt J 2020, 5(1): 000224.	2019 - 2020	2574-7770
Pandava-Lila as a Folk Performance in Garhwal: A Study of Mahabharata Traditions in Uttarakhand (India)	Dr. Priyatosh Sharma	Department of History	Dialog	2019 - 2020	0975-4881
Projection of Stark Demeaning Realities in Dalit Self Narratives	Amandeep	Department of Evening Studies	Dialogue quarterly	2019 - 2020	0973-0095
A new series of 1,3-dimethylxanthine based adenosine A2A receptor antagonists as a non-dopaminergic treatment of Parkinson's disease	Suman Rohilla, Ranju Bansal*, Puneet Chauhan, Sonja Kachler and Karl-Norbert Klotz	University Institute of Pharmaceutical Sciences	Discovery Technologies	2019 - 2020	10. 0745806252.

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Ambreesh kav: Eco-Alalochnatmk Adhian	Harmail Singh	University School of Open Learning	Diviner : A Research Joournal of Humanities and Social Sciences	2019 - 2020	ISSN 0973-8320
Status of Women in North-Western India from a Gendered Perspective	Dr Rajesh Kumar Chander	Department Cum Centre for Women Studies & Development	Diviner: A Research Journal of Humanities and Social Sciences	2019 - 2020	ISSN 0973-8320
Poetics of Dalit Blogs	Ravinder Kaur	University School of Open Learning	Diviner: A Research Journal of Humanities and Social Sciences.	2019 - 2020	DAV College Sector 10 Chandigarh
Sardar Vallabhbhai Patel Tatha unka Bhartiya Savidhan mein Yogdaan (Hindi)	Priyatosh Sharma	Department of History	Drishtikon Kalla, Maanvikki ev Vanjiya KI Manak Shodh Patrika	2019 - 2020	0975-119X
Atorvastatin-loaded solid lipid nanoparticles as eye drops: proposed treatment option for age-related macular degeneration (AMD).	Yadav, M., Schiavone, N., Aranguez, A. I. .G., Giansanti, F., Papucci, L., Lara, M., Singh. M., Kaur, I. P.	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research	2019 - 2020	21903948, 2190393X
Supersaturated LFCS type III self-emulsifying delivery systems of sorafenib tosylate with improved biopharmaceutical performance: QbD-enabled development and evaluation.	Sharma, T., Jain, A., Kaur, R., Saini, S., Kartare, O.P. and Singh, B.	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research. 10(4): 839-861.	2019 - 2020	21903948, 2190393X
Polymer-based prolonged-release nanoformulation of duloxetine: Fabrication, characterization and neuropharmacological assessments	Gurpreet Singh, Amita Sarwal, Sachin Sharma, Priya Prasad, Anurag Kuhad, and Waseem Ali	University Institute of Pharmaceutical Sciences	Drug Development and Industrial Pharmacy	2019 - 2020	03639045, 15205762
Improvement of the optoelectronic and photovoltaic properties of a cyanopyrid-2,6-dione-based donor via molecular engineering	A. K. Hundal, A. Agarwal, M. Jameel, J.-Y. Chen, J.-L. Li, L. Jones, N. Kaur, S. LAngford, A. Gupta	Department of Chemistry	Dyes and Pigments	2019 - 2020	0143-7208
An Evaluation of Decentralized Electrification Through Solar Energy with Special Reference to Solar Street Lights: A Case Study of Punjab	Dr. Navreet (Co-Author)	Department of Public Administration	Dynamics of Public Administration	2019 - 2020	0975-3907
Optimised Transformation Algorithm For Hadoop Data Loading in Web ETL Framework	Gaurav Gupta, Neelesh Kumar, Indu Chhabra	Department of Computer Science & Applications	EAI Endorsed Transactions Scalable Information Systems: Emerging Data Mining, Soft Computing Techniques and their Applications.	2019 - 2020	ISSN: 2032-9407

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Sediment provenance of pre- and post-collisional Cretaceous-Paleogene strata from the frontal Himalaya of northwest India	Colleps, C., McKenzie, R.N., Horton, B.K., Webb, A.A.G. Wai, Y. Ng., Singh, B.P.,	Department of Geology	Earth Planetary Science Letters	2019 - 2020	0012-821X.
Neurotoxic responses in brain of catla catla exposed to cypermethrin: A semiquantitative multibiomarker evaluation	Dr. Rajinder Jindal	Department of Zoology	Ecological Indicators	2019 - 2020	1470-160X
Heavy metal concentration of Chandigarh urban soils due to urbanization in a changing environment: An ecological assessment	Dr. A.N. Singh	Department of Botany	Ecology, Environment and Conservation	2019 - 2020	0971-765 X
An Outlier in the North: Success of the Congress in Punjab	Prof. Ashutosh Kumar	Department of Political Science	Economic and Political Weekly	2019 - 2020	00129976 / Vol. 54, Issue No. 33, 17 Aug, 2019
Industrial Disputes In The Indian Textile Industry	Meenu Saihjpai	University Institute of Legal Studies	ECONOMIC AND POLITICAL WEEKLY	2019 - 2020	NumberISSN (Print) - 0012-9976 ISSN (Online) - 2349-8846
The 2019 Lok Sabha Verdict	Prof. Ashutosh Kumar	Department of Political Science	Economic and Political Weekly	2019 - 2020	August 10, Vol. LIV (32): 17-18, 2019
Imperialism in the Age of Globalisation (Review Article)	Singh, Paramjit	Department of Economics	Economic and Political Weekly, Vol. 55, No. 5	2019 - 2020	ISSN (Print) - 0012-9976 ISSN (Online) - 2349-8846
Comparative cyto- and genotoxicity of 900 MHz and 1800 MHz electromagnetic field radiations in root meristems of Allium cepa	Dr. Shalinder Kaur	Department of Botany	Ecotoxicology and Environmental Safety	2019 - 2020	1476513
SA and AM symbiosis modulate antioxidant defense mechanisms and asada pathway in chickpea genotypes under salt stress	Bharti, A., & Garg, N.	Department of Botany	Ecotoxicology and Environmental Safety, 178, 66-78	2019 - 2020	0147-6513
Synthesis and characterization of CNT/PVDF paper for electronic and energy storage applications	J. K. Gowsamy, Suresh Kumar	University Institute of Engineering & Technology	Emergent Materials	2019 - 2020	25225731

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Gasification of cotton stalk in a downdraft gasifier	Mr.Ravinder K Paul	P.U. S.S. Giri Regional Centre, Hoshiarpur	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2019 - 2020	-----
Three phase time minimization transportation problem	Vanita Verma	Department of Mathematics	Engineering Optimization	2019 - 2020	0305-215X
Three-phase time minimization transportation problem	Kalpana Dahiya	University Institute of Engineering & Technology	Engineering Optimization	2019 - 2020	0305-215X(print); 1029-0273(Electronic)
Contribution of frequency linked pricing control on alfc and avr power system integrated with dfig based wind farms	Y.P. Verma	University Institute of Engineering & Technology	Engineering Science and Technology,	2019 - 2020	2215-0986
Studies on polymorphism of enzyme systems in populations of Apis florea F. (Hymenoptera: Apidae) from Chandigarh and foothills of Himachal Pradesh, North West India.	Rajeev Kumar, and Neelima R Kumar Jaspreet Kaur	University Institute of Engineering & Technology	Entomon	2019 - 2020	3779335
β -Pinene moderates Cr(VI) phytotoxicity by quenching reactive oxygen species and altering antioxidant machinery in maize.	Mahajan, P., Singh, H.P., Kaur, S., Batish, D.R., Kohli, R.K	Department of Botany	Environmen tal Science and Pollution Research; 26 (1), pp. 456-463.	2019 - 2020	
Appraisal of thermal comfort in rural household kitchens of Punjab, India and adaptation strategies for better health.	Ravindra, K., Agarwal, N., Kaur-Sidhu, M. and Mor, S.,	Department of Environment Studies	Environment international	2019 - 2020	0160-4120
Generalized additive models: Building evidence of air pollution, climate change and human health	Ravindra, K., Rattan, P., Mor, S. and Aggarwal, A.N.,	Department of Environment Studies	Environment international	2019 - 2020	0160-4120
Generalized additive models: Building evidence of air pollution, climate change and human health.	Khaiwal Ravindra, Preety Rattan, Suman Mor, Ashutosh Nath Aggarwal	Department of Environment Studies	Environment international	2019 - 2020	0160-4120
Comparative analysis of maize root sRNA transcriptome unveils the regulatory roles of miRNAs in submergence stress response mechanism	Ikbal Azahar, Supriya Ghosh, Ayan Adhikari, Sinchan Adhikari, Doyel Roy, Arun K. Shaw, Kashmir Singh	Department of Biotechnology	Environmental and Experimental Botany	2019 - 2020	0098-8472
Genome-wide investigation of regulatory roles of lncRNAs in response to heat and drought stress in Brassica juncea (Indian mustard)	Garima Bhatia, Aman Singh Deepika Verma Shailesh Sharma and Kashmir Singh	Department of Biotechnology	Environmental and Experimental Botany	2019 - 2020	0098-8472
Sequential microbial-photocatalytic degradation of imidacloprid	Sharma T., Kaur M., Sobti A., Rajor A. and Toor A. P	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environmental Engineering Research	2019 - 2020	1226-1025

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Health concerns on provisional tolerable weekly intake of aluminium in children and adults from vegetables in Mandi-Gobindgarh (India).	DR. SUKHBIR KAUR	Department of Zoology	Environmental Geochemistry & Health	2019 - 2020	0269-4042 / 1573-2983
Environmental impacts of oil spills and their remediation by magnetic nanomaterials	Dr. Neha	University Institute of Engineering & Technology	Environmental Nanotechnology, Monitoring & Management	2019 - 2020	01406736, 1474547X.
Architectonical Frameworks of Porous Graphene: A Potential Stratagem to Combat Nanocontamination in the Environment,	P. Sharma, R. Nain, Savita Chaidhary, R. Kumar,	Department of Chemistry	Environmental Nanotechnology, Monitoring & Management 14, (2020) 100298.	2019 - 2020	2215-1532
Agronomic providences of surface functionalized CuO nanoparticles on Vigna radiate	D. Rohilla, Savita Chaudhary, N. Singh, D.R. Batish, H.P. Singh,	Department of Chemistry	Environmental Nanotechnology, Monitoring & Management 14, (2020) 100338.	2019 - 2020	2215-1532
Distribution and health risk assessment of arsenic and selected heavy metals in Groundwater of Chandigarh, India	Ravindra, K. and Mor, S.,	Department of Environment Studies	Environmental pollution	2019 - 2020	0269-7491
Distribution and health risk assessment of arsenic and selected heavy metals in Groundwater of Chandigarh, India.	Ravindra, K. and Mor, S., 2019	Department of Environment Studies	Environmental pollution	2019 - 2020	0269-7491
Evaluation of groundwater contamination in Chandigarh: Source identification and health risk assessment	Ravindra, K., Thind, P.S., Mor, S., Singh, T. and Mor, S.	Department of Environment Studies	Environmental Pollution	2019 - 2020	0269-7491
Evaluation of groundwater contamination in Chandigarh: Source identification and health risk assessment.	Khaiwal Ravindra, Parteek Singh Thind, Sahil Mor, Tanbir Singh, Suman Mor	Department of Environment Studies	Environmental Pollution	2019 - 2020	0269-7491
A review on mobile phones as bacterial reservoirs in healthcare envi-ronments and potential device decontamina-tion approaches	Dr. Neha Bhardwaj	University Institute of Engineering & Technology	Environmental Research	2019 - 2020	17489326
Assessment of cypermethrin induced hepatic toxicity in Catla catla: A multiple biomarker approach	DR. RAJINDER JINDAL	Department of Zoology	Environmental research	2019 - 2020	ISSN / eISSN: 0013-9351 / 1096-0953
Green synthesis of CuO nanomaterials and their proficient use for organic waste removal and antimicrobial application	MoondeepChauhanabBinduSharma aRajeevKumarbGanga RamChaudharyaAshraf AlyHassancSandeepKumarc	Department of Environment Studies	Environmental Research	2019 - 2020	0013-9351

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Investigating the efficiency of α -Bismuth Zinc oxide heterostructure composite/UV-LED in methylene blue dye removal and evaluation of its antimicrobial activity	Moondeep Chauhan, Teenu Jasrotia, Gurveengeet Kaur, Chander Prakash, Rajeev Kumar, Neeraj Dilbaghi,	Department of Chemistry	Environmental Research	2019 - 2020	0013-9351
Epibrassinolide pre-treatment reduces alkaline-induced oxidative stress in red rice seedlings	M. Sharma, P. Mahajan, H.P. Singh, D.R. Batish, R.K. Kohli	Department of Botany	Environmental Science and Pollution Research	2019 - 2020	9441344
Chemical characterization, phytotoxic, and cytotoxic activities of essential oil of <i>Mentha longifolia</i>	N. Singh, H.P. Singh, D.R. Batish, R.K. Kohli, S.S. Yadav	Department of Botany	Environmental Science and Pollution Research	2019 - 2020	9441344
Detection and identification of dust mite allergens in the air conditioning filters in Chandigarh, India	Kashika Sharma, Khaiwal Ravindra, Suman Mor, Maninder Kaur-Sidhu, Rakesh Sehgal	Department of Environment Studies	Environmental Science and Pollution Research	2019 - 2020	1614-7499
Potential of agro-waste sugarcane bagasse ash for the removal of ammoniacal nitrogen from landfill	Suman Mor, Pooja Negi, Khaiwal Ravindra	Department of Environment Studies	Environmental Science and Pollution Research	2019 - 2020	1614-7499
Potential of agro-waste sugarcane bagasse ash for the removal of ammoniacal nitrogen from landfill leachate.	Mor, S., Negi, P. and Ravindra, K.	Department of Environment Studies	Environmental Science and Pollution Research	2019 - 2020	1614-7499
Water uses, treatment, and sanitation practices in rural areas of Chandigarh and its relation with waterborne diseases.	Ravindra, K., Mor, S. and Pinnaka, V.L.	Department of Environment Studies	Environmental Science and Pollution Research	2019 - 2020	1614-7499
β -Pinene moderates Cr(VI) phytotoxicity by quenching reactive oxygen species and altering antioxidant machinery in maize	Mahajan, P. Singh, H.P Kaur, S Batish, D.R. Kohli, R.K.	Department of Environment Studies	Environmental Science and Pollution Research	2019 - 2020	1614-7499
Interactive effects of polyamines and arbuscular mycorrhiza in modulating plant biomass, N ₂ fixation, ureide, and trehalose metabolism in <i>Cajanus cajan</i> (L.) Millsp. genotypes under nickel stress	Garg, N., & Saroy, K.	Department of Botany	Environmental Science and Pollution Research, 27(3), 3043-3064	2019 - 2020	1614-7499
Enhanced photocatalytic activity of nickel and nitrogen codoped TiO ₂ under sunlight	Sinhmar A., Setia H., Kumar V., Sobti A. and Toor A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environmental Technology and Innovation	2019 - 2020	2352-1864
Toxicological evaluation of metal oxide nanoparticles and mixed exposures at low doses using zebra fish and THP1	Kaur, J., Khatri, M., Puri, S.	University Institute of Engineering & Technology	Environmental toxicology	2019 - 2020	1522-7278
Ellagic acid ameliorates cisplatin induced hepatotoxicity in colon carcinogenesis	Ranawat, Pavitra	Department of Biophysics	Environmental Toxicology	2019 - 2020	15227278

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Cambrian of Himalaya and the Peninsular India-Biozonation, Depositional Environments and Biogeographic Provinces	Singh, B.P., Bhargava, O.N	Department of Geology	Episode: Journal of International Geoscience	2019 - 2020	7053797
Longitudinal wobbling in 133La	S. Sihotra in et al.,	Department of Physics	EPJA	2019 - 2020	1434-6001
Warm water dasacladayence algae from the Ordovician-Silurian of Parahio Valley, Spiti, India	Chaubey, R.S., Vinn, O., Singh, B.P., Bhargava, O.N., Prasad, S.K., Kishore, N	Department of Geology	Estonian Journal of Earth Sciences	2019 - 2020	17364728
Pharmacological inhibition of poly (ADP-ribose) polymerase by olaparib, prevents acute lung injury associated cognitive deficits potentially through suppression of inflammatory response.	Prof. Amarjit Singh Naura	Department of Biochemistry	Eur J Pharmacol	2019 - 2020	0014-2999 (Print) 1879-0712 (Electronic) 0014-2999 (Linking)
Azimuthal correlations of prompt D mesons with charged particles in pp and p{Pb collisions at sNN = 5.02 TeV	Lokesh Kumar,S. Acharya et al. [ALICE Collaboration]	Department of Physics	Eur. Phys. J. C 80, no.10, 979 (2020)	2019 - 2020	14346052, 14346044
Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at s = 13 TeV	Lokesh Kumar,S. Acharya et al. [ALICE Collaboration	Department of Physics	Eur. Phys. J. C 80, no.2, 167 (2020)	2019 - 2020	1434-6044 (print); 1434-6052 (web)
Multiplicity dependence of π , K, and p production in pp collisions at s = 13 TeV	lokesh kumar, S. Acharya et al	Department of Physics	Eur. Phys. J. C 80, no.8, 693 (2020)	2019 - 2020	1434-6044 (print); 1434-6052 (web)
(Anti-)deuteron production in pp collisions at s = 13 TeV	lokesh kumar, S. Acharya et al	Department of Physics	Eur. Phys. J. C 80, no.9, 889 (2020)	2019 - 2020	14346052, 14346044
Observation of quasi- γ bands in Te nuclei	S.S.Tiwary, H.P.Sharma, S.Chakraborty, C.Majumder, G.H.Bhat, J.A.Sheikh, P.Baneerjee, S.Ganguly, S.R	Department of Physics	Eur.Phys.J. A 55, 163 (2019)	2019 - 2020	1434-6001 (print); 1434-601X (web)
Signature splitting in the positive parity bands of 127Xe	S.Chakraborty, H.P.Sharma, S.S.Tiwary, C.Majumder, P.Banerjee, S.Ganguly, S.Rai, P.Popli, S.Modi, P.	Department of Physics	Eur.Phys.J. A 56, 50 (2020) (Feb)	2019 - 2020	1434-6001 (print); 1434-601X (web)
Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s}=13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 79 (2019) 11, 893	2019 - 2020	1434-6044 (print); 1434-6052 (web)

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Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in pp collisions at $\sqrt{s} = 8$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 79 (2019) 11, 969	2019 - 2020	1434-6044 (print); 1434-6052 (web)
Searches for physics beyond the standard model with the M_{T2} variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 80 (2020) 1, 3	2019 - 2020	1434-6044 (print); 1434-6052 (web)
Evidence for WW production from double-parton interactions in proton–proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 80 (2020) 1, 41	2019 - 2020	1434-6044
Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s} = 8$ TeV with the CMS and TOTEM experiments	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 80 (2020) 12, 1164	2019 - 2020	1434-6044 (print); 1434-6052 (web)
Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 80 (2020) 2, 75	2019 - 2020	1434-6044 (print); 1434-6052 (web)
Search for direct pair production of supersymmetric partners to the $\tilde{a}_1$ lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 80 (2020) 3, 189	2019 - 2020	1434-6044 (print); 1434-6052 (web)
Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton–proton collisions at $\sqrt{s} = 13$, $\sqrt{s} = 8$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 80 (2020) 5, 370	2019 - 2020	1434-6044 (print); 1434-6052 (web)
Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV, $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV, $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 80 (2020) 6, 534	2019 - 2020	
Study of central exclusive $\pi^+\pi^-$ production in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 80 (2020) 8, 718	2019 - 2020	1434-6044 (print); 1434-6052 (web)
Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Eur.Phys.J.C 80 (2020) 8, 752	2019 - 2020	1434-6044 (print); 1434-6052 (web)
Search for the 23/2+ isomeric state in ^{125}Te	S.Chakraborty, H.P.Sharma, S.S.Tiwary, Ashok Kumar	Department of Physics	Euro phys.Lett. 125, 52001 (2019)	2019 - 2020	02955075, 12864854

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Sending the Sons Away: Western-Himalayan Songs of Women Alone at Home.	Mahesh Sharma	Department of Evening Studies	European Bulletin of Himalayan Studies	2019 - 2020	1935-2212
Therapeutic progression of quinazolines as targeted chemotherapeutic agents	Ranju Bansal and Anjleena Malhotra	University Institute of Pharmaceutical Sciences	European journal of Medicinal Chemistry	2019 - 2020	0223-5234.
Metal Free, Direct and Selective Deoxygenation of α -Hydroxy Carbonyl Compounds: Access to α,α -Diaryl Carbonyl Compounds	Anil Kumar	University Institute of Engineering & Technology	European Journal of Organic Chemistry	2019 - 2020	10990690, 1434193X
Pharmacological rewriting of fear memories: A beacon for post-traumatic stress disorder in press	Ankit Uniyal, Raghunath Singh, Ansab Akhtar, Jatinder Dhaliwal, Anurag Kuhad, Sangeeta P Sah	University Institute of Pharmaceutical Sciences	European Journal of Pharmacology	2019 - 2020	0014-2999
Pharmacological insight into potential therapeutic agents for the deadly Covid-19 pandemic	Ranjana Bhandari, Garima Khanna, and Anurag Kuhad	University Institute of Pharmaceutical Sciences	European Journal of Pharmacology.	2019 - 2020	0014-2999.
Efficacy of the curcumin to ameliorate ovalbumin induced atopic dermatitis and progression of atopic march in mice	Prof. Amarjit Singh Naura	Department of Biochemistry	Experimental Biology	2019 - 2020	ISSN (print): 0892-6638 ISSN (online): 1530-6860
Protective effects of Gallic acid against COPD linked inflammation and emphysema	Prof. Amarjit Singh Naura	Department of Biochemistry	Experimental Biology	2019 - 2020	ISSN (print): 0892-6638 ISSN (online): 1530-6860
Aberrant ETS-1 signalling impedes the expression of cell adhesion molecules and matrix metalloproteinases in non-segmental vitiligo	DR. RAVINDER KUMAR	Department of Zoology	experimental dermatology	2019 - 2020	ISSN / eISSN: 0906-6705 / 1600-0625600-0625 (Electronic) 0906-6705 (Linking)
eDNA from feathers - a valuable tool and unique source for identification of birds.	Dr. Archana Chauhan	Department of Zoology	Experimental Zoology	2019 - 2020	0972-0030
Co-delivery of isotretinoin and clindamycin by phospholipid-based mixed micellar system confers synergistic effect for treatment of acne vulgaris	Sharma, G., Yachha, Y., Thakur, K., Mahajan, A., Kaur, G., Singh, B., Raza, K. and Katare, O.P.,	University Institute of Pharmaceutical Sciences	Expert Opinion on Drug Delivery	2019 - 2020	1742-5247

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The various facets of dissolution-Pivot to determine drug efficacy, safety and quality	Singh, B.	University Institute of Pharmaceutical Sciences	Express Pharma Pulse	2019 - 2020	978-81-946245-3-0
Human aldose reductase unfolds through an intermediate	Dr. Ranvir Singh	Department Cum National Centre for Human Genome Studies & Research	F1000Research	2019 - 2020	2046-1402
Semisimple finite group algebra of a generalised strongly monomial group	Gurmeet K. Bakshi	Department of Mathematics	Finite Fields and their Applications	2019 - 2020	1071-5797
Phycocyanin alleviates ICV-STZ induced cognitive and molecular deficits via PI3-Kinase dependent pathway.	Agrawal M, Perumal Y, Bansal S, Arora S, Chopra K.	University Institute of Pharmaceutical Sciences	Food and Chemical Toxicology 145:111684	2019 - 2020	0278-6915
Naringenin ameliorates diabetic neuropathic pain by modulation of oxidative-nitrosative stress, cytokines and MMP-9 levels	Pratishtha Singh, Seema Bansal, Anurag Kuhad, Anil Kumar, Kanwaljit Chopra	University Institute of Pharmaceutical Sciences	Food and Function	2019 - 2020	20426496, 2042650X
Thermogravimetric analysis and Chemometric based methods for soil examination: Application to soil forensics	Vishal Sharma	Institute of Forensic Science & Criminology	Forensic Chemistry	2019 - 2020	24681709
Differentiation of locally manufactured Kajal by Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy supported by chemometric analysis	Vishal Sharma	Institute of Forensic Science & Criminology	Forensic Science International	2019 - 2020	0379-0738
Forensic odontological sex determination of Ajnala skeletal remains based on the statistical equations generated from the odontometrics of known teeth	JS Sehrawat , Monika Singh	Department of Anthropology	Forensic Science International: Reports	2019 - 2020	2665-9107
Stature Estimation in Forensic Examinations using Regression Analysis: A Likelihood Ratio Perspective	Vishal Sharma	Institute of Forensic Science & Criminology	Forensic Science International: Reports	2019 - 2020	2665-9107
Mixed broadleaved tree species increases soil phosphorus availability but decreases the coniferous tree nutrient concentration in subtropical China	Dr. A.N. Singh	Department of Botany	Forests	2019 - 2020	NA
Enhancing Bioavailability and Stability of Curcumin Using Solid Lipid Nanoparticles (CLEN): A Covenant for Its Effectiveness.	Gupta T, Singh J, Kaur S, Sandhu S, Singh G, Kaur IP.	University Institute of Pharmaceutical Sciences	Frontiers in bioengineering and biotechnology.	2019 - 2020	2296-4185
Neuroimmune mechanism in signalling of pain during Acute kidney injury	Dr. Veena Puri	Centre for System Biology & Bioinformatics	Frontiers in medicine	2019 - 2020	2296-858X
Metagenomic Insights Into the Taxonomic and Functional Features of Kinema, a Traditional Fermented Soybean Product of Sikkim Himalaya	Jitesh Kumar, Nitish Sharma, Girija Kaushal, Sanjukta Samurailatpam, Dinabandhu Sahoo, Amit K. Rai a	Department of Microbial Biotechnology	Frontiers in Microbiology	2019 - 2020	1664-302X

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Surfactin Like Broad Spectrum Antimicrobial Lipopeptide Co-produced With Sublancin From Bacillus subtilis Strain A52: Dual Reservoir of Bioactives	Dr. Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Frontiers in Microbiology	2019 - 2020	1664-302X
Salmonella strain specificity determines post-typhoid CNS complications: Intervention by Lactiplantibacillus plantarum at gut-brain axis	Kaur, A., Chopra, K., Kaur, I.P., Rishi, P.	University Institute of Pharmaceutical Sciences	Frontiers in Microbiology, section Microbial Symbioses.	2019 - 2020	9.78179E+12
Genomic Dissection and Expression Profiling Revealed Functional Divergence in Triticum aestivum Leucine Rich Repeat Receptor Like Kinases (TaLRRKs)	Shumayla, Shailesh Sharma, Rohit Kumar, Venugopal Mendu, Kashmir Singh and Santosh K Upadhyay	Department of Biotechnology	Frontiers in Plant Science	2019 - 2020	1664-462X
The emerging trends in functional and medicinal beverage research and its health implication	G Ghoshal, SK Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Functional and medicinal beverages	2019 - 2020	978-0-12-816397-9
Medically important interactions of staphylococci with pathogenic fungi. Future Microbiol	Anjna Kumari and Rachna Singh*. (*Corresponding author)	Department of Microbial Biotechnology	Future Microbiology	2019 - 2020	1746-0913
Rv2223c, an acid inducible carboxyl-esterase of Mycobacterium tuberculosis enhanced the growth and survival of Mycobacterium smegmatis	Pratibha Maan, Jagdeep Kaur	Department of Biotechnology	FUTURE MICROBIOLOGY	2019 - 2020	1746-0913
Terpinen-4-ol attenuates quorum sensing regulated virulence factors and biofilm formation in Pseudomonas aeruginosa	SK Bose, M Chauhan, N Dhingra, S Chhibber, K Harjai	University Institute of Pharmaceutical Sciences	Future Microbiology	2019 - 2020	NA
The Living Arts: Valuing skills of Phulkari artisan of Punjab, India	Anu H. Gupta	University Institute of Fashion Technology & Vocational Development	Futurescan 4: Valuing Practice	2019 - 2020	978-1-5272-4969-1
Susham Bedi Ke Katha Sahitya Mein Sanskritik Chetna	Dr. Gurmeet Singh	Department of Hindi	Gagananchal	2019 - 2020	0971-1430
ANRIL rs1333049 C/G polymorphism and coronary artery disease in a North Indian population - Gender and age specific associations	Kaur N, Singh J, Reddy S	Department of Biotechnology	Genet Mol Biol .	2019 - 2020	0100-8455
Comparative genome analysis provides shreds of molecular evidence for reclassification of Leuconostoc mesenteroides MTCC 10508 as a strain of Leu. suionicum	GirijaKaushal, Sudhir P. Singh	Department of Microbial Biotechnology	Genomics	2019 - 2020	0888-7543
Genome-wide characterization reealed role of NBS-LRR genes during powdery mildew infection in Vitis vinifera.	Upadhyay, A., Sharma, S., Goyal, N., Santosh Kumar Upadhyay, Bhatia, G. Garewal, N. Singh, K.	Department of Botany	Genomics	2019 - 2020	NA

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Identification, characterization and expression profiling of cation-proton antiporter superfamily in <i>Triticum aestivum</i> L. and functional analysis of TaNHX4-B.	Sharma, H. Taneja, M. and Santosh Kumar Upadhyay	Department of Botany	Genomics	2019 - 2020	NA
Genome-wide characterization revealed role of NBS-LRR genes during powdery mildew infection in <i>Vitis vinifera</i>	Kashmir Singh	Department of Biotechnology	Genomics .	2019 - 2020	0888-7543.
Jodhpur Sandstone: an Architectonic Heritage Stone from India	Gurmeet Kaur et al.	Department of Geology	Geoheritage	2019 - 2020	1867-2477
Vindhyan Sandstone: a Crowning Glory of Architectonic Heritage from India	Gurmeet Kaur et al.	Department of Geology	Geoheritage	2019 - 2020	1867-2477
Faunal elements from the Deccan volcano-sedimentary sequences of India: A reappraisal of biostratigraphic, palaeoecologic, and palaeobiogeographic aspects.	Ashu Khosla	Department of Geology	Geological Journal (Wiley)	2019 - 2020	721050
Origin of trondhjemite and albitite at the expense of A-type granite, Aravalli orogen, India: Evidence from new metasomatic replacement fronts	Kaur, P., Chaudhri, N. and Eliyas, N.	Department of Geology	Geoscience Frontiers (Elsevier)	2019 - 2020	1674-9871
Rafeeq Hussain ke Afsano'n me Haiwani Hissiyaat	Dr. Ali Abbas	Department of Urdu	Ghalib nama	2019 - 2020	2582-5658
Understanding Gandhi	Dr. Ashu Pasricha	Department of Gandhian and Peace Studies	Glimpses	2019 - 2020	2250-0561
Optimal Tilt Angle Determination for PV panels using Real-Time Data Acquisition	Deepak Kumar	University Institute of Engineering & Technology	Global Challenges	2019 - 2020	2056-6646
Study of Toxic Elements in River Water and Wetland Using Water Hyacinth (<i>Eichhornia crassipes</i>) as Pollution Monitor	Alok Srivastava,* Vikas Chahar, Vishal Sharma, Kollola K. Swain et al	Department of Chemistry	Global Challenges	2019 - 2020	2056-6646
Comparison between prscription of regular or on demand ibuprofenon postoperative pain after single visit Root Canal treatment of mandibular 1st molars with irreversible pulpitis	dr Vandana Chhabra	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Global Journal for research analysis	2019 - 2020	PRINT ISSN NO 2277 - 8160
To assess the knowledge regarding hospital waste management at Inscol hospital, Chandigarh	Nijjiar M, Victor AP, Kumar M, Sharda A.	Centre for Public Health	Global Journal of Engineering Science And Research	2019 - 2020	2348-8034
Influence of Technology on Social Media	Dr. Ashu Pasricha	Department of Gandhian and Peace Studies	Global Media Journal the Network of Communication Scholars	2019 - 2020	

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Green and novel adsorbent from rice straw extracted cellulose for efficient adsorption of Hg (II) ions in an aqueous medium	Vivek Bisla, Gaurav Rattan, Sonal Singhal, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Green and novel adsorbent from rice straw extracted cellulose for efficient adsorption of Hg (II) ions in an aqueous medium International Journal of Biological Macromolecules	2019 - 2020	1418130
A cytochrome c-urea functionalized dipeptide conjugate: an efficient HBD framework to synthesize 4H-pyrans via one-pot multicomponent reaction	S. Saini, Mayank, N. Kaur and N. Singh	Department of Chemistry	Green Chem.	2019 - 2020	1463-9262
A cytochrome c-urea functionalized dipeptide conjugate: an efficient HBD framework to synthesize 4H- pyran via one-pot multicomponent reaction	Saini, S., Mayank, Kaur, N., Singh, N.	Department of Chemistry	Green Chemistry	2019 - 2020	1463-9262
Scientometric analysis of the college and research libraries journal during 2007– 16.	Neeraj Kumar Singh, Deepika Tewari	A C Joshi Library	Gyankosh- The Journal of Library and Information Management	2019 - 2020	2249-3182
A review of major challenges in the field of bagasse cogeneration in sugar mills of India	Dr.Jaswinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	Handbook of Environmental Materials Management	2019 - 2020	978-3-319-58538-3
Gandhi ‘Dhaarmik Rajniti’ Kee Avadhaarana: Ek Adhyayan	Dr. Manish Sharma	Department of Gandhian and Peace Studies	Harigandha a monthly Magazine	2019 - 2020	
Adverse Effects of Orthodontic Aligners & Possible Mechanisms – A Review.	Dr Deepak Kumar Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Heal Talk -A journal of clinical dentistry	2019 - 2020	ISSN print 0975-6329
Nanomaterials in the advancement of hydrogen energy storage	Rasmeet Singh, Ali Altaee, Sanjeev Gautam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Heliyon	2019 - 2020	2405-8440
68Ga-GSH radiocomplex as a new diagnostic probe for targeting colon cancer in rats	Sumeera Sidiq, Dhawan D K, Ravi Ranjan Kumar, Jaya Shukla, Mittal BR, Vijayta D Chadha	Centre for Nuclear Medicine	Hell J Nucl Med	2019 - 2020	ISSN: 1790-5427 (print)
Extremity of Dalit Womanhood in social work in India	Amandeep	Department of Evening Studies	Higher Education and Research	2019 - 2020	ISSN- 2349 0209, 2020.
Availability of Health Infrastructure in Haryana: An Inter-District Analysis	Smita Bhutani	Department of Geography	Hill Geographer	2019 - 2020	ISSN 0970-5023
Conflict and Conflict Resolution Through Dialogue	Dr. Ashu Pasricha	Department of Gandhian and Peace Studies	Himachal Pradesh University Journal (Humanities and Social Sciences	2019 - 2020	2277-1425

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Understanding Ends and Means in a Gandhian Perspective	Dr. Seema Malhotra	Department of Gandhian and Peace Studies	Himachal Pradesh University Journal (Humanities and Social Sciences)	2019 - 2020	2277-1425
A broad climatostratigraphy of the Himalaya	Bhargava, O.N., and Singh, B.P.,	Department of Geology	Himalayan Geology	2019 - 2020	0971-8966
Paleoenvironmental and paleobiogeographical implications of the microfossil assemblage from the Late Cretaceous intertrappean beds of the Manawar area, District Dhar, Madhya Pradesh, Central India	Ashu Khosla	Department of Geology	Historical Biology (Taylor Francis)	2019 - 2020	0891-2963
Efficient privacy-preserving scheme supporting disjunctive multi-keyword search with ranking.	Handa, Rohit, C. Rama Krishna, and Naveen Aggarwal	University Institute of Engineering & Technology	https://onlinelibrary.wiley.com/journal/15320634	2019 - 2020	Concurrency and Computation: Practice and Experience Vol 32, Issue 2, ISSN: 15320626 Online ISSN:1532-0634
Handover optimization scheme for LTE-Advance networks based on AHP-TOPSIS and Q-learning, Computer Communications	Tanu Goayal ,Sakshi koshal	University Institute of Engineering & Technology	https://www.sciencedirect.com/journal/computer-communications	2019 - 2020	vol. 133, pp. 67-76,
Immobilization of mannanase on sodium alginate-grafted- β -cyclodextrin: an easy and cost effective approach for the improvement of enzyme properties	S Dhiman, B Srivastava, G Singh, M Khatri, SK Arya	University Institute of Engineering & Technology	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	2019 - 2020	2352-1864
Kavi Kharah Pani Nahin – Swaranjit Savi	Dr. Yograj	School of Punjabi Studies	HUN ank 43	2019 - 2020	
itihaskari Di Siyast Te Lok-Mukhi itihās	Sukhdev Singh	School of Punjabi Studies	HUN-42	2019 - 2020	
Apocalypse of Terrorism in Kashmir	Dr. Moniva Sarkar	Department of Sociology	IAFOR	2019 - 2020	2186-2303
Integrated sedimentological, ichnological and sequence stratigraphical studies of the Koti Dhaman Formation (Tal Group), Nigali Dhar Syncline, Lesser Himalaya, India: paleoenvironmental, paleoecological, paleogeographic significance	Singh, B.P., Bhargava, O.N., Mikuláš, R., Morrison, S., Kaur, R., Singla, G., Kishore, N., Kumar, N.	Department of Geology	Ichnos	2019 - 2020	10420940
Assessment Health Status of Panjab University Girls Students	Prof. Gurmeet Singh	Department of Physical Education	ICPSHF	2019 - 2020	NA

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Performance Analysis of Modified AODV Routing Protocol With Lifetime Extension of Wireless Sensor Networks	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	IEEE Access	2019 - 2020	2169-3536
Multiwalled Carbon Nanotube Film Composite for Active Vibration Control of Cantilevered Beam.	Sapra G, M. Sharma, R. Vig and S. Sharma	University Institute of Engineering & Technology	IEEE Sensors	2019 - 2020	1530437X
Optimisation of deviation settlement charges using residential demand response under frequency-linked pricing environment	P. Gupta, Y.P. Verma	University Institute of Engineering & Technology	IET Generation, Transmission and Distribution, Volume 13, Issue 12, Pages 2362 - 2371	2019 - 2020	17518687
From Pyramids to state-of-the-art: A study and Comprehensive Comparison of Visible-Infrared Image Fusion Algorithms	Sunil Agrawal,Vig, R	University Institute of Engineering & Technology	IET Image Processing	2019 - 2020	ISSN 1751-9659
Medical fusion framework using discrete fractional wavelets and non-subsampled directional filter banks	Renu Vig	University Institute of Engineering & Technology	IET Image Processing	2019 - 2020	1751-9667
ResDNN: Deep Residual Learning for Natural Image Denoising	Gurprem Singh, Ajay Mittal, Naveen Aggarwal	University Institute of Engineering & Technology	IET Image Processing	2019 - 2020	17519659
From pyramids to state-of-the-art: a study and comprehensive comparison of visible–infrared image fusion techniques.	Vig, R.	University Institute of Engineering & Technology	IET Image Processing.	2019 - 2020	1751-9667
Application of micro pump hydro energy storage for reliable operation of microgrid system	Y.P. Verma	University Institute of Engineering & Technology	IET Renewable Power Generation	2019 - 2020	1752-1416
A Comparative Evaluation Of The Effect Of Various Finish Lines On The Marginal Seal And Occlusal Discrepancy Of Cast Full Crowns After Cementation - An Invitro Study.	SHARIQUE REHAN	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	IJDSIR	2019 - 2020	2581-5989
JOB SATISFACTION OF PRIMARY SCHOOL TEACHERS IN PUNJAB	DR JATINDER GROVER	Department of Education	IJRAR	2019 - 2020	2348-1269
Oxidative stress and immune complexes: Pathogenic mechanisms in pristane induced murine model of lupus.	Prof. Archana Bhatnagar	Department of Biochemistry	Immunobiology	2019 - 2020	0171-2985 (Print) 1878-3279 (Electronic) 0171-2985 (Linking)
SEX DETERMINATION FROM HAND, FOOT, HAND PRINT AND FOOT PRINT MEASUREMENTS OF ADULT PUNJABIS OF NORTH INDIA	RICHA AERI, RAJAN GAUR AND ARUN DEV SHARMA	Department of Anthropology	Ind. J. Phys. Anthropol & Hum. Genet. Vol. 38, No. 1, (2019) : 21-28	2019 - 2020	0378-8156

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Implications of Separation of Powers for Judiciary in India: The Constitutional Jostling	Shruti Bedi	University Institute of Legal Studies	India Foundation Journal, Vol. VIII, No. 1, pp.34-41	2019 - 2020	ISSN 2347-1522
Velocity of Money, Endogenous Money and Rate of Interest	S.P. Padhi	Department of Economics	Indian Economic Journal Vol 66, Issue 1-2, March- June, 2018 (online published August, 29, 2019)	2019 - 2020	0019-4662, online: 2631-617X
Effect of gender , age and martial status on sportsmanship behaviour: A study of school teachers	Dr Upasna Joshi Sethi Harwinder Bharty ,	University Institute of Applied Management Sciences	Indian Global Ascendancy: confluence of innovation and sustaibanility	2019 - 2020	
Differential Iron Status and Trafficking in Blood and Placenta of Anemic and Non-anemic Primigravida Supplemented with Daily and Weekly Iron Folic Acid Tablets	Prof. Rajat Sandhir	Department of Biochemistry	Indian J Clin Biochem .	2019 - 2020	0970-1915 (Print) 0974-0422 (Electronic) 0970-1915 (Linking)
Neurotoxicity of fluoride in ethanol fed rats: Role of oxidative stress, mitochondrial dysfunction and neurotransmitters	Prof. Akhtar Mahmood	Department of Biochemistry	Indian J Exp. Biology	2019 - 2020	0975-1009 (Online); 0019-5189 (Print)
Bacterial Populations in Subgingival Plaque Under Healthy and Diseased Conditions: Genomic Insights into Oral Adaptation Strategies by Lactobacillus sp. Strain DISK7	Dr Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian J Microbiol	2019 - 2020	Electronic ISSN 0973-7715 Print ISSN 0046-8991
Universalisation of cash rent tenancy in Punjab agriculture: the causal factors.	H.S.Shergill	Department of Economics	Indian Journal of Agricultural Economics	2019 - 2020	0019-5014
Comparative secretome analysis of Indian wheat leaf rust Puccinia triticinia	Jaswal R, Dubey H, Kiran K, Kumar P, Prasad Pramod, Gupta N && Sharma TR	Department of Microbiology	Indian Journal of Agricultural Sciences	2019 - 2020	195022
Haematological and biochemical profiling of Ladakhi cow: A native cow of high altitude Leh-Ladakh, India	Dr. Indu Sharma	Department of Zoology	Indian Journal of Animal Sciences	2019 - 2020	ISSN / eISSN: 0367-8318
Housekeeping Department: A study in Hotel Management student's preference & Perspectives	DR Neeraj Aggarwal	University Institute of Hotel and Tourism Management	Indian journal of Applied Hospitality & Tourism research	2019 - 2020	0975-4954

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Evaluation and comparison of different polymerization techniques, curing cycles, and thicknesses of two Denture base Materials	Dr. Sunint Singh	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal Of Dental Research	2019 - 2020	E: 1998-3603 P: 0970-9290
Simple technique to fabricate a crown for abutment of an existing CPD	Dr. Shefali Singla	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal Of Dental Sciences	2019 - 2020	ISSN print:0976-4003, online:2231-2293
Nanoparticles: A promising novel adjunct for dentistry	Dr jagat Bhushan	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal of Dental Sciences.	2019 - 2020	ISSN 2231-2293
Choice Modelling for participation in Milk Marketing Channels: Evidence from Punjab, India	Prof. Pampa Mukherjee	Department of Political Science	Indian Journal of Diary Science	2019 - 2020	ISSN-0019-5146 E-ISSN-2454-2172
Educational Exclusion at Secondary Education Level: Perspectives of Parents and Teachers. Indian Journal of Distance Education	Dr. Mamta Garg	University School of Open Learning	Indian Journal of Distance Education	2019 - 2020	2249-9415
Need for redesigning of Lesson plan for Indian schools	Dr. Mamta Garg	University School of Open Learning	Indian Journal of Distance Education	2019 - 2020	2249-9415
Regional Disparities in Industrial Development: Evidence from Districts of Punjab	Tilak Raj	University Business School	Indian Journal of Economics and Development	2019 - 2020	2277-5412
Performance Evaluation of Clustering Scheme for FANETs based on K means Algorithm and Firefly Optimization	A.S.Kang	P.U. S.S. Giri Regional Centre, Hoshiarpur	Indian Journal of Engg,Chennai	2019 - 2020	ISSN 2319-7757; EISSN 2319-7765
Therapeutic potential of honey bee collected pollen and beebread of Brassica campestris against oxidative stress induced by Salmonella enterica	Dr. N. R. Kumar	Department of Zoology	Indian Journal of Entomology	2019 - 2020	0367-8288(print) 0974-8172(online)
Isolation and molecular identification of α-amylase producing bacteria from hot water spring by 16S rRNA gene sequencing	Himanshu Sharma1, Jagtar Singh1* & Navneet Batra	Department of Biotechnology	Indian Journal of Experimental Biology	2019 - 2020	0019-5189
Isolation and molecular identification of α-amylase producing bacteria from hot water spring by 16S rRNA gene sequencing.	Jagtar Singh	Department of Biotechnology	Indian Journal of Experimental Biology.	2019 - 2020	0975 1009
Effectiveness, Prospects and Constraints of Organic Farming in India: A critical Assessment	Tilak Raj	University Business School	Indian Journal of Hill Farming	2019 - 2020	0970-6429

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Combinatorial biobleaching of Mixedwood pulp with Lignolytic and Hemicellulolytic Enzymes for paper making	Steffy Angural, Monika Rana, Alisha Sharma, Rahul Warmoota, Neena Puri, Naveen Gupta	Department of Microbiology	Indian Journal of Microbiology	2019 - 2020	0046-8991
In-situ Gelling System for Mucoadhesive Site- Specific Drug Delivery for Treatment of Recurrent Vaginal Candidiasis',	Singh, Gurpreet, Shilpa S, Waseem Ali, and Amita Sarwal	University Institute of Pharmaceutical Sciences	Indian Journal of Pharmaceutical Education and Research, 54: 921-34, 2020.	2019 - 2020	0019-5464
Co-abuse of alprazolam augments the hepato-renal toxic effects of methylphenidate	Kaur, Tanzeer	Department of Biophysics	Indian Journal of Pharmacology	2019 - 2020	0253-7613)
Selection intensity among females living along some selected waste water drains of rural areas of punjab	Tejinder Kaur, Dr A.K Sinha	Department of Anthropology	Indian journal of Physical Anthropol and human genetics	2019 - 2020	0378-8156
Pro -social Behaviour and Social Well-Being of Adults	Dr. Anuradha Sharma and Sukhwinder kaur	Department of Community Education & Disability Studies	Indian Journal of Psychological Science	2019 - 2020	0976-9218
Student teachers perceptions on effectiveness of school internship	Kaur, K.	Institute Of Educational Technology & Vocational Education	Indian Journal of Psychological Science	2019 - 2020	0976-9218
Effect of 4MAT model of teaching on achievement in Economics in relation to learning styles	Kaur, K. and Sharma, A.	Institute Of Educational Technology & Vocational Education	Indian Journal of Psychological Science,	2019 - 2020	0976-9218
Burnout, Work Fatigue and Compassion Fatigue Among doctors	Jitendra Mohan and Meena Sehgal and Nayantara Chauhan	Department of Psychology	Indian Journal of Psychology	2019 - 2020	0019-5553
Mindfulness and Mental Health	Jitendera Mohan and Medhavi Gugnani	Department of Psychology	Indian Journal of Psychology	2019 - 2020	0019-5553
Effect of flipped classroom model on achievement in mathematics in relation to critical thinking.	Ram Mehar	University School of Open Learning	Indian Journal of Social Research,	2019 - 2020	ISSN (Print) : 0019-5626,
Resilience in Relation to Self Compassion, Self Efficacy, Flourishing and Stress among College Students	Meena Sehgal and Amreen Sekhon	Department of Psychology	Indian Psychological Review	2019 - 2020	0019-6215
Political Leadership at State Level: Continuity and Change	Prof. Ashutosh Kumar	Department of Political Science	Indian Review	2019 - 2020	264-87, 2019
Liability of intermediary vis-à-vis online obscenity	Amita Verma and Hemlata	University Institute of Legal Studies	Indraprastha Technology Law Journal, No 1 & 2 of 2019	2019 - 2020	ISSN 2394-1839
Inclusive Education for Children with Disabilities: A Critical Analysis with Reference to the Government Schools in U.T. Chandigarh	Bharat (1st Author)	University Institute of Legal Studies	Indraprastha Technology Law Journal	2019 - 2020	2394-1839
Motion of Nanofluid Droplets through Immiscible Quiescent Liquid: An Experimental Study	Aarsee Dhindsa, Ravinder K. Wanchoo, and Amrit P. Toor	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Industrial and Engineering Chemistry research	2019 - 2020	0888-5885

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Appraisal of phytotoxic, cytotoxic and genotoxic potential of essential oil of a medicinal plant Vitexnegundo	M. Issa, S. Chandel, H.P. Singh, D.R. Batish, R.K. Kohli, S.S. Yadav, A. Kumari	Department of Botany	Industrial Crops and Products	2019 - 2020	9266690
Curcumin Ameliorates Ovalbumin-Induced Atopic Dermatitis and Blocks the Progression of Atopic March in Mice.	Prof. Amarjit Singh Naura	Department of Biochemistry	Inflammation	2019 - 2020	0360-3997 (Print) 1573-2576 (Electronic) 0360-3997 (Linking)
Gallic acid protects against the COPD-linked lung inflammation and emphysema in mice	Prof. Amarjit Singh Naura	Department of Biochemistry	Inflammation Research	2019 - 2020	1573-2576
Chromium picolinate attenuates cognitive deficit in ICV-STZ rat paradigm of sporadic Alzheimer’s-like dementia via targeting neuroinflammatory and IRS-1/PI3K/AKT/GSK-3β pathway	Ansab Akhtar, Jatinder Dhaliwal, Ankit Uniyal, Priyanka Saroj, Sangeeta Pilkhwah Sah	University Institute of Pharmaceutical Sciences	Inflammopharmacology	2019 - 2020	0925-4692
Combinatorial therapeutic effect of resveratrol and piperine on murine model of systemic lupus erythematosus	Prof. Archana Bhatnagar	Department of Biochemistry	Inflammopharmacology	2019 - 2020	0925-4692 (Print) 1568-5608 (Electronic) 0925-4692 (Linking)
Prophylactic Effect of Resveratrol and Piperine on Pristane-Induced Murine Model of Lupus-Like Disease	Prof. Archana Bhatnagar	Department of Biochemistry	Inflammopharmacology	2019 - 2020	0925-4692 (Print) 1568-5608 (Electronic) 0925-4692 (Linking)
Pre-segmentation in Offline Handwritten words	Dr Satish Kumar	P.U. S.S. Giri Regional Centre, Hoshiarpur	INFOCOMP Journal of Computer Science	2019 - 2020	1982-3363
Image denoising review: From classical to state-of-the-art approaches.	Agrawal, S.	University Institute of Engineering & Technology	Information Fusion	2019 - 2020	1566-2535
Near-field Communication (NFC): An Alternative to RFID in Libraries: Information Technology and Libraries	Singh, N.K.	A C Joshi Library	Information Technology and Libraries	2019 - 2020	0730-9295
Test kit of chromogenic and ratiometric 1,10-phenanthroline based chemosensor for the recognition of F– and CN– ions	Priya Alreja and Navneet Kaur	Department of Chemistry	Inorganic Chemistry Communications 110 (2019) 107600	2019 - 2020	1387-7003

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Nitric Oxide Dioxygenation (NOD) Reactions of CoIII-peroxo and NiIII-peroxo Complexes:NOD Versus NO Activation	Yenuganti M., Das S., Kulbir., Ghosh S., Bhardwaj P., Pawar S. S., Sahoo S. C., Kumar P.	Department of Chemistry	Inorganic Chemistry Frontiers 2020	2019 - 2020	2052-1545
Preparation and Investigation of Spinel-structured FeCo ₂ O ₄ Nanoparticles as an Efficient Catalyst for Oxidation of Sulfides	Mojtaba Amini, Samaneh Aghamohamadi, Sanjeev Gautam, Keun Hwa Chae	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Inorganic Chemistry Research	2019 - 2020	0020-1669
Metal-Organocatalyst for detoxification of phosphorothioate of phosphorothioate pesticides: Demonstration of acetylcholine esterase activity	Singh, A., Raj, P., Singh, A., Dubowski, J. J., Kaur, N., Singh, N.	Department of Chemistry	Inorganic Chemsitry	2019 - 2020	0020-1669
Ester appended organosilatrane: Paradigm for the detection of Cu ²⁺ , Pb ²⁺ and Hg ²⁺ ion	GurjaspreetSinghaSanchitaaAkshpreetSinghaGeetikaSharmaaPoojaKalraaPinkySatijaaDikshaaSajeevSonibVika	Department of Chemistry	Inorganica Chimica Acta	2019 - 2020	0020-1693.
Systematic optimization of cationic surface engineered mucoadhesive vesicles employing Design of Experiment (DoE): A preclinical investigation.	Amit Verma, Gajanand Sharma, Ankit Jain, Ankita Tiwari, Shivani Saraf, Pritish Kumar Panda	University Institute of Pharmaceutical Sciences	Int J Biol Macromol	2019 - 2020	0141-8130
Oral health knowledge, attitude, and practices among postgraduate students of Panjab University, Chandigarh: a cross-sectional study.	Dr. Leena Verma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Int J Clin Pediatr Dent	2019 - 2020	ISSN: 0974-7052, eISSN: 0975-1904
Establishment of chemically induced Arthritis and Diabetes combined in Wistar Rats An experimental study	Usha Negi, Sanjay Chhibber, Seema Kumari	Department of Microbiology	Intentional Journal of Scientific Research in Biological sciences	2019 - 2020	2347-7520
Integrative Analysis of Multi-Genomic Data for Kidney Renal Cell Carcinoma	Neelam Goel	University Institute of Engineering & Technology	Interdisciplinary Sciences: Computational Life Sciences	2019 - 2020	1867-1462
Modulatory role of quercetin against chlorpyrifos induced blood toxicity in rats	Singla, Neha	Department of Biophysics	Interdisciplinary Toxicology	2019 - 2020	1337-9569
Effect of Blended learning strategy on achievement in economics in relation to motivation to learn	Ram Mehar	University School of Open Learning	Internal journal of scientific & technology research	2019 - 2020	2277-8616
Aggression, Performance Strategies and Psychological well being among female sprinters and throwers: A comparative Study	Prof. Gurmeet Singh	Department of Physical Education	International Journal of Psychology, Nutrition and Physical Education 2019	2019 - 2020	2456-0057
Role of Residential Demand Response in Optimizing Utility Cost in PV Integrated System under Frequency Linked Pricing Environment	Y.P. Verma	University Institute of Engineering & Technology	International Conference on Power Systems	2019 - 2020	15505499
Batesian Approach to Non-Linear State Estimation for Improved Performance of Smart Grid	Nisha Tayal ,Rintu Khanna	University Institute of Engineering & Technology	International Journal of Recent technology and Engineering	2019 - 2020	22773878

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Design and development of a low cost cycle Mounted (rear side) safety system using Ultrasonic sensors and Arduino	Karan Veer Sharma Poonam Kumari H.P.S. Kang	University Centre of Instrumentation and Micro-Electronics	International Journal For Research & Development in Technology (IJRDT)	2019 - 2020	ISSN (O) :- 2349-3585
Correcting Posture: Wearable, real time application for healthy lifestyle	Sachin, Poonam Kumari, HPS Kang	University Centre of Instrumentation and Micro-Electronics	International Journal For Research & Development in Technology(IJRDT)	2019 - 2020	ISSN (O) :- 2349-3585
Chemopreventive activity of Hydroethanolic Murraya koenigii leaves extract (HEMKLE) against chemically induced skin carcinogenesis in mice	Kaur, S	Department of Biophysics	International Journal for Vitamin and Nutrition Research	2019 - 2020	0300-9831 (Print) 0300-9831 (Linking)
Assessment of Eating Out Preference and Nutritional Knowledge Among Students of Panjab University Chandigarh	Dr Anish Slath	University Institute of Hotel and Tourism Management	International Journal of Advanced science & Technology	2019 - 2020	29562962
The role of selected Human Resource policies on job satisfaction of femala employees in the Indian Hotel industry	Dr Neeraj Aggarwal	University Institute of Hotel and Tourism Management	International Journal of Advanced science & Technology	2019 - 2020	29562962
An Optimal Topology Selection for Power Recharging Model in Wireless Sensor Networks	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Advanced Science and Technology	2019 - 2020	2207-6360
Disaster Management – Computer Networking Communication Medium – A Survey	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Advanced Science and Technology	2019 - 2020	2005-4238
Developing Area Level Socioeconomic Index for Risk Estimation Study of Cardiovascular Disease.	Manoj.k.Sharma, Manjushri Sharma, Anurag Sharma	University Institute of Applied Management Sciences	International Journal of Advanced Science and Technology,	2019 - 2020	2207-6360 (Online)
Exploring students’ acceptance of computer technology in Indian universities	Monica Bedi	University Business School	International Journal of Advanced Scientific Research and Management	2019 - 2020	2455-6378
Endolysins as emerging alternative therapeutic agents to counter drug-resistant infections	Vijay Singh,Kusum Harjai, Sanjay Chhibber	Department of Microbiology	International Journal of antimicrobial agents	2019 - 2020	0924-8579
Nonlinear Stability of Natural Convection in an Inclined Fluid Layer	Renu Bajaj	Department of Mathematics	International Journal of Applied and Computational Mathematics	2019 - 2020	2199-5796
Government’s Initiatives for Promoting Women–Run Startups: North Indian Scenario	Sanjeev K. Sharma, Amandheer Kapoor	University Institute of Applied Management Sciences	International Journal of Applied Business and Economic Research (2019)	2019 - 2020	0972-7302

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Taking Startups to Next Level-Role of Agencies for Consultancy and Support	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	International Journal of Applied Business and Economic Research, Volume 17, Issue 3, 2019	2019 - 2020	0972-7302
Resilience for Positive Mental Health among Adolescents	Garima Sharma&Dr. Navleen Kaur	Department of Community Education & Disability Studies	International Journal of Applied Home Science	2019 - 2020	2394-1413
Solving Flow Shop Scheduling Problems with Blocking by using Genetic Algorithm	Manisha Sharma	Department of Mathematics	International Journal of Applied Logistics	2019 - 2020	1947-9581
Effect of blended : A Progressive approach in education	Ram Mehar	University School of Open Learning	International Journal of Applied research	2019 - 2020	ISSN: 2394-7500
Impact of Covid-19	Mrs.Renu Gandhi	Department of Lifelong Learning & Extension	International Journal of Applied Research	2019 - 2020	2394-5869
Impact of digitization in the distance education	Ram Mehar	University School of Open Learning	International Journal of Applied Research	2019 - 2020	ISSN No. 2394-7500, E-ISSN 2394-5869
Relationship between stress and psychological hardiness among secondary school students in Chandigarh	Manjinder Kaur & Prof. Latika Sharma	Department of Education	International Journal of Applied Research	2019 - 2020	2394-5869
Study of Shopping behavior of Young Women Buying Ethnic and Western Clothing in Chandigarh	Vij, B.,Bawa, R., and Kant,R	University Institute of Fashion Technology & Vocational Development	International Journal of Applied Social Science,	2019 - 2020	2394-1405
Effect of Sheltered Instruction Observation Protocol Model on student's achievement and language creativity: A review	Shivani and Kaur, K.	Institute Of Educational Technology & Vocational Education	International Journal of Arts, Humanities and Management Studies	2019 - 2020	2395-0692
Rv2037c, a stress induced conserved hypothetical protein of Mycobacterium tuberculosis, is a phospholipase: role in cell wall modulation and intracellular survival	Bandana Kumari, Varinder Saini, Jasbinder Kaur, Jagdeep Kaur	Department of Biotechnology	International Journal of Biological Macromolecule	2019 - 2020	0141-8130
Chitosan and phospholipid assisted topical fusidic acid drug delivery in burn wound: Strategies to conquer pharmaceutical and clinical challenges, opportunities and future panorama	Jyoti, K., Malik, G., Chaudhary, M., Sharma, M., Goswami, M., Katore, O.P., Singh, S.B., Madan, J.,	University Institute of Pharmaceutical Sciences	International journal of biological macromolecules	2019 - 2020	0141-8130
Comparative transcriptomics reveals candidate transcription factors involved in costunolide biosynthesis in medicinal plant-Saussurea lappa	Vasundhara Thakura Savita Bainsa, Shivalika Pathania, Shailesh Sharma, Ravneet Kaur and Kashmir Sing	Department of Biotechnology	International Journal of Biological Macromolecules	2019 - 2020	0141-8130

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Genomic dissection and transcriptional profiling of cysteine-rich receptor-like kinases in five cereals and functional characterization of TaCRK68-A.	Shumayla, Tyagi, S., Sharma, A., Singh, K. and Santosh Kumar Upadhyay	Department of Botany	International Journal of Biological Macromolecules	2019 - 2020	0141-8130
Neem gum based pH responsive hydrogel matrix: A new pharmaceutical excipient for the sustained release of anticancer drug	Shweta Sharma	Institute of Forensic Science & Criminology	International Journal of Biological Macromolecules	2019 - 2020	0141-8130
Rv0518, a nutritive stress inducible GDSL lipase of Mycobacterium tuberculosis, enhanced intracellular survival of bacteria by cell wall modulation	Jashandeep kaur, Jagdeep Kaur	Department of Biotechnology	International Journal of Biological Macromolecules	2019 - 2020	0141-8130
Industry 4.0 and Supply Chain Management: A Methodological Review	Monica Bedi	University Business School	International Journal of Business Analytics	2019 - 2020	NA
Chemopreventive role of olive oil in colon carcinogenesis by targeting noncoding RNAs and methylation machinery	Prof. Akhtar Mehmood	Department of Biochemistry	International journal Of Cancer	2019 - 2020	0020-7136 (Print)
ORGANIZED APPROACH FOR THE REHABILITATION OF MUTILATED DENTITION ASSOCIATED WITH AMELOGENESIS IMPERFECTA- A CASE REPORT	VIRENDER KUMAR	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Clinical And Diagnostic Research	2019 - 2020	2395-3403
oral health knowledge attitude and practises among post graduate students of punjab university chandigarh.A cross sectional study	Dr Jyoti Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	international journal of clinical paediatric dentistry	2019 - 2020	0974-7052
Menstrual awareness ,hygiene, practics ,and perceptions among the adolescents girls of Nahan ,Himachal Pradesh	Dr. Maninder Kaur	Department of Anthropology	International Journal of Community Medicine and Public Health	2019 - 2020	Print ISSN: 2394-6032 Online ISSN: 2394-6040
MCMSim Test-Bed for Multi-Channel MAC Framework for MANET	Rohit Kumar, Dr. Kavita Taneja, Dr. Harmunish Taneja	Department of Computer Science & Applications	International Journal of Computer Sciences and Engineering	2019 - 2020	2347-2693
Load Balanced AOMDV- An Improvement over AOMDV Protocol	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Control and Automation	2019 - 2020	2005-4297
Rationale for Immediate Complete Therapy in Wretched Dentition	Puneet, Sunint Singh	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Current Advanced Research	2019 - 2020	2319-6475
Wound Ballistics behind the assessment and location of low velocity gunshot injuries in the maxillofacial Region	Puneet, Sunint Singh	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Current Advanced Research	2019 - 2020	E: 2319-6475P: 2319-6505
A Study of Apparel Buying behavior of Transgender Community Residing in Chandigarh	Kant,R, Jain M.	University Institute of Fashion Technology & Vocational Development	International Journal of Current Research	2019 - 2020	0975-833X

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Integrated Intrusion Detection Scheme using Agents	Kajal Rai, Ajay Guleria, M Syamala Devi	Department of Computer Science & Applications	International Journal of Cyber security and Digital Forensics	2019 - 2020	ISSN: 2305-0011
U-Pb age and Hf isotope record of detrital zircon grains from the North Delhi Supergroup, NW India: Implications for provenance and stratigraphic correlations	Kaur, P., Zeh, A. and Chaudhri, N.	Department of Geology	International Journal of Earth Sciences (Springer)	2019 - 2020	1437-3254
Barriers in Implementing HR Analytics - A Study of IT/ ITES Companies in India	Hargovind Kakkar & Prof. Sanjay Kaushik	University Business School	International Journal of Economic Research	2019 - 2020	0972-9380
Intra Industry Trade of India-Hong Kong with Reference to Manufactured Products	Divya Vaid and Meenu	Department of Economics	International Journal of Education, Modern Management. Applied Science and Social Science, Vol. 01. No. 03, July- September, 2019.	2019 - 2020	25819925-0971-1260
Demand response-based dynamic dispatch of microgrid system in hybrid electricity market	D.Kumar, Y.P. Verma, R. Khanna	University Institute of Engineering & Technology	International Journal of Energy Sector Management, Volume 13, Issue 2, Pages 318 - 340	2019 - 2020	17506220
Enhancement of Power Transfer Capacity and Transmission Efficiency using SSSC	Kamal Bisht, Deepak Kumar, Kuldeep Singh Bedi	University Institute of Engineering & Technology	International Journal of Engineering and Advanced Technology	2019 - 2020	2249 – 8958
Evaluation Method for the Optimization of 3D Rigid Image Registration on Multimodal Image Datasets	Dr. Vivek Kumar	Centre for Medical Physics	International Journal of Engineering and Advanced Technology	2019 - 2020	2249-8958 (Online)
Heat Transfer using Nanofluids	Jodh Singh, Rajesh Kumar, Harmesh Kumar, Munish Gupta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Engineering and Advanced Technology (IJEAT)	2019 - 2020	ISSN: 2249-8958 (Online), Volume-9 Issue-2, December, 2019
A novel algorithm to detect Man in the Middle Attack in WLANs	Dr. Satish Kumar and Sh. Rajinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-6, pp 1646-1650 August 2019	2019 - 2020	ISSN: 2249 – 8958

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Innovative Way to Check the Status of Vacancy in Outdoor parking Lots	Dr. Satish Kumar and Dr. Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019.	2019 - 2020	ISSN: 2249 – 8958
A novel algorithm to detect Replay Attack in WLANs	Dr. Satish Kumar and Sh. Rajinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249-8958 Volume-9 Issue-1, pp 1802-1807 October 2019	2019 - 2020	ISSN: 2249 – 8958
Socially Conscious and Environmentally Responsible Business	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	International Journal of Engineering, Applied and Management Sciences Paradigms (IJEAM), Special Issue- CIMAESS 2019	2019 - 2020	2320-6608
New record of genus Chelostomoda Mischener of genus MegachileL	Dr. N. R. Kumar	Department of Zoology	International Journal of Entomology Research	2019 - 2020	2455-4758
Functionalized nanomaterials:	S. Chaudhary 1 • P. Sharma2 • P. Chauhan1 • R. Kumar2 • A. Umar	Department of Environment Studies	International Journal of Environment Science and Technology	2019 - 2020	1735-1472
Determination of an organophosphate pesticide using antibody immobilised hybrid nanocomposites	Prof. Archana Bhatnagar	Department of Biochemistry	International Journal of Environmental Analytical Chemistry	2019 - 2020	0306-7319
Indoor light energy harvesting using infrared LED	Sukesha Sharma, Preeti Singh, Oshin Garg and Pooja Tuteja	University Institute of Engineering & Technology	International Journal of Environmental Analytical Chemistry	2019 - 2020	0306-7319
Determination of an organophosphate pesticide using antibody immobilised hybrid nanocomposites.	Navpreet Kaur, Archana Bhatnagar, Aman Bhalla & Nirmal Prabhakar.	Department of Chemistry	International Journal of Environmental Analytical Chemistry. Impact factor: 1.267	2019 - 2020	0306-7319
DNA methylation modifications: mediation to stipulate pesticide toxicity	Shweta Sharma	Institute of Forensic Science & Criminology	International Journal of Environmental Science and Technology	2019 - 2020	1735-2630
Photocatalytic degradation of monocrotophos and quinalphos using solar-activated S-doped TiO2	Sraw A., Kaur T., Pandey Y., Verma A., Sobti A., Wanchoo R. K. and Toor A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Environmental Science and Technology	2019 - 2020	1735-1472

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Functional biscuits from bamboo shoots: Enrichment of nutrients, bioactive compounds and minerals in bamboo shoot paste fortified biscuits	Santosh O., Bajwa H.K., Bisht M.S. and Nirmala C.	Department of Botany	International Journal of Food Science and Nutrition	2019 - 2020	ISSN: 2455-4898
A Roadmap to Various Challenges in Re-Energization of Sensor Nodes in IEEE 802.11 Wireless Sensor Networks.	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Grid and Distributed Computing	2019 - 2020	2005-4262
An intelligent water drops-based approach for workflow scheduling with balanced resource utilisation in cloud computing	Mala Kalra, Sarbjeet Singh	University Institute of Engineering & Technology	International Journal of Grid and Utility Computing	2019 - 2020	17418488
A thermal non-equilibrium approach on thermo-solutal natural convection due to the lateral flux of heat and solute on enclosure walls: Multi-solutions and oscillations	Sarita Pippal	Department of Mathematics	International Journal of Heat and Mass Transfer	2019 - 2020	0017-9310
STRATEGIES TO CLOSE GAPS BETWEEN TEACHER TRAINING AND SCHOOL EDUCATION	Mamta Garg	University School of Open Learning	INTERNATIONAL JOURNAL OF HIGHER EDUCATION AND RESEARCH	2019 - 2020	ISSN 2277 260X
Self-Regulated Strategy : Effect on Self- Efficacy and Well-Being of Students with Learning Disability	Puneet Sandhu and Dazy Zarabi	Department of Community Education & Disability Studies	International Journal of Human Resource Management and Research	2019 - 2020	NA
Self-Regulated Strategy: Effect on Self-Efficacy and Well-Being of Students with Learning Disability	Puneet Sandhu and Dazy Zarabi	Department of Community Education & Disability Studies	International Journal of Human Resource Management and Research	2019 - 2020	2249-7986
Fear of Crime among Single Elderly Living Alone in Chandigarh	Madhurima Verma	University School of Open Learning	International Journal of Humanities and Social Science Invention (IJHSSI)	2019 - 2020	ISSN (Online) : 2319-7722, ISSN (Print) 2319-7714
Visual information impacting electronic word of mouth adoption: Mediating role of perceived eWOM review credibility	Tejinderpal Sigh	University Business School	International Journal of Indian Culture and Business Management	2019 - 2020	1753-0806
A Study of Parental Acceptance Rejection in Relation to Depression and Life Satisfaction among Adolescents	Roshan Lal and Amit Kumar	Department of Psychology	International Journal of Indian Psychology	2019 - 2020	2349-3429
Predictors of Parental Acceptance - Rejection Among Adolescents	Roshan Lal and Amit Kumar	Department of Psychology	International Journal of Indian Psychology	2019 - 2020	1675-1685

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Performance analysis of CIC multirate filter in cognitive radio for efficient pulse shaping in wireless domain	Dr. A.S. Kang	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Informatics and Communication Technology	2019 - 2020	2252-8776
Increasing Green Quotient in Libraries: A Case Study of Punjab Engineering College (Deemed to be University), Chandigarh, India	Navjyoti	A C Joshi Library	International Journal of Information Dissemination and Technology	2019 - 2020	2249-5576
Degraded offline handwritten Gurmukhi character recognition: study of various features and classifiers	A. Garg, M. K. Jindal and A. Singh	P.U. Regional Centre, Muktsar	International Journal of Information technology	2019 - 2020	2511-2104
Human age prediction using DNA methylation and regression methods	Neelam Goel	University Institute of Engineering & Technology	International Journal of Information Technology	2019 - 2020	2511-2112
Understanding virtual reference service guidelines: a roadmap for successful implementation	Sinhababu, Atasi & Kumar, Shiv	Department of Library & Information Science	International Journal of Information, Library & Society	2019 - 2020	2278-0386
An Emotion Recognition Based on Physiological Signals	Arvind Kumar, Nidhi Garg, Gurpreet Kaur	University Institute of Engineering & Technology	International Journal of Innovative Technology and Exploring Engineering	2019 - 2020	2278-3075
Excess Thermodynamic Properties and Molecular Interactions in Binary Liquid Mixture of o-xylene and n-nonane'	B.K.Gill, Minakshi and V. K. Rattan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Innovative Technology and Exploring Engineering	2019 - 2020	ISSN: 2278-3075 (Online)
Intelligent Automatic Gear Module using Electro-Magnetic Clutch & Ultrasonic Sensor	Kumar a, Ramesh K. Sharma Uma Shankar Pareek	University Centre of Instrumentation and Micro-Electronics	International Journal of Innovative Technology and Exploring Engineering	2019 - 2020	2278-3075
Plant disease classification using deep learning google net model	Satwinder Kaur, Garima Joshi, Renu Vig	University Institute of Engineering & Technology	International Journal of Innovative Technology and Exploring Engineering	2019 - 2020	2278-3075
Re-Powering Technique to Compare its Suitability with On-Demand Distance Vector Routing Protocols	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Innovative Technology and Exploring Engineering	2019 - 2020	2278-3075
Use of Energy Replenishment Model to Find Optimum Radio Propagation Model in Wireless Sensor Networks	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Innovative Technology and Exploring Engineering	2019 - 2020	2278-3075
Analysis of DDoS Attacks in Heterogeneous VoIP Networks: A Survey	Amita Chauhan, Nitish Mahajan, Harish Kumar, Sakshi Kaushal	University Institute of Engineering & Technology	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019 - 2020	2278-3075
Changing trends of Collection development for 21st century at Panjab University Library, Chandigarh: a move towards e-resources	Deepika Tewari,Sunaina Khanna, Seema Sood	A C Joshi Library	International Journal of Library , Information, Networks and Knowledge	2019 - 2020	2455-5207

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E-resources Research : A Scientometric Study of Indian Publications Output, 2008-2017	Mona Pall	A C Joshi Library	International Journal of Library , Information, Networks and Knowledge	2019 - 2020	2455-5207
Transmitting information through Digital Signage Technology to Enable Communication Between Users and Staff: an Overview of Panjab University Library, Chandigarh	Seema Sood	A C Joshi Library	International Journal of Library, Information, Networks and Knowledge	2019 - 2020	2455-5207
Evaluation of antioxidant activity and GC-MS analysis of bioactive compounds present in leaf extract of Youngia japonica (L.) DC. from Chandigarh	2. Kaur, H Puri, R, Sharma, M.L. Khan S. Jhamta, R	Department of Botany	International Journal of Life Sciences Research	2019 - 2020	2348-3148
Stochastic Trust Region Inexact Newton Method for Large-scale Machine Learning	V. K. Chauhan, Anuj Sharma and K. Dahiya	Department of Computer Science & Applications	International Journal of Machine Learning and Cybernetics	2019 - 2020	1541–1555
Effect of Effective Patient Communication and Customer orientation on Service Quality leading to patient satisfaction: A Study of Multi Specialty Hospitals of North India.Vol.14(3), pp:368-385	Dogra, Ajay K. and Sharma, Sanjeev K	University Institute of Applied Management Sciences	International Journal of Management Practice. (2020)	2019 - 2020	1477-9064
Nucleases of bacterial pathogens as virulence factors, therapeutic targets and diagnostic markers	Sharma P, Garg N, Sharma A, Capalash N and Singh R	Department of Biotechnology	International journal of Medical microbiology	2019 - 2020	1438-4221
Forward physics results on jet production and energy flow at the LHC	Sunil Bansal	University Institute of Engineering & Technology	International Journal of Modern Physics A	2019 - 2020	ISSN (print): 0217-751X, ISSN (online): 1793-656X
Hadron resonance gas model and high multiplicitiesin p–p, p–Pb and Pb–Pb collisions at the LHC	Dr. Natasha Sharma	Department of Physics	International Journal of Modern Physics E Vol. 28, No. 9 (2019) 1940002	2019 - 2020	17936608, 02183013
Challenges in the lives of HIV positive women, EPRA	Madhurima Verma	University School of Open Learning	International Journal of Multidisciplinary Research (IJMR)	2019 - 2020	ISSN No. 2455-3662
Impact of Fashion Advertisments on India Youth.	Dawson,A, Miglani,N&Brar,P	University Institute of Fashion Technology & Vocational Development	International Journal of Multidisciplinary Research Academy (IJMRA	2019 - 2020	2249-249
Impact of Fashion Advertising through social media portals on the purchase decision of young adults.	Verma,P, Miglani,N & Brar,P	University Institute of Fashion Technology & Vocational Development	International Journal of Multidisciplinary Research Academy (IJMRA)	2019 - 2020	2249-2496

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A genetic algorithm for a flow shop scheduling problem with breakdown interval, transportation time and weights of jobs	Manisha Sharma	Department of Mathematics	International Journal of Operational Research	2019 - 2020	1745-7645
99mTc labeled N-acetyl neuraminic acid as a new radionuclide probe for targeting cancer: An in-silico and in-vitro study.	Ravi Ranjan, Jasmine Sati, Monika Chauhan, Neelima D Passi, D K Dhawan, Vijayta D Chadha	Centre for Nuclear Medicine	International Journal of Pharmaceutical Science and Research	2019 - 2020	ISSN (Online): 0975-8232, ISSN (Print): 2320-5148
Determination of amino acids in two species of Riccia	Shivani Anand and Sunita Kapila	Department of Botany	International Journal of Pharmaceutical Sciences and Research	2019 - 2020	E-ISSN: 0975-8232 P-ISSN: 2320-5148
Exploration of docetaxel palmitate and its solid lipid nanoparticles as a novel option for alleviating the rising concern of multi-drug resistance	Preet,S	Department of Biophysics	International Journal of Pharmaceutics	2019 - 2020	0378-5173
Comprehensive evaluation of chitosan nanoparticle based phage lysin delivery system; a novel approach to counter S. pneumoniae infections,	Vijay Singh Gondil, Taru Dube, Jiban J. Panda, Ragothaman M. Yennamalli, Kusum Harjai, Sanjay Chhibb	Department of Microbiology	International Journal of Pharmaceutics,	2019 - 2020	0378-5173
Cocrystals of diacerein: Towards the development of improved biopharmaceutical parameters	Tomar, S., Chakraborti, S., Jindal, A., Grewal, M. K., Chadha, R.	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutics.	2019 - 2020	18733476, 03785173
Implementation of Quality by Design (QbD) approach in development of silver sulphadiazine loaded egg oil organogel: An improved dermatokinetic profile and therapeutic efficacy in burn wounds.	Thakur, K., Mahajan, A., Sharma, G., Singh, B., Raza, K., Chhibber, S. and Katare, O.P.	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutics. 576, 118977,	2019 - 2020	18733476
Programmes and Schemes of Punjab Sports Department: A Survey Study	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physical Education, Sports and Health	2019 - 2020	P-ISSN: 2394-1685 E-ISSN: 2394-1693
Tensile, torsional and bending behavior of multi-walled carbon nanotube reinforced polyurethane composites	D. Kumar and P. Jindal	University Institute of Engineering & Technology	International Journal of Plastics Technology	2019 - 2020	0972-656X
Prevalence rate of Dyscalculia among primary school students	Jyoti & Dr. Rekha Rani	Institute Of Educational Technology & Vocational Education	International Journal of Psychosocial rehabilitation	2019 - 2020	1475-7192
Physiological and biochemical analyses revealing protective role of glutathione in resistance of Zygosaccharomyces bisporus to salt stress.	Prof. Sukesh Chander Sharma	Department of Biochemistry	International Journal of Pure & Applied Bioscience	2019 - 2020	ISSN: 2320 – 7051

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Implementation of improved Synchronization in Interprocess Communication using Threads for Microkernel and Distributed Operating Systems	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Recent Engineering & Technology	2019 - 2020	2277-3878
Leadership Style of civil servants : A comparative analysis of male and female civil servants in state of Haryana	Madhurima Verma	University School of Open Learning	International Journal of Recent Scientific Research	2019 - 2020	ISSN No. 0976-3031
Efficient Denoising by Feature Recovery from residual Noise in Spatial Domain	SumitBudhiraja	University Institute of Engineering & Technology	International Journal of Recent Technology and Engineering	2019 - 2020	ISSN 2277-3878 (
Bayesean Approach to Non Linear State Estimation for Improved Performance of Smart Grid	Nisha Tayal and Rinru Khanna	University Institute of Engineering & Technology	International Journal of Recent Technology and Engineering	2019 - 2020	2277-3878
Calibrating thresholds based on trade-offs between detection accuracy and fpr for copy move forgery detectio	Krishan Kumar	University Institute of Engineering & Technology	International Journal of Recent Technology and Engineering	2019 - 2020	2277-3878
Eco-Friendly Remediation to Mitigate the toxic effects of emerging Contaminant Diclofenac	Saloni Sharma and Hema Setia	University Institute of Engineering & Technology	International Journal of Recent technology and Engineering	2019 - 2020	E-ISSN:2277-3878
Understanding strategic mindset of pharmaseutical companies in India	Harjit Kaur & Prof. Sanjay Kaushik	University Business School	International Journal of recent technology and engineering	2019 - 2020	2277-3878
Factors Affecting Job Stress of Fashion & Lifestyle Journalists 8632-36	Neha Miglani, Prabhdip Brar, Sharma S.K	University Institute of Applied Management Sciences	International Journal of Recent Technology and Engineering (2019)	2019 - 2020	2277-3878
Predicting Factors Influencing Online Purchase Behaviour among Indian Youth 765-772 Vol.8(2-6)	"Pooja Chopra Sharma S.K."	University Institute of Applied Management Sciences	International Journal of Recent Technology and Engineering (2019)	2019 - 2020	2277-3878
Understanding the Factors Affecting Consumer's Acceptance of E-Health Care Services Pp 466-73 DOI:10.35940/ijrte.B1080.0982S1019	Prachi Verma, Satinder Kumar, Sharma S.K	University Institute of Applied Management Sciences	International Journal of Recent Technology and Engineering (2019)	2019 - 2020	2277-3878
Critical success Factors in Construction Projects pp.1799-1804	Maninder Singh,Sharma S.K.	University Institute of Applied Management Sciences	International Journal of Recent Technology and Engineering (2020)	2019 - 2020	2277-3878
Do Resilient Organizations Enhance Organizational Performance? Vol.9(2) Pp 3610-12	Tamanna ; Sharma S.K	University Institute of Applied Management Sciences	International Journal of Recent Technology and Engineering (2020)	2019 - 2020	2277-8616

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Effect of NaOH Pretreatment of Bagasse on Its Biodegradation through Anaerobic Digestion	Maninder Kaur, Yajvender Pal Verma, Sanchita Chauhan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Recent Technology and Engineering (IJRTE)	2019 - 2020	ISSN: 2277-3878,
Framework for Hybrid Book Recommender System based on Opinion Mining	Anil Kumar, Sonalchawla	Department of Computer Science & Applications	International Journal of Recent Technology and Engineering (IJRTE)	2019 - 2020	2277-3878
Proposed Sensing -Transmission Model for Uncoordinated Cognitive Radios	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-4	2019 - 2020	2277-3878
Applicability of Traditional Classification Techniques on Educational Data	Balwinder Kaur, Anu Gupta , R. K. Singla	Department of Computer Science & Applications	International Journal of Recent Technology and Engineering (IJRTE), Volume-8 Issue-6	2019 - 2020	2277-3878
Impact of Corporate Governance on Financial Performance of Information Technology Companies	Puja Kaura, Mridul Dharwal, Harjit Kaur, Paramjit Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Recent Technology and Engineering (IJRTE)', ISSN: 2277-3878 (Online), Volume-8 Issue-3, September 2019. Page No.: 7460-7464	2019 - 2020	2277-3878
Understanding Strategic Mindset of Pharmaceutical Companies in India	Prof. Sanjay Kaushik and Harjit Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Recent Technology and Engineering (IJRTE)', ISSN: 2277-3878 (Online), Volume-9 Issue-1, May 2020. Page No.:1536-1551.	2019 - 2020	2277-3878
Optimal bidding strategy of microgrid with uncertainty of res in day ahead electricity market	D.Kumar, Y.P. Verma, R. Khanna	University Institute of Engineering & Technology	International Journal of Recent Technology and Engineering, Volume 8, Issue 3, Pages 3964 - 3971	2019 - 2020	2277-3878
Research Analysis of Signals using Machine Learning Techniques	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Recent Technology and Engineering, Volume-8 Issue-3	2019 - 2020	2277-3878
Cave Tourism as an Alternative Tourist destination – A case of Karla and Bhaja	Prashant K. Gautam	University Institute of Hotel and Tourism Management	International Journal of Research and Analytical Review	2019 - 2020	23495138

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Relationship Between Knowledge Management and Organizational Learning with Reference to Healthcare Sector Pp 330-339	Tamanna; Sharma S.K	University Institute of Applied Management Sciences	International Journal of Research and Analytical Review-2019	2019 - 2020	Print: 2349-5138 Online:2348-1269
A Study of Consumers' Perceived Benefits of online Apparel Shopping	Kant R. and Agarwal M	University Institute of Fashion Technology & Vocational Development	International Journal of Research and Analytical Reviews	2019 - 2020	E-ISSN 2348-1269
Exploring Online Apparel rental Behavior of Consumers as a Sustainable Method	Kant,R. and Agarwal M.,	University Institute of Fashion Technology & Vocational Development	International Journal of research in Social Science	2019 - 2020	ISSN 2249-2496
Opinion Survey Of Characteristics Communicated Through Formal And Casual Attire Of Teachers	Kant,R. and Bakshi M	University Institute of Fashion Technology & Vocational Development	International Journal of Research in Social Sciences	2019 - 2020	2249-2496
Opinion Survey Of Students On Ensembles Worn By Teachers In Classroom	Kant,R. and Bakshi M.	University Institute of Fashion Technology & Vocational Development	International Journal of Research in Social Sciences	2019 - 2020	2249-2496
Reading comprehension of seventh graders in English: effect of reciprocal teaching	DR Kalpana Thakur & Jagdeep Singhmar	Institute Of Educational Technology & Vocational Education	International Journal of Research in social Sciences, 9(3), 640-657	2019 - 2020	2249-2496
Efficacy of Medical Termination of Pregnancy (MTP) Act, 1971 and Pre-Conception and Pre-Natal Diagnostic Technique (Prohibition of Sex Selection) Act, 1994 in India: A Critique	Dr. Aman Khera	University Institute of Applied Management Sciences	International Journal of Research in Social Sciences, India	2019 - 2020	2249-2496
Occupational health problems of Phulkari artisans	Gupta, A. H. and Kaur, H.	University Institute of Fashion Technology & Vocational Development	International Journal of Research in Social Sciences, Vol.9	2019 - 2020	ISSN: 2249-2496
Public image and its impact on the job satisfaction of the Police Officials	Madhurima Verma	University School of Open Learning	International Journal of reviews and research in Social Sciences	2019 - 2020	ISSN No. 2347-5145
To Assess the Cognitive Social Capital among Persons with Disabilities in Chandigarh: A Case Study	Dr. Anuradha Sharma and parineeta jindal	Department of Community Education & Disability Studies	International Journal of Science and Research	2019 - 2020	2319-7064
Fatigue Detection in Soleus muscle by characterizing its Electro-Myogram	Rohit, Poonam Kumari	University Centre of Instrumentation and Micro-Electronics	International Journal Of Science andAdvanced Research in Technology (IJSART),	2019 - 2020	ISSN [Online] : 2395-1052
Implementing the open source Koha ILS - The Panjab University, Ankur School Experience	Amardeep Singh, Neeraj Kumar Singh, Laveena Sehgal	A C Joshi Library	International Journal of Science, Engineering and Management (IJSEM) Vol.4 No.10, 2019, p. 51-56	2019 - 2020	2456- 1304

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A fundamental study to understand gifted underachievers	Supreet Kaur	University School of Open Learning	International Journal of Scientific & Technology Research	2019 - 2020	2277-8616
Causes of career indecisiveness among adolescents in institutional care	Supreet Kaur	University School of Open Learning	International Journal of Scientific & Technology Research	2019 - 2020	2277-8616
Exploring Moderation In Service Dominant Logic Service Innovation Relationship In Tourism Sector-A PLS Analysis	Rachita Sambyal, Amandeep Singh Marwaha, Anupreet Kaur Mavi	University Institute of Applied Management Sciences	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 9, ISSUE 04,	2019 - 2020	ISSN 2277-8616
Effect of online collaborative learning strategy on achievement in Economics in relation to self efficacy.	Ram Mehar	University School of Open Learning	International Journal of Scientific & Technology Research,	2019 - 2020	ISSN: 2277-8616)
Impact of perceived job stress on Work-Home conflict.	Miglani,N,Sharma,S&Brar,P	University Institute of Fashion Technology & Vocational Development	International Journal of Scientific &Technology Research	2019 - 2020	2277-8616
Impact of Perceived Job Stress on Work-Home Conflict Vol.9(2), pp:6018-6023	Neha Miglani, Prabhdip Brar Sharma S.K	University Institute of Applied Management Sciences	International Journal of Scientific &Technology Research (2020)	2019 - 2020	2277-8616
Relationship Between Knowledge Management And Organizational Resilience in Northern Healthcare Sector, vol.8(12) pp 3099-3105	Sanjeev K. Sharma, Tamanna	University Institute of Applied Management Sciences	International Journal of Scientific &Technology Research-2019	2019 - 2020	2277- 8616
Mitigating Risk in E-Shopping: A Structural Modeling Approach Vol.9(2) Pp 3626-3634	Pooja Chopra, Sharma S.K	University Institute of Applied Management Sciences	International Journal of Scientific &Technology Research-2020	2019 - 2020	2277-8616
Exploring Moderation In Service Dominant LogicService Innovation Relationship In Tourism Sector-A PLS Analysis	Rachita Sambyal, Amandeep Singh Marwaha, Anupreet Kaur Mavi	University Institute of Applied Management Sciences	International Journal of Scientific and Technology Research	2019 - 2020	2277-8616
A case of oncho-mycosis due to Aspergillus flavus in a healthy Individual	Jyoti Sharma, Manjula Mehta, Swaty Jhamb, Sonia B bhardwaj	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Scientific Research	2019 - 2020	2277-8179
Enterococcus faecalis: Pioneers of root canal infection	Dr. Swaty Jhamb	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Scientific Research	2019 - 2020	2277-8179
Root Canal Morphology of Mesiobuccal Root of Permanent Maxillary first molar Teeth in Himachal Pradesh (india) Population, Using A- tooth clearing Technique.	dr vandana Chhabra	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Scientific Research	2019 - 2020	ISSN2250-3153

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To evaluate the efficacy of Transdermal Diclofenac Patch in the management of post surgical pain	Dr. Vandana Chhabra, Dr. Hemant Batra, Dr. Vandana Gupta, Dr. Poonam Sood	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Scientific Research	2019 - 2020	2277-8179 (print)
Statistical Data Analysis with Pandas, Numpy and Matplotlib using Python A Case study of Punjab,	Mohinder Kumar	P.U. Regional Centre, Muktsar	International Journal of Scientific Research and Review	2019 - 2020	2279-543X
Strength and Weakness of various CAPTCHA schemes,	Mohinder Kumar	P.U. Regional Centre, Muktsar	International Journal of Scientific Research and Review	2019 - 2020	2279-543X
Impact of Cognitive Tasks on Scholastic Achievement among 14 Year Old Students	Shruti Marwaha , A. K. Sinha & Ramesh Sahani	Department of Anthropology	International Journal of Social Sciences & Educational Studies	2019 - 2020	ISSN 2520-0968 (Online), ISSN 2409-1294 (Print)
Mindfulness and Task Complexity	H.K. Chhabra and Nidhi Barthwal	Department of Psychology	International Journal of Social Sciences Review	2019 - 2020	2347-3797
Optimisation of PTS technique for PAPR reduction in MIMO-OFDM-based CRNS	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Systems, Control and Communications, Volume 10, Issue 4	2019 - 2020	1755-9359
Taxonomy of Routing Protocols in Wireless Sensor Networks: A Survey	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal on Emerging Technologies	2019 - 2020	2249-3255
Impact of Knowledge Management and Organizational Learning on Performance in Healthcare Sector pp.416- 421	Tamanna ; Sharma S.K	University Institute of Applied Management Sciences	International Journal on Emerging Technologies (2019)	2019 - 2020	0975-8364
Implementation Performance Analysis of various hybrid modulation techniques transmitted by EDFA in a radio over fibre communication	A.S.Kang	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal on Information & Telecommunication,Taylor Francis	2019 - 2020	2475-1839
A compact-low cost, intelligent vehicle over speed detection and reporting System employing Arduino and GSM	Gurpreet Singh, Poonam Kumari, H.P.S.Kang	University Centre of Instrumentation and Micro-Electronics	International Journal on Recent Tends in Engineering and Research (IJRTER),	2019 - 2020	ISSN: 2455-1457 (E)
Guaranteed Time Slot trade-off in QoS improvement with IEEE std. 802.15.4 for Wireless Sensor Networks at MAC layer.	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal on Smart Sensing and Intelligent Systems	2019 - 2020	1178 - 5608
ORGANISATIONAL COMMITMENT AND PSYCHOLOGICAL STRAIN AMONG HIGH SCHOOL TEACHERS	Dr. Amritpal Kaur	Institute Of Educational Technology & Vocational Education	International multidisciplinary research journal vOIUme - 7,issUe - 9 , June- 2018	2019 - 2020	2249-894X

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Blogging as Literature: A Critical Study of Selected Dalit Blogs, GNOSIS: An International Refereed Journal of English Language and Literature, Vol. 5, No. July 2019,	Ravinder Kaur	University School of Open Learning	International Refereed Journal of English Language and Literature,	2019 - 2020	ISSN 2394, 142-50.
Research Information Management and Network System for Panjab UniversityPU@RIMNS: A Case Study	Dr. Neeraj Kumar Singh	A C Joshi Library	International Research: Journal of Library & Information Science Vol.9 No.1 Mar., 2019, p.116-126	2019 - 2020	2249-0213
Grid frequency enhancement using coordinated action of wind unit with redox flow battery in a deregulated electricity market	Y.P. Verma	University Institute of Engineering & Technology	International Transactions on Electrical Energy Systems	2019 - 2020	2050-7038
Techno-economic analysis of photovoltaic-biomass-based microgrid system for reliable rural electrification	Maninder Kaur, Sandeep Dhundhara, Yajvender Pal Verma,Sanchita Chauhan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Transactions on Electrical Energy Systems	2019 - 2020	e12347
Techno-economic analysis of photovoltaic-biomass-based microgrid system for reliable rural electrification	Y.P. Verma	University Institute of Engineering & Technology	International Transactions on Electrical Energy Systems	2019 - 2020	2050-7038
Towards Convolution Neural Networks (CNNs): A Brief Overview of AI and Deep Learning	Dr. Roopali Garg	University Institute of Engineering & Technology	Inventive Communication and Computational Technologies	2019 - 2020	978-981-15-0145-6
Damage and Damping Identification in a Structure Through Novel Damped Updating Method	Dr. Shankar Sehgal, Harmesh Kumar	University Institute of Engineering & Technology	Iranian Journal of Science and Technology - Transactions of Civil Engineering	2019 - 2020	22286179
Enhanced Catalytic Activity of Nano-Fe ₂ O ₃ –MCM-48–SO ₄ as a Green Catalyst for the Esterification of Acetic Acid with Methanol	Sharma N., Guliani D., Kaur K., Verma A., Sobti A. and Toor A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Iranian Journal of Science and Technology, Transactions A-Science	2019 - 2020	1028-6276
PARP inhibition by olaparib alleviates chronic asthma-associated remodeling features via modulating inflammasome signaling in mice.	Prof. Amarjit Singh Naura	Department of Biochemistry	IUBMB Life	2019 - 2020	1521-6543 (Print) 1521-6551 (Electronic) 1521-6543 (Linking)
Supply Chain Performance Measurement: A Scale Development. Pp 88-111	Kritika Rana, Sanjeev K. Sharma	University Institute of Applied Management Sciences	IUP Journal of Business Strategy (2019)	2019 - 2020	0972-9259
Emerging role of dermal compartment in skin pigmentation: comprehensive review.	Dr. Ravinder Kumar	Department of Zoology	J Eur Acad Dermatol Venereol	2019 - 2020	ISSN / eISSN: 0926-9959 / 1468-3083

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Isolation of a novel phage and targeting biofilms of drug resistant oral enterococci.	Sonia B Bhardwaj, Manjula Mehta, Shaveta Sood, Jyoti Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	J Global Infect Dis	2019 - 2020	0974-777x
Distribution of dental caries in 12-year old children of Chandigarh using DMFT and SiC index- a cross-sectional study	Urvashi Sharma, Namrata Gill, Anubha Gulati, Rosy Arora, Archna Agnihotri, Ikreet Singh Bal	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	J Pierre Fauchard Acad (India Sect)	2019 - 2020	ISSN: 0970-2199 (Print) 0970-2199 (Linking)
General efficient class of Steffensen type methods with memory for solving systems of nonlinear equations.	Saurabh Bhatia	University Institute of Engineering & Technology	J. Comput. Appl. Math.	2019 - 2020	0377-0427
Second sphere coordination in orthonitrophenolate binding: Synthesis, biological, cytotoxic and X-ray structural studies of [Co(bpy)2CO3](C6H4NO3).3H2O	Santosh Arora, Dinesh Talwar, Manjeet Singh, Subash C. Sahoo, Rohit Sharma	Department of Chemistry	J. Mol. Str. 2020, 1199, 127017	2019 - 2020	0022-2860
Synthesis, Crystal Structure, Antibacterial and Cytotoxic aspects of Co(III) complex:[Co(bpy)2CO3](PNP).4H2O infection	Arora S; Talwar D; Chetal M; Yadav A; Kaur Preeti; Goyal S; Sahoo S. C; Sharma R	Department of Chemistry	J. Mol. Str. 2020, 1216, 128312	2019 - 2020	0022-2860
Solvothermal synthesis, structural characterization, DFT and magnetic studies of a Cu(II)-metallamacrocycle	Girijesh Kumar*, M. M. Turnbull, V. Thakur, S. Gupta, M. Trivedi, R. Kumar, A. Husain	Department of Chemistry	J. Mol. Struct., 2020, 1201, 127193	2019 - 2020	0022-2860
Preferential and Enhanced Adsorption Ability of ZrO2Nanoparticles for the Removal of Cationic, Anionic and Azo Dyes: Isotherm and Kinetic Studies	Priya Saharan, Pratibha Bansal, Ganga Ram Chaudhary, Ashok K. Sharma	Department of Chemistry	J. Nanosci. Nanotechnol., 19 (2019) 7221-7228	2019 - 2020	1533-4880
Oxone-DMSO Triggered Methylene Insertion and C(sp2)—C(sp3)-H—C(sp2) Bond Formation to Access Functional Bis-Heterocycles	Kour J.,Venkateswarlu V., Verma P. K.,Hussain Y., Dubey G.,Bharatam P. V., Sahoo S. C., Sawant S. D.	Department of Chemistry	J. Org. Chem 2020, 85, 7, 4951–4962	2019 - 2020	0022-3263
Possible antimagnetic rotational band in 127Xe	Chakraborty, Saikat; Sharma, Hariprakash; Tiwary, S; Majumder, Chandrani; Banerjee, Polash; A. Kumar	Department of Physics	J. Phys. G. Nucl. Part. Phys. 47 015103 (2019)	2019 - 2020	13616471, 09543899
Synthesis and characterization of cross-linked epoxy resin beads by suspension polymerization technique	Arjun Singh, Priyanka Singla, Subash Chandra Sahoo, Pramod Kumar Soni	Department of Chemistry	J. Polym. Res. 2020 27 180	2019 - 2020	1022-9760
Probing molecular interactions between Choline Acetate Ionic Liquid and Alcohols: A comparable Thermophysical study of Choline Acetate Ionic Liquid with change in solvent	Avneet Kaur, Shafila Bansal, Chander Prakash, Ganga Ram Chaudhary	Department of Chemistry	J.Mol.Liq., DOI: 10.1016/j.molliq.2019.112061 (2019)	2019 - 2020	0167-7322

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Shri Guru Nanak Dev Ji	Bhupinder Kaur	Department of Evening Studies	Jago International	2019 - 2020	22773266
Chemoprevention of Colon Cancer by Combination of Atorvastatin and Fish Oil.	Prof. Navneet Agnihotri	Department of Biochemistry	Japanese Journal of Gastroenterology and Hepatology.	2019 - 2020	2435-1210
Search for electroweak production of a vector-like T quark using fully hadronic final states	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 01 (2020), 036	2019 - 2020	10298479
Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 01 (2020), 096	2019 - 2020	10298479
Measurement of the top quark pair production cross section in dilepton final states containing one μ lepton in pp collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 02 (2020), 191	2019 - 2020	10298479
Search for top squark pair production in a final state with two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 02 (2020),015	2019 - 2020	10298479
Studies of J/Psi production at forward rapidity in Pb-Pb collisions at sNN = 5.02 TeV,	Lokesh Kumar, S. Acharya et al. [ALICE Collaboration	Department of Physics	JHEP 02, 041 (2020)	2019 - 2020	10298479
Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at sNN = 5.02 TeV	lokesh kumar, S. Acharya et al	Department of Physics	JHEP 02, 077 (2020)	2019 - 2020	10298479
Bose-Einstein correlations of charged hadrons in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 03 (2020), 014	2019 - 2020	10298479
Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV .	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 03 (2020), 025	2019 - 2020	10298479
Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 03 (2020), 034	2019 - 2020	10298479
Search for physics beyond the standard model in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 03 (2020), 051	2019 - 2020	10298479
Search for new neutral Higgs bosons through the $H \rightarrow Z \gamma \gamma$ process in pp collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 03 (2020), 055	2019 - 2020	10298479

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Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 03 (2020), 056	2019 - 2020	10298479
Search for a heavy pseudoscalar Higgs boson decaying into a 125 GeV Higgs boson and a Z boson in final states with two tau and two light leptons at $\sqrt{s}=13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 03 (2020), 065	2019 - 2020	10298479
Search for lepton flavour violating decays of a neutral heavy Higgs boson to $\mu^+ \mu^-$ and $e^+ e^-$ in proton-proton collisions at $\sqrt{s}=13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 03 (2020), 103	2019 - 2020	10298479
Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s}=13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 04 (2020), 171	2019 - 2020	10298479
Measurement of properties of $B^0 \rightarrow \mu^+ \mu^-$ decays and search for $B^0 \rightarrow \mu^+ \mu^- \gamma$ with the CMS experiment.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 04 (2020), 188	2019 - 2020	10298479
Underlying Event properties in pp collisions at $s = 13$ TeV	Iokesh kumar, S. Acharya et al	Department of Physics	JHEP 04, 192 (2020)	2019 - 2020	10298479
Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 05 (2020), 032	2019 - 2020	10298479
Search for high mass dijet resonances with a new background prediction method in proton-proton collisions at $\sqrt{s}=13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 05 (2020), 033	2019 - 2020	10298479
Search for an excited lepton that decays via a contact interaction to a lepton and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV.	S. Bansal, S.B. Beri, V. Bhatnagar, S. Chauhan, R. Chawla, N. Dhingra, R. Gupta, A. Kaur, M. Kaur	Department of Physics	JHEP 05 (2020), 052	2019 - 2020	10298479
Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Iokesh kumar, S. Acharya et al	Department of Physics	JHEP 05, 085 (2020)	2019 - 2020	10298479
Determination of the strong coupling constant $\alpha_s(m_Z)$ from measurements of inclusive $W^\pm$ and Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 06 (2020), 018	2019 - 2020	10298479

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Measurement of the cross section for electroweak production of a Z boson, a photon and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on anomalous quartic couplings	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 06 (2020), 076	2019 - 2020	10298479
Measurement of the top quark forward-backward production asymmetry and the anomalous chromoelectric and chromomagnetic moments in pp collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 06 (2020), 146	2019 - 2020	10298479
Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Iokesh kumar, S. Acharya et al	Department of Physics	JHEP 06, 035 (2020)	2019 - 2020	10298479
Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Iokesh kumar, S. Acharya et al	Department of Physics	JHEP 06, 147 (2020)	2019 - 2020	10298479
Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at 5.02 TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 07 (2020), 115	2019 - 2020	10298479
The production of isolated photons in PbPb and pp collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 07 (2020), 116	2019 - 2020	10298479
Measurement of the cross section for $\ell^+\ell^-$ production with additional jets and b jets in pp collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 07 (2020), 125	2019 - 2020	10298479
Search for charged Higgs bosons decaying into a top and a bottom quark in the all-jet final state of pp collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 07 (2020), 126	2019 - 2020	10298479
Measurement of nuclear effects on $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV	Iokesh kumar, S. Acharya et al	Department of Physics	JHEP 07, 237 (2020)	2019 - 2020	10298479
Measurement of the central exclusive production of charged particle pairs in proton-proton collisions at $s = 200$ GeV with the STAR detector at RHIC	Iokesh kumar, J. Adam et al	Department of Physics	JHEP 07, no.07, 178 (2020)	2019 - 2020	10298479
Combination of the W boson polarization measurements in top quark decays using ATLAS and CMS data at $\sqrt{s} = 8$ TeV CMS and ATLAS Collaborations	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 08 (2020) 08, 051	2019 - 2020	10298479
Search for a light pseudoscalar Higgs boson in the boosted $\mu^+\mu^-$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al)	Department of Physics	JHEP 08 (2020), 139	2019 - 2020	10298479

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Z-boson production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Iokesh kumar, S. Acharya et al	Department of Physics	JHEP 09, 076 (2020)	2019 - 2020	10298479
Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV	Iokesh kumar, S. Acharya et al	Department of Physics	JHEP 09, 160 (2020)	2019 - 2020	10298479
J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV	Iokesh kumar, S. Acharya et al	Department of Physics	JHEP 09, 162 (2020)	2019 - 2020	10298479
Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 10 (2019), 139	2019 - 2020	10298479
Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 10 (2019), 244	2019 - 2020	10298479
J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Iokesh kumar, S. Acharya et al.	Department of Physics	JHEP 10, 141 (2020)	2019 - 2020	10298479
Search for supersymmetry using Higgs boson to diphoton decays at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 11 (2019), 109	2019 - 2020	10298479
Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV .	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 12 (2019), 061	2019 - 2020	10298479
Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 12 (2019), 062	2019 - 2020	10298479
Study of the $\overline{\Lambda}^0 \rightarrow p \pi^-$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JHEP 12 (2019), 100	2019 - 2020	10298479
Dependence of inclusive jet production on the anti- k_T distance parameter in pp collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al.	Department of Physics	JHEP 12 (2020), 082	2019 - 2020	10298479
Inclusive search for highly boosted Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al.,)	Department of Physics	JHEP 12 (2020), 085	2019 - 2020	10298479
Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JINST 15 (2020) 02, P02027	2019 - 2020	17480221

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JINST 15 (2020) 05, P05002	2019 - 2020	17480221
Identification of heavy, energetic, hadronically decaying particles using machine-learning techniques	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JINST 15 (2020) 06, P06005	2019 - 2020	17480221
Measurements with silicon photomultipliers of dose-rate effects in the radiation damage of plastic scintillator tiles in the CMS hadron endcap calorimeter	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JINST 15 (2020) 06, P06009	2019 - 2020	17480221
Pileup mitigation at CMS in 13 TeV data	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	JINST 15 (2020) 09, P09018	2019 - 2020	17480221
Reconstruction of signal amplitudes in the CMS electromagnetic calorimeter in the presence of overlapping proton-proton interactions	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al.,	Department of Physics	JINST 15 (2020) 10, P10002	2019 - 2020	17480221
Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al.,)	Department of Physics	JINST 15 (2020) 10, P10017	2019 - 2020	17480221
Pre Natal Diagnostic Techniques(Regulation And Prevention Of Misuse) Act 1994: A Critical Analysis, Journals Vol 4 Issue 1 January 2019	Virender Negi	University Institute of Legal Studies	Journal	2019 - 2020	ISSN 2455-3085
Being Judgmental about Genetically Modified Organism A Comparative Study of The Biotechnology Regulatory Authority of India Bill 2013 with the Gene Technology Act 1995 Finland	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	Journal for Legal Studies	2019 - 2020	2278-2702
Being Judgmental about Genetically Modified Organism A Comparative Study of The Biotechnology Regulatory Authosrity of India Bill 2013 with the Gene Technology Act 1995 Finland	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	Journal for Legal Studies	2019 - 2020	2278-2702
A Comparative Study of Depression, Stress and Happiness among Drug Addicts and Non-Drug Addicts	Roshan Lal	Department of Psychology	Journal of Addiction Research and Therapy	2019 - 2020	2155-6105
Does it matter what a mother consumes? An anthropological exploration of dietary practices among Churachandpur (Manipur) pregnant women and its impact on infant birth weight	Evelyn Ngaithianven, JS Sehrawat and Reetinder Kaur	Department of Anthropology	Journal of Advanced Pediatrics and Child Health	2019 - 2020	2689-9817

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Optimal Topology in WSNs Using Energy Enhanced Technique	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Advanced Research in Dynamical and Control System	2019 - 2020	1943-023X
Chemical Systems Biology Approach for Identifying Off-Targets of Calcitriol	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Journal of Advanced Scientific Research,	2019 - 2020	0976-9595
A note on Dedekind criterion	S. K. Khanduja	Department of Mathematics	Journal of Algebra and its Applications	2019 - 2020	0219-4988
Special clean elements in rings	Dinesh Khurana	Department of Mathematics	Journal of Algebra and its Applications	2019 - 2020	0219-4988
A Versatile Lead Iodide Particle Synthesis and Film Surface Analysis for Optoelectronics.	Nasir Awol, Chernet Amente, Gaurav Verma, Jung Yong Kim	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Alloys and Compounds	2019 - 2020	0925-8388
An anomaly based distributed detection system for DDoS attacks in Tier-2 ISP networks	Krishan Kumar	University Institute of Engineering & Technology	Journal of Ambient Intelligence and Humanized Computing	2019 - 2020	
Ä comparative study on adsorptive removal of Auramine O and Tartrazine dyes from aqueous solution using Activated Carbons,	M.Mangla, Meenakshi .Goyal,G.R. Chaudhary,M.L.Sharma,) .	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Applicable Chemistry	2019 - 2020	2278-1862
A Rapid and Efficient Protocol for Chiral Sulfoxide Amides: Versatile Asymmetric Synthon	Renu Thapar	University Institute of Engineering & Technology	Journal of Applicable Chemistry	2019 - 2020	ISSN 2278 - 1862
Taxonomic studies on subgenus Pseudomegachile Friese under genus Megachile atreille (Hymenoptera) from Sutlej basin plains (India)	Dr. N. R. Kumar	Department of Zoology	Journal of Applied and Natural Science	2019 - 2020	0974-9411(Print) 2231-5209(Online)
Role of heterotrophic aerobic denitrifying bacteria in nitrate removal from wastewater	A Rajta, R Bhatia, H Setia, P Pathania	University Institute of Engineering & Technology	Journal of Applied Microbiology	2019 - 2020	1364-5072
Band engineering via grain boundary defect states for large scale tuning of photoconductivity in Bi1–xCaxFe1–yTiyO3–δ	Subhajit Nandy, Pavana SV Mocherla, Kulwinder Kaur, Sanjeev Gautam, BRK Nanda, C Sudakar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Applied Physics	2019 - 2020	0021-8979
Wave propagation in elastic–plastic material with voids	S.K. Tomar	Department of Mathematics	Journal of Applied Physics	2019 - 2020	0021-8979
High Seebeck coefficient in thermally evaporated Sb-In co-alloyed bismuth telluride thin film	S Singh, S Jindal, and S. K. Tripathi	Department of Physics	Journal of Applied Physics 127 (2020) 055103.	2019 - 2020	1089-7550
Molecular cloning and characterization of farnesyl pyrophosphate synthase gene from Panax sokpayensis, a new Panax species from Sikkim Himalaya.	Bhusan Gurung, Savita Bains, Dipanwita Saha Kashmir Singh, Pardeep K. Bhardwaj and Dinabandhu Sahoo	Department of Biotechnology	Journal of Applied Research on Medicinal and Aromatic Plants	2019 - 2020	2214-7861

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Role of Election Commission of India in Curbing Electoral Offences under The Representation of People Act, 1951	Dr. Ajay Ranga	University Institute of Legal Studies	Journal of Army institute of law	2019 - 2020	0975-8208
Indian Agriculture under open Economic Regime: Implications for livelihood and food security.	Singh, Paramjit	Department of Economics	Journal of Asian and African Studies	2019 - 2020	ISSN: 0021-9096 (print); 1745-2538 (web)
Antianxiety and Antidepressant Activity Guided Isolation and Characterization of Gossypetin from Hibiscus sabdariffa Linn. Calyces	Gulshreen, Ashwani Kumar, Anupam Sharma	University Institute of Pharmaceutical Sciences	Journal of Biologically Active Products from Nature	2019 - 2020	22311874
A quantum chemical view of the interaction of RNA nucleobases and base pairs with the side chains of polar amino acids	Ashita Ohri, Preethi Seelam Prabhakar and Purshotam Sharma	Department of Chemistry	Journal of Biomolecular Structure and Dynamics	2019 - 2020	0739-1102
Enhanced catalytic performance of Cu/Cu ₂ O nanoparticles via introduction of graphene as support for reduction of nitrophenols and ring opening of epoxides with amines established by experimental and theoretical investigations	Surbhi Kapoor, Ankush Sheoran, Mohd Riyaz, Jyoti Agarwal, Neetu Goel, Sonal Singhal	Department of Chemistry	Journal of Catalysis	2019 - 2020	0021-9517
Recognition of Newspaper Printed in Gurmukhi Script	Rupinderpal Kaur, Manish Kumar Jindal and Munish Kumar	P.U. Regional Centre, Muktsar	Journal of Central South University	2019 - 2020	2095-2899
Development and validation of a novel, rapid gradient HPLC method for simultaneous estimation of bioactive marker compounds in mixture of Convolvulus pluricaulis, Withania somnifera and Bacopa monnieri extracts.	Choudhary, S., Kaur, I.P., Malik, J.	University Institute of Pharmaceutical Sciences	Journal of Chromatographic Science	2019 - 2020	00219665, 1945239X
Integrated analytical quality by design (AQbD) approach for the development and validation of bioanalytical liquid chromatography method for estimation of valsartan.	Bandyopadhyay, S., Beg, S., Katare, O.P., Sharma, T. and Singh, B.,	University Institute of Pharmaceutical Sciences	Journal of Chromatographic Science, 58(7), 606-621.	2019 - 2020	00219665, 1945239X
QbD-steered development and validation of an RP-HPLC method for quantification of ferulic acid: Rational application of chemometric tools.	Saini, S., Sharma, T., Patel, A., Kaur, R., Tripathi, S.K., Katare, O.P. and Singh, B.,	University Institute of Pharmaceutical Sciences	Journal of Chromatography	2019 - 2020	00219673, 18733778
Adsorptive removal of imazethapyr and imazamox from aqueous solution using modified rice husk	Pervinder Kaur, Pawan Kaur, Khushwinder Kaur	Department of Chemistry	Journal of Cleaner Production	2019 - 2020	0959-6526

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Emissions of air pollutants from primary crop residue burning in India and their mitigation strategies for cleaner emissions	Ravindra, K., Singh, T. and Mor, S.	Department of Environment Studies	Journal of Cleaner Production	2019 - 2020	0959-6526
Emissions of air pollutants from primary crop residue burning in India and their mitigation strategies for cleaner emissions.	Khaiwal Ravindra, Tanbir Singh, Suman Mor	Department of Environment Studies	Journal of cleaner production	2019 - 2020	0959-6526
Enzyme cocktail: An opportunity for greener agro-pulp biobleaching in paper industry.	Sharma, A., Balda, S., Gupta, N., Capalash, N., Sharma, P.	Department of Biotechnology	Journal of Cleaner Production	2019 - 2020	0959-6526
E-waste generation and management practices in Chandigarh, India and economic evaluation for sustainable recycling	Ravindra, K. and Mor, S.,	Department of Environment Studies	Journal of cleaner production	2019 - 2020	0959-6526
Review on neoteric biorefinery systems from detritus lignocellulosic biomass: A profitable approach	Naviljyot Kaur, Gursharan Singh, Madhu Khatri, Shailendra Kumar Arya	University Institute of Engineering & Technology	Journal of Cleaner Production	2019 - 2020	09596526, 18791786
The potential of green synthesized zinc oxid nanoparticles as nutrient source for plant growth	Singh, J., Kumar, S., Alok, A., Santosh Kumar Updhyay, Rawat, M., Tsang DCW, Bolan, N, Kim K-H	Department of Botany	Journal of Cleaner Production	2019 - 2020	NA
The potential of green synthesized zinc oxide nanoparticles as nutrient source for plant growth	Dr. S.K. Upadhyay	Department of Botany	Journal of Cleaner Production	2019 - 2020	0959-6526
Trend in household energy consumption pattern in India: a case study on the influence of socio-cultural factors for the choice of clean fuel use.	Ravindra, K., Kaur-Sidhu, M., Mor, S. and John, S.,	Department of Environment Studies	Journal of cleaner production	2019 - 2020	0959-6526
Facile synthesis of a Cu-based metal-organic framework from plastic waste and its application as a sensor for acetone	R Kaur, A Marwaha, V A. Chhabra, K Kaushal, K-H Kim, S.K. Tripathi	Department of Physics	Journal of Cleaner Production, 263 (2020) 121492	2019 - 2020	0959-6526
Enzyme cocktail: An opportunity for greener agro-pulp biobleaching in paper industryand hemicellulolytic enzyme cocktail production from Bacillus tequilensis LXM 55 and its application in pulp biobleaching	Aarzo Sharma, Sanjeev Balda, Naveen Gupta, Neena Capalash, Prince Sharma	Department of Microbiology	Journal of Cleaner Productionand Biosystem Engineering	2019 - 2020	1879-1786
Biogenic Approach for Fabricating Biocompatible Carbon Dots and their Application in Colorimetric and Fluorometric Sensing of Lead Ion	Pooja Chauhan, Savita Chaudhary, Rajeev Kumar	Department of Chemistry	Journal of Cleaner Production	2019 - 2020	0959-6526
Investigating affordable cobalt based metallosurfactant as an efficient electrocatalyst for hydrogen evolution reaction	Pradeep, Ganga Ram Chaudhary, Uma Batra, Gurpreet Kaur	Department of Chemistry	Journal of Colloid and Interface Science	2019 - 2020	0021-9797

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Solar light active silver/iron oxide/zinc oxide heterostructure for photodegradation of ciprofloxacin, transformation products and antibacterial activity	A. Kaur, W. A. Anderson, S. Tanvir, S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Colloid and Interface Science	2019 - 2020	1095-7103
DETERMINANTS OF PUBLIC PRIVATE PARTNERSHIPS IN INFRASTRUCTURE: A STUDY OF DEVELOPING COUNTRIES	Dr. Naveen Kumar	University Institute of Applied Management Sciences	Journal of Commerce & Accounting Research	2019 - 2020	2277-2146
Factors Influencing Technology Acceptance In The Banking Sector: A Binary Recursive Partitioning Approach	Changati , V. & Kansal, Purva	University Business School	Journal of Commerce & Accounting Research	2019 - 2020	2277 -2146
NEED OF INCLUSIVE GROWTH IN INDIA: SOME JUSTIFICATIONS	PUJA RANI, DEEPAK KAPUR	University Business School	JOURNAL OF COMMERCE & ACCOUNTING RESEARCH	2019 - 2020	2277-2146
An in vitro determination of antibacterial effect of silver nanoparticle gel as an intracanal medicament in combination with other medicaments against Enterococcus fecalis.	Swaty Jhamb, Ruchi Singla, Amandeep Kaur, Jyoti Sharma, Jagat Bhushan	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Conservative Dentistry	2019 - 2020	0972-0707
Detection of Al ³⁺ and Hg ²⁺ ions with anthracene appended Schiff base and its reduced analogue	Baljeet Kaur & Navneet Kaur	Department of Chemistry	JOURNAL OF COORDINATION CHEMISTRY	2019 - 2020	1144-0546
Feminist analysis of RPWD Act, 2016	Prof. Raj K. Gupta	Department of Education	Journal of Disability Management and Rehabilitation	2019 - 2020	24546437
Class room Bahavior, Class size, oral skills amongh children and their school performance.	Prof. Raj K.Gupta	Department of Education	Journal of disability Managment and Rehabilitation	2019 - 2020	24546437
Investigating the potential of endolysin loaded chitosan nanoparticles in the treatment of pneumococcal pneumonia	Vijay Singh Gondil, Kusum Harjai, Sanjay Chhibber	Department of Microbiology	Journal of drug delivery science and technology	2019 - 2020	1773-2247
Pharmabiotic beads with improved encapsulation and gut survival for management of colonic inflammation associated gut derangements	Deol, P.K.,?Khare P.,?Bishnoi, M.,?Kondepudi, K.K.,?Kaur, I.P.*	University Institute of Pharmaceutical Sciences	Journal of Drug Targeting	2019 - 2020	10292330, 1061186X
Plant diversity development under planted woody species on coal mine spoil in a dry tropical environment, India: A case study	Dr. A.N. Singh	Department of Botany	Journal of Ecological Engineering	2019 - 2020	22998993
An Evaluative Study of Solar Photovoltaic Energy (Off-Grid) Development Programmes in India-A Study of Punjab, Haryana and Himachal Pradesh	Dr. Navreet (Co-Author)	Department of Public Administration	Journal of Economic Policy and Research	2019 - 2020	0975-8577
COVID-19 and Migrant Workers in India: Socio-Economic Issues and Measures for Rehabilitation	Tilak Raj	University Business School	Journal of Economics & Management Policy (JEMP)	2019 - 2020	2692-7292

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Temperature-Robust Active Vibration Controller Using MWCNT/Epoxy Strain Sensor and PZT-5H Actuator	Dr Sukesha	University Institute of Engineering & Technology	Journal of Electronic Materials	2019 - 2020	3615235
Land Reforms and Its Implementational Drawbacks - A Case Study of Punjab	Satwinder Kaur (Research Scholar)	Department of History	Journal of Emerging Technologies and Innovative Research	2019 - 2020	2349-5162
Compatibility and thermal decomposition behavior of an epoxy resin with some energetic compounds	Arjun Singh, Priyanka Singla, Subash Chandra Sahoo, Pramod Kumar Soni	Department of Chemistry	Journal of Energetic Materials	2019 - 2020	0737-0652
Exposure to mobile phone radiations at 2350MHz incites cyto- and genotoxic effects in root meristems of Allium cepa	Chandel, S., Kaur, S., Issa, M., Singh, H.P., Batish, D.R., Kohli, R.K.	Department of Botany	Journal of Environmental Health Science and Engineering , 17 (1), pp. 97-104.	2019 - 2020	
Hydro-chemistry of groundwater in a North Indian City and its suitability assessment for drinking and irrigation purposes	Khailwal, R., S. Mor, A. Singh, V.J. Singh, N. Dhanda, P. Rani and S. Mor,	Department of Environment Studies	Journal of Environmental Biology	2019 - 2020	2394-0379
Metal oxides and metal organic frameworks for the photocatalytic degradation: A review	Sanjeev Gautam, Harshita Agrawal, Manisha Thakur, Ali Akbari, Hemam Sharda, Rajwant Kaur, Mojtaba Am	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Environmental Chemical Engineering	2019 - 2020	2213-3437
Enhanced and selective adsorption of cationic dyes using novel biocompatible self-assembled peptide fibrils	Surinder K. Brar, Nishima Wangoo and Rohit K. Sharma	Department of Chemistry	Journal of Environmental Management	2019 - 2020	0301-4797
Phenotypic variations alter the ecological impact of invasive alien species: Lessons from Parthenium hysterophorus	Kaur A, Kaur S, Singh HP, Batish DR, Kohli, R.K.	Department of Environment Studies	Journal of Environmental Management	2019 - 2020	0301-4797
Common garlic (Allium sativum L.) has potent Anti-Bacillus anthracis activity	Kaur R, Tiwari A, Manish M, Maurya IK, Bhatnagar R, Singh S	Department of Microbial Biotechnology	Journal of Ethnopharmacology	2019 - 2020	0378-8741
Integrative analysis of hexaploid wheat roots identifies signature components during iron starvation	Gazaldeep Kaur,*, Vishnu Shukla,*, Anil Kumar1, Mandeep Kaur, Parul Goel, Palvinder Singh, Anuj Shuk	Department of Biotechnology	Journal of Experimental Botany,	2019 - 2020	0022-0957
Impact of family involvement on strategy and CEO compensation: Evidence from the Indian pharmaceutical industry	Suveera Gill	University Business School	Journal of Family Business Management	2019 - 2020	2043-6238

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Glutathion modified fluorescent CdS QDs synthesized using environmentally benign pathway for detection of mercury ions in aqueous phase	Jaspreet Kaur, Komal, Renu, V Kumar, KB Tikoo, Sandeep Bansal, Anupama Kaushik and Sonal Singhal	Department of Chemistry	Journal of Fluorescence	2019 - 2020	1053-0509
Glutathione Modified Fluorescent CdS QDs Synthesized Using Environmentally Benign Pathway for Detection of Mercury Ions in Aqueous Phase	Jaspreet Kaur, Komal, Renu, Vinod Kumar, K. B. Tikoo, Sandeep Bansal, Anupama Kaushik and Sonal Sing	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Fluorescence	2019 - 2020	10530509
Targeted metabolic profiling indicates differences in primary and secondary metabolites in Kinnow mandarin (<i>C. nobilis</i> × <i>C. deliciosa</i>) from different climatic conditions	Saini M. K, Capalash N, Kaur C and Singh S. P	Department of Biotechnology	Journal of food composition analysis.	2019 - 2020	0889-1575
Use of pesticides in Agricultural products and its impact on human health: A review	Tejinder Kaur, Dr A.K Sinha	Department of Anthropology	Journal of Food industry	2019 - 2020	1948-545X
Phytomodulatory effects of fresh and processed shoots of an edible bamboo <i>Dendrocalamus hamiltonii</i> Nees & Arn. Ex Munro on antioxidant defense system in mouse liver	Bajwa H.R., Santosh O., Koul A., Bisht M.S. and Nirmala C.	Department of Botany	Journal of Food Measurement and Characterization	2019 - 2020	ISSN: 2193-4134
Phytomodulatory effects of fresh and processed shoots of an edible bamboo <i>Dendrocalamus hamiltonii</i> Nees & Arn. Ex Munro on antioxidant defense system in mouse liver	Bajwa H.R., Santosh O, Koul A, Bisht M.S., C Nirmala	Department of Botany	Journal of Food Measurement and Characterization, 13(4), 3250-3256	2019 - 2020	2193-4126
Sub-acute oral toxicity evaluation of aqueous extract of bamboo shoots (<i>Dendrocalamus hamiltonii</i>) in Balb/c mice	Bajwa, H. K., Santosh, O., Koul, A., Bisht, M. S. and Nirmala C.	Department of Botany	Journal of Food Safety and Hygiene	2019 - 2020	eISSN: 2476-3241
Sub-acute oral toxicity evaluation of aqueous extract of bamboo shoots (<i>Dendrocalamus hamiltonii</i>) in Balb/c mice	Bajwa, H. K., Santosh, O., Koul, A., Bisht, M. S., & Nirmala, C.	Department of Botany	Journal of Food Safety and Hygiene	2019 - 2020	NA
Moth Bean Starch (<i>Vigna aconitifolia</i>): Isolation, characterization, and development of edible/biodegradable films	Raj Kumar, Gargi Ghoshal, Meenakshi Goyal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Food Science and Technology	2019 - 2020	0975-8402
Moth bean starch (<i>Vigna aconitifolia</i>): isolation, characterization, and development of edible/biodegradable films	Prof. Meenakshi Goyal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Food Science Technology	2019 - 2020	0022-1155 (print); 0975-8402 (web)

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Comparative metatranscriptome analysis revealed broad response of microbial communities in two soil types, agriculture versus organic soil	Pushpender Kumar Sharma, Vinay Sharma, Shailesh Sharma, Garima Bhatia, Kashmir Singh and Rohit Sharm	Department of Biotechnology	Journal of Genetic Engineering & Biotechnology	2019 - 2020	2090-5920
Governance in Major Indian States: A Comparative Analysis of 2004 and 2014	Sawhney, Upinder and Sodhi,N	Department of Economics	Journal of Governance and Public Policy vol.9, no. 2	2019 - 2020	2231-0924
An Analysis of Secondary Education Enrolment and Industrial State of Gujarat, Publisher : Gujarat Research Society, ISSN: 0374-8588,UGC-CARE List Group: Group D, Impact Factor: 4.3 ,Ravleen Kaur and Harsh Gandhar http://www.gujaratr	Harsh Gandhar	University School of Open Learning	Journal of Gujarat Research Society	2019 - 2020	ISSN No. 0374-8588
Advances in nanomaterial-based electrochemical biosensors for the detection of microbial toxins, pathogenic bacteria in food matrices.	Gupta, R., Raza, N., Bhardwaj, S. K., Vikrant, K., Kim, K. H., & Bhardwaj, N.	University Institute of Engineering & Technology	Journal of Hazardous Materials,	2019 - 2020	0304-3894
A search for the standard model Higgs boson decaying to charm quarks.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Journal of High Energy Physics	2019 - 2020	10298479
Quantitative metabolomics approach reveals dynamics of primary metabolites in ‘Kinnow’ mandarin (<i>C. nobilis</i> × <i>C. deliciosa</i>) during advanced stages of fruit maturation under contrasting growing climates.	Neena Capalash	Department of Biotechnology	Journal of Horticultural Science and Biotechnology	2019 - 2020	1462-0316
New Sivapithecus specimen from Ramnagar (Jammu & Kashmir), India and a taxonomic revision of Ramnagar hominoids	C. Gilbert, R. Sehgal, K. Pugh, C. Campisano, E. May, B. Patel,N Premjit Singh, R. Patnaik	Department of Geology	Journal of Human Evolution	2019 - 2020	0047-2484
Rights and Entitlements of Persons with Disabilities in India: An Evaluation	Dr. Bhawna Gupta (Co-Author)	Department of Public Administration	Journal of Human Rights Law and Practice	2019 - 2020	2581-8155
Linear and multiple logistic regression analysis of hand measurements of adolescent boys and girls of Ladakh (Jammu and Kashmir) for sex determination: A forensic-anthropological study	Mohd Ali, J.S. Sehrawat	Department of Anthropology	Journal of Indian Academy of Forensic Medicine	2019 - 2020	Print ISSN: 0971-0973 Online ISSN: 0974-0848
Parametric study of esterification of high free fatty acid rice bran oil using aluminum doped sulfated zirconia	Rajiv Arora, Amrit Pal Toor and Ravinder Kumar Wanchoo	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Indian Chemical Society	2019 - 2020	0019-4522
Evaluative study of quality of elementary education in Himachal Pardesh	Mamta Garg	University School of Open Learning	Journal of Indian education	2019 - 2020	ISSN No. 00972-5628

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boosting up scene self efficacy of eight graders through cooperative learning	Dr. Kalpana Thakur and Rajni Thakur	Institute Of Educational Technology & Vocational Education	journal of indian eduction	2019 - 2020	3770435
Electronic Resources Management (ERM): A scientometric study of global publications during 1999-2018	Madhu Bansal, Jivesh Bansal	A C Joshi Library	Journal of Indian Library Association	2019 - 2020	2277-5145
Open Source Software (OSS): A scientometric study of global publications during 1999-2018	Jivesh Bansal, Madhu Bansal	A C Joshi Library	Journal of Indian Library Association	2019 - 2020	2277-5145
Reinforcement learning research: a scientometric assessment of global publications output during 2009-18	Singh, N.K, Gupta, B. M., Dhawan, S.M. and Thakur, V.K.	A C Joshi Library	Journal of Indian Library Association, vol.56 (02)	2019 - 2020	2277-5145
Empathy among dental students: a systematic review of literature	Dr. Poonam Sood	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian Society of Pedodontic and Preventive Dentistry	2019 - 2020	(ISSN 0970-4388)
Effect of scaling and root planing as monotherapy on glycemic control in patients of Type 2 diabetes with chronic periodontitis: A systematic review and meta-analysis.	Shaveta Sood	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian Society of Periodontology	2019 - 2020	ISSN 0972-124X
Metrical Distinctiveness of Indian Crania Demonstration through Stepwise Multivariate Classification	Dr Gayathiri Pathmanathan	Department of Anthropology	Journal of Indo-pacific Archaeology,43	2019 - 2020	2375-0510
Metal-organic framework for sorptive/catalytic removal and sensing applications against nitroaromatic compounds,	Naresh Kumar,	University Institute of Engineering & Technology	Journal of Industrial and Engineering Chemistry	2019 - 2020	1226-086X
Construction and Validation of the Emotional and Personality related Career Indecisiveness Scale (EPSCI). , 9(12), 83-96.	Supreet Kaur	University School of Open Learning	Journal of Information and Computational Science	2019 - 2020	ISSN: 1548-7741
Career indecisiveness and developmental indecision in adolescents in institutional care	Supreet Kaur	University School of Open Learning	Journal of Information and Computational Science	2019 - 2020	1548-7741
Effect of online mastery learning on learning outcomes of 9th class secondary school students in relation to intelligence and academic stress.	Ram Mehar	University School of Open Learning	Journal of Information and Computational Science,	2019 - 2020	ISSN: 1548-7741.
Pokémon Go and Ethical Considerations—Are Pokémons Poking Us Enough?	Dr. Kewal Krishan	Department of Anthropology	Journal of Information Ethics	2019 - 2020	1061-9321
S-DDoS: Apache spark based real-time DDoS detection system	Krishan Kumar	University Institute of Engineering & Technology	Journal of Intelligent & Fuzzy Systems	2019 - 2020	1875-8967

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E-Had: A distributed and collaborative detection framework for early detection of DDoS attacks	Krishan Kumar	University Institute of Engineering & Technology	Journal of King Saud University - Computer and Information Sciences	2019 - 2020	
Pedigree of People's Participation in Democratic India: An Analytical Tracing	Bharat (1st author)	University Institute of Legal Studies	Journal of Law Teachers of India (JOLT-I), Volume 9	2019 - 2020	2231-1580
Caste, Aesthetic and Dalit Activists as Modernity's Dialogist	Amandeep	Department of Evening Studies	Journal of Literature & Aesthetics	2019 - 2020	ISSN2278-523X
I-III-VI core/shell QDs: Synthesis, characterizations and applications	S Jain, S Bharti, G K Bhullar and S. K. Tripathi	Department of Physics	Journal of Luminescence	2019 - 2020	0022-2313
Development of agri-biomass based lignin derived zinc oxide nanocomposites as promising UV protectant-cum-antimicrobial agents	Ravneet Kaur, Neeraj Singh Thakur, Sanjam Chandna and Jayeeta Bhaumik	Department of Microbial Biotechnology	Journal of Material Chemistry B	2019 - 2020	
Naphthalimide-gold-based nanocomposite for the ratiometric detection of okadaic acid in shellfish	Verma, M., Chaudhary, M., Singh, A., Kaur, N., Singh, N.	Department of Chemistry	Journal of Material Chemistry B	2019 - 2020	2050-7518
Physicochemical stimuli as tuning parameters to modulate the structure and stability of nanostructured lipid carriers and release kinetics of encapsulated antileprosy drugs	Rohini Kanwar, M. Gradzielski, Sylvain Prevost, Gurpreet Kaur, Marie-Sousai Appavou, S. K. Mehta	Department of Chemistry	Journal of Materials Chemistry B 2019,7, 6539-6555	2019 - 2020	2050-7518
Evaluation of tool wear, energy consumption, and surface roughness during turning of inconel 718 using sustainable machining technique	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Materials Research and Technology, Volume 9, Issue 3,Pages 5794-5804, May–June 2020.	2019 - 2020	2238-7854
Romanesco broccoli-like palladium nano-fractals for superior methanol electro-oxidation	Narinder Singh, Amrit Pal Toor and Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Materials Science	2019 - 2020	1573-4803
Efficacy of Dual Use of Tc-99m-Pertechnetate and Tc-99mTetrofosmin Scintigraphy for the Assessment of Thyroid Nodules.	Nisha Bhatia, Vandana Dhingra, D K Dhawan, Vijayta D Chadha.	Centre for Nuclear Medicine	Journal of Medical Imaging and Radiation Oncology	2019 - 2020	Online ISSN:1754-9485
Molecular characterization and immunogenic function of ML1899 (LipG) of Mycobacterium leprae	Ruchi Rastogi, Gurkamaljit Kaur, Pratibha Maan, Archana Bhatnagar, Jagdeep Kaur	Department of Biotechnology	Journal of medical microbiology	2019 - 2020	0095-1137
Non-Parametric tests for testing of scale parameters	M. Goyal and Narinder Kumar	Department of Statistics	Journal of Modern Applied Statistical Methods	2019 - 2020	1538 – 9472
Development of an off-on selective fluorescent sensor for the detection of Fe3p ions based on Schiff base and its Hirshfeld surface and DFT studies	G. Singh, J. Sindhu, V. Kumar, V. Sharma, SK Sharma, SK Mehta, MH Mahnashi, A. Umar, Ramesh Kataria	Department of Chemistry	Journal of Molecular Liquid	2019 - 2020	0167-7322

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Volumetric, acoustic and infrared spectroscopic study of amino acids in aqueous solutions of pyrrolidiniumbased ionic liquid, 1–butyl–1–methyl pyrrolidinium bromide	Harsh Kumar, Gurpreet Singh, Ramesh Kataria , Suresh Kumar Sharma	Department of Chemistry	Journal of Molecular Liquid	2019 - 2020	0167-7322
Curcumin nanoemulsion as a biocompatible medium to study the metal ion imbalance in a biological system	Raj Kumar, Shivani Uppal, Khushwinder Kaur, SK Mehta	Department of Chemistry	Journal of Molecular Liquids	2019 - 2020	0167-7322
Development of an off-on selective fluorescent sensor for the detection of Fe ³⁺ ions based on Schiff base and its Hirshfeld surface and DFT studies	Vishal Sharma	Institute of Forensic Science & Criminology	Journal of Molecular Liquids	2019 - 2020	18733166, 01677322
Direct redox sensing of uranium using copper oxide quantum dots	Gaurav Bhanjana, Inderpreet Toor, Ganga Ram Chaudhary, Neeraj Dilbaghi, Ki-Hyun Kim, Sandeep Kumar	Department of Chemistry	Journal of Molecular Liquids	2019 - 2020	0167-7322
The mechanism of tuning the morphology of bio-conjugated ZnO nanoparticles with citrate coated gold nanoparticles for degradation of EBT: DFT and experimental study	Dr. Gurinder Singh and Dr. Aman Kaura	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Molecular Liquids	2019 - 2020	--
The mechanism of tuning the morphology of bio-conjugated ZnO nanoparticles with citrate coated gold nanoparticles for degradation of EBT:DFT and experimental study.	S Singh, P Kumari, S. K. Tripathi and G Singh	Department of Physics	Journal of Molecular Liquids	2019 - 2020	0167-7322
The study of molecular interactions of aqueous solutions of Choline Acetate at different temperatures	Avneet Kaur, Shafila Bansal, Divya Chauhan, K.K. Bhasin, Ganga Ram Chaudhary	Department of Chemistry	Journal of Molecular Liquids	2019 - 2020	0167-7322
Utilizing corona on functionalized selenium nanoparticles for loading and release of doxorubicin payload	D. Chakraborty, P. Chauhan, S. Kumar, S. Chaudhary, N. Chandrasekaran, A. Mukherjee, K.R. Ethiraj	Department of Chemistry	Journal of Molecular Liquids	2019 - 2020	0167-7322
Self-assembled dipeptide nanospheres as single component based delivery vehicle for ampicillin and doxorubicin	Prabhjot Singha, Priya Manhas, Rohit Sharma, S. K. Pandey, Rohit K. Sharma, O. P. Katore, N. Wangoo	Department of Chemistry	Journal of Molecular Liquids 2020, 312, 113420-113429	2019 - 2020	0167-7322
A study of synthesis, characterization and metalloplex formation ability of cetylpyridinium chloride based metallosomes	Gurpreet Kaur, Baljinder Kaur, Preeti Garg, Ganga Ram Chaudhary, Santosh L. Gawali, P.A. Hassan	Department of Chemistry	Journal of Molecular Liquids 300 (2020) 112326.	2019 - 2020	0167-7322

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A QM/MM study on ethane and benzene oxidation using silica-supported chromium trioxide	Indu Kumari & Navjot Kaur & Shuchi Gupta & Neetu Goel	Department of Chemistry	Journal of Molecular Modeling	2019 - 2020	1610-2940
Understanding structure-activity relation in VxOy clusters of varied stoichiometry and sizes through conceptual density functional approach.	Shuchi Gupta	University Institute of Engineering & Technology	Journal of Molecular Modeling	2019 - 2020	16102940, 09485023
Graphene based magnetic nanohybrids as promising catalysts for the green synthesis of β -amino alcohol derivatives	Ankush Sheoran, J Kaur, P. Kaur, Vinod Kumar, K.B. Tikoo, jyoti Agarwal, S. Bansal, Sonal Singhal	Department of Chemistry	Journal of Molecular Structure	2019 - 2020	0022-2860
Preparation of gum acacia-poly(acrylamide-IPN-acrylic acid) based nanocomposite hydrogels via polymerization methods for antimicrobial applications	Vishal Sharma	Institute of Forensic Science & Criminology	Journal of Molecular Structure	2019 - 2020	0022-2860
Second sphere coordination in orthonitrophenolate binding: Synthesis, biological, cytotoxic and X-ray structural studies of [Co(bpy)2CO3](C6H4NO3)·3H2O	Dr. Rohit Sharma	Department of Microbial Biotechnology	Journal of Molecular Structure	2019 - 2020	0022-2860
Human Opinion Dynamics-based Optimisation for In-band Spectrum Sensing in Cognitive Radio Network	Dr. Roopali Garg	University Institute of Engineering & Technology	Journal of National Science Foundation Sri Lanka	2019 - 2020	2362-0161
Effects of Laser Linewidth on the Performance of DP-QPSK DWDM System	Neeraj Sharma, Sunil Agrawal, Vinod Kapoor und Sumit Budhiraja	University Institute of Engineering & Technology	Journal of Optical Communications	2019 - 2020	2191-6322
Effects of Laser Linewidth on the Performance of DP-QPSK DWDM System,	Sharma, N.	University Institute of Engineering & Technology	Journal of Optical Communications	2019 - 2020	19430620
Dentinogenic ghost-cell tumor of the maxilla: A case report and review of literature	Dr. Simranjit Singh	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Oral & Maxillofacial Pathology	2019 - 2020	Print -0973-029X, Online - 1998-393X
Mild and Metal-Free Protocol toward the Synthesis of Triarylmethanes by Reactions of (Hetero)Arylboronic Acids and ortho-Hydroxyarylaldehydes	Irfana Jesin C. P, A. Antony Haritha Mercy, Ravindra S, Ramesh Kataria, Ganesh Chandra Nandi	Department of Chemistry	Journal of Organic Chemistry	2019 - 2020	0022-3263 (print); 1520-6904 (web)
Leishmaniasis diagnosis: an update on the use of parasitological, immunological and molecular methods	DR. SUKHBIR KAUR	Department of Zoology	Journal of Parasitic Diseases	2019 - 2020	0971-7196 / 0975-0703
Myxidium tictol n. sp., a myxozoan parasite infecting kidney of fresh water barb Puntius ticto from river Gomti, Lucknow (U.P.)	Dr. Harpreet Kaur	Department of Zoology	Journal of Parasitic Diseases	2019 - 2020	Panjab University Chandigarh

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Association of dietary intake below recommendations and micronutrient deficiencies during pregnancy and low birthweight	Prof. Rajat Sandhir	Department of Biochemistry	Journal of Perinatal Medicine	2019 - 2020	ISSN: 0300-5577 (Print) 1619-3997 (Electronic) 0300-5577 (Linking)
Binding studies of trans-resveratrol with superoxide dismutase (SOD1): Docking assessment and Thermoanalysis	Janhvi Dureja, Renu Chadha, Maninder Karan, Akshita Jindal, and Kunal Chadha	University Institute of Pharmaceutical Sciences	Journal of Pharmaceutical and Biopharmaceutical Research	2019 - 2020	2630-533X
n Elucidative Review to Analytically Sieve the Viability of Nanomedicine Market.	Kad, A., Pundir, A., Arya, S. K., Bhardwaj, N., & Khatri, M.	University Institute of Engineering & Technology	Journal of Pharmaceutical Innovation	2019 - 2020	1939-8042
Nasal mucoadhesive microspheres of lercanidipine with improved systemic bioavailability and antihypertensive activity	Beg, S., Rahman, M., Panda, S. K., Alharbi, K. S., Alruwaili, N. K., Aameeduzzafar, Singh, P. K., Thappa, M. and Singh, B.	University Institute of Pharmaceutical Sciences	Journal of Pharmaceutical Innovation	2019 - 2020	18725120, 19398042
Evaluation of antioxidant potential and phytochemical characterization using GCMS analysis of bioactive compounds of Achillea filipendulina (L.) Leaves	Prof. Richa Puri	Department of Botany	Journal of Pharmacognosy and Phytochemistry	2019 - 2020	2278-4136
A simple schiff base as a multi responsive and sequential sensor towards Al ³⁺ , F ⁻ and Cu ²⁺ ions	Baljeet Kaur, Akhil Gupta, Navneet Kaur	Department of Chemistry	Journal of Photochemistry & Photobiology A: Chemistry 389 (2020) 112140	2019 - 2020	0167-7322
Selective two way Cd(II) and Co(II) ions detection by 1,2,3–triazole linked fluorescein derivative	Prabhjot KaurBajrang LalNavpreet KaurGurjaspreet SinghAkshpreet SinghGurpreet KaurJandeep Singh12Fig	Department of Chemistry	Journal of Photochemistry & Photobiology A: Chemistry	2019 - 2020	10106030
Biosynthesis of hematite nanoparticles using Rheum emodi and their antimicrobial and anticancerous effects in vitro	Dr. Ravinder Kumar	Department of Zoology	Journal of Photochemistry and Photobiology B: Biology	2019 - 2020	1011-1344
CdS-Decorated MIL-53(Fe) Microrods with Enhanced Visible Light Photocatalytic Performance for the Degradation of Ketorolac Tromethamine and Mechanism Insight	G. Chaturvedi, A. Kaur, S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Physical Chemistry C	2019 - 2020	1932-7455
Nanofluids Rheology for Viscoelastic Oldroyd-B Fluid: A Revised Model	Urvashi Gupta, Jeevanpreet Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Physics: Conference Series	2019 - 2020	1742-6588

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Tracing the footprints of the ABCDE model of flowering in Phalaenopsis equestris (Schauer) Rchb.f. (Orchidaceae)	Dr. S.K. Upadhyay	Department of Botany	Journal of Plant Biotechnology	2019 - 2020	2384-1397
Tracing the Footprints of ABCDE model of Flowering in Phalaenopsis equestris (Schauer) Rchb.f. (Orchidaceae)	Himani, Thakku R Ramkumar, Shivi Tyagi, Himanshu Sharma, Santosh K. Upadhyay, Jaspreet K. Sembi	Department of Botany	Journal of Plant Biotechnology 46:255-273	2019 - 2020	NA
Effect of functionalized multi-walled carbon nanotubes on thermal and mechanical properties of acrylonitrile butadiene styrene nanocomposite	Sahil Kapoor, Meenakshi Goyal and Prashant Jindal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Polymer Research	2019 - 2020	10229760, Online 15728935
Export surpluses and complementarities of countries: a note on realism of balance of payment constrained growth models, Journal of Post Keynesian Economics	S.P. Padhi	Department of Economics	Journal of Post Keynesian Economics	2019 - 2020	0160-3477
Variant-Triggered Multiple-Based Probabilistic Valuation Model (VTMP) for Private Equity Investments	Dr. MANU SHARMA	University Institute of Applied Management Sciences	JOURNAL OF PRIVATE EQUITY	2019 - 2020	1096-5572
¹ H NMR based metabolic signatures in live and brain in rat model of Hepatic encephalopathy	Barnwal, Ravi P	Department of Biophysics	Journal of Proteome Research	2019 - 2020	1535-3893 (Print) 1535-3907 (Electronic) 1535-3893 (Linking)
Social competence of eighth graders in a cooperative learning classroom.	Rajni Thakur & DR Kalpana Thakur	Institute Of Educational Technology & Vocational Education	Journal of Psychology & Education, 9(1), 26-32	2019 - 2020	2231-1432
On the index of an algebraic integer and beyond	S. K. Khanduja	Department of Mathematics	Journal of Pure and Applied Algebra	2019 - 2020	0022-4049
Investigation on major, minor and trace elements in some medicinal plants using Particle Induced X ray Emission	Shashank Singh, Mumtaz Oswal, B. R. Behera, Ashok Kumar, S. Santra, R. AcharyaK. P. Singh	Department of Physics	Journal of Radio analytical and Nuclear Chemistry (2020) 323:1443–1449 (Feb. 2020)	2019 - 2020	0236-5731,1588-2780
Development and Initial Characterization of ^{99m} Tc Labeled NAcetyl Neuraminic Acid for its Application in in-Vivo Imaging of Cancer - A preclinical Study	Ravi Ranjan Kumar, Dewinder K Dhawan, Vijayta D Chadha	Centre for Nuclear Medicine	Journal of Radioanalytical and Nuclear Chemistry	2019 - 2020	Print ISSN: 0236-5731; Electronic ISSN: 1588-2780

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Role of diet and trace elements in lithogenesis of renal calculi	Alok Srivastava1 · Kallola K. Swain2 · Vikas Chahar1 · Sonakshi Bhardwaj et al	Department of Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2019 - 2020	2365731
Effect of doping of different rare earth (europium, gadolinium, dysprosium and neodymium) metal ions on structural, optical and photocatalytic properties of LaFeO3 perovskites	Manisha Dhiman and Sonal Singha	Department of Chemistry	Journal of Rare Earths	2019 - 2020	1002-0721
Siwalik, Shivalik, Shiwalik or Sivalik: Which one is an appropriate term for the foothills of Himalayas	Dr. A.N. Singh	Department of Botany	Journal of Scientific Research, 1-7	2019 - 2020	na
Enhanced photocatalytic performance of Ru doped spinel nanoferrites for treating recalcitrant organic pollutants in wastewater	Sneha Singh, Paramdeep Kaur, Sandeep Bansal and Sonal Singhal	Department of Chemistry	Journal of Sol-Gel Science and Technology	2019 - 2020	0928-0707
Removal of fluoroquinolone drug, levofloxacin, from aqueous phase over iron based MOFs, MIL-100(Fe)	G. Chaturvedi, A.Kaur, A.Umar, M.A. Khan, H. Algarni,S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Solid State Chemistry	2019 - 2020	0022-4596
A generalization of the Sukhatme's test for two-sample scale problem	M. Goyal and Narinder Kumar	Department of Statistics	Journal of Statistical Theory and Applications	2019 - 2020	1538-7887
Evaluation and implementation of cluster head selection in WSN using Contiki /Cooja simulator	Dr. Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	Journal of Statistics and Management Systems, Taylor & Francis, pg 407-418, Vol 23, no 2	2019 - 2020	ISSN: 0972-0510(Print) 2169-0014(online)
Emerging role of dermal compartment in skin pigmentation: comprehensive review	Kapoor, R., Dhatwalia, S. K., Kumar, R., Rani, S., & Parsad, D.	Department of Zoology	Journal of the European Academy of Dermatology and Venereology	2019 - 2020	ISSN / eISSN: 0926-9959 / 1468-3083
Spatio-Temporal Variations in the Pattern of Agricultural Labour in Punjab: A Geographical Study	Dr. Sucha Singh	University School of Open Learning	Journal of The Gujarat Research Society	2019 - 2020	0374-8588
Role of Government Agencies for Marketing Support to Emerging Entrepreneurs	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	Journal of the Gujarat Research Society, Vol. 21, Issue 07, Nov 2019, ISSN: 0374-8588	2019 - 2020	0374-8588
Extraction of polyphenolic compound gossypol from defatted cottonseed using butanol-ethanol-water mixed solvent	Singh, S., Sharma, S.K., Kansal, S.K	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of the Indian Chemical Society	2019 - 2020	0019-4522
Prorogation and Justiciability: The Constitutional Principles of Marbury, Minerva Mills and Miller	shruti Bedi	University Institute of Legal Studies	Journal of the Indian Law Institute, Vol.62 No.1, pp.76-89	2019 - 2020	ISSN 0019-5731

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Sweet-MXene hydrogel with mixed-dimensional components for biomedical applications	Alireza Rafieerad, Glen Lester Sequiera, Weiang Yan, Parminder Kaur, Ahmad Amiri, Sanjiv Dhingra	University Institute of Engineering & Technology	Journal of the mechanical behavior of biomedical materials	2019 - 2020	1751-6161
Spatial Patterns of Food Availability in Shivalik Belt of Punjab and Haryana	Dhian Kaur	Department of Geography	Journal of the Social Sciences	2019 - 2020	0975-8935
Heat induced differential pattern of DNA fragmentation in male germ cells of rats	Kaushal, Naveen	Department of Biophysics	Journal of thermal biology	2019 - 2020	0306-4565 (Print) 0306-4565 (Linking)
On the dispersion of waves for the linear thermoelastic relaxed micromorphic model	Aarti Khurana	Department of Mathematics	Journal of Thermal Stresses	2019 - 2020	0149-5739
Enhanced thermal, static and dynamic mechanical properties of multi-walled carbon nanotubes reinforced Acrylonitrile Butadiene Styrene nanocomposite	S. Kapoor, M. Goyal, and P. Jindal	University Institute of Engineering & Technology	Journal of Thermoplastic Composite Materials	2019 - 2020	0892-7057
Enhanced thermal, static, and dynamic mechanical properties of multi-walled carbon nanotubes-reinforced acrylonitrile butadiene styrene nanocomposite	Sahil Kapoor, Meenakshi Goyal and Prashant Jindal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Thermoplastic composite materials	2019 - 2020	ISSN: 0892-7057. Online ISSN: 1530-7980
Altered presence of extra cellular matrix components in murine skin cancer: Modulation by Azadirachta indica leaf extract	Koul,Ashwani	Department of Biophysics	Journal of Traditional and Complementary Medicine	2019 - 2020	2225-4110
COVID-19 and Its Management in India: A Legal Study	Dr. Ajay Ranga	University Institute of Legal Studies	Journal of UILS	2019 - 2020	2229-3906
Narco Analysis as a Tool of Investigation-A Socio Legal Study	Dr. Ajay Ranga	University Institute of Legal Studies	Journal of UILS	2019 - 2020	2229-3906
The Consumer Protection Bill 2018: An Appraisal	Virender Negi	University Institute of Legal Studies	Journal of UILS	2019 - 2020	ISSN 2229-3906
Adverse Drug reaction Reporting System in India : A Study	Dr.Ashish Virk	P.U. Regional Centre, Ludhiana	Journal of University Institute of Legal Studies	2019 - 2020	2229-3906
An Econometric Analysis of Differences in Waes in Manufacturig Sector: A State wise Study	Meenu Saihjpal	University Institute of Legal Studies	Journal of University Institute of legal Studies	2019 - 2020	2229-3906
Using Memes in Language Classrooms of Post Millennials	Chanchal Narang	University Institute of Legal Studies	Journal of University Institute of Legal Studies Vol. XIII 2019	2019 - 2020	ISSN: 2229-3906
Abuse against Street Children: An Emerging issue of 21 st Century,	Anupam Bahri	University Institute of Legal Studies	Journal of University Institute of Legal Studies,	2019 - 2020	ISSN 2229-3906

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Understanding media's impact on Children: A synoptic View,	Nanveet Arora	University Institute of Legal Studies	Journal of University Institute of Legal Studies,	2019 - 2020	ISSN 2229-3906
India's Position on Climate Change: Continuity and Change	Pushpinder Kaur	University Institute of Legal Studies	Journal of University Institute of Legal Studies, 2019, Volume XII,	2019 - 2020	ISSN: 2229-3906
The Use of Neo Democratic Methods for Resolution of Territorial Disputes with special Reference to India: An Analysis	Karan Jawanda	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol XIII 2019	2019 - 2020	ISSN-2229-3906
Right to Privacy with special reference to Pegasus Attack	Amita Verma and Akshat	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol XIII, Year 2019	2019 - 2020	ISSN 2229-3906
Capital Market Regulation in India and USA: An Analysis	Jai Mala	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol. XIII	2019 - 2020	ISSN-2229-3906
Disciplinary proceedings against Employees: An Analysis	Dr. Babita Devi	Department of Laws	Journal of University Institute of Legal Studies, Vol. XIII, 2019	2019 - 2020	2229-3906
The Legal Standing of Transgenders in the Advertising Industry: Seeking Equality through Law and Justice	Shruti Bedi & Pallavi	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol. XIII, pp. 27-42	2019 - 2020	ISSN 2229-3906
Parenting in Indian Child Custody Jurisprudence: An Analysis	Karan Jawanda	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Vol. XIV, issue no. II, 2020	2019 - 2020	ISSN: 2229-3906
Tax Amnesty Schemes: A Mode to Resolve Tax Disputes Through Negotiation in India	Dr. Dinesh Kumar and Sulbha Setia	Department of Laws	Journal of University Institute of Legal Studies, Vol. XIV, No. 1, 2020	2019 - 2020	2229-3906
Vouchers Under Indian GST and EU VAT Directive: A Comparative Analysis	Dr. Dinesh Kumar and Sulbha Setia	Department of Laws	Journal of University Institute of Legal Studies, Vol. XIV, No. 2, 2020	2019 - 2020	2229-3906
Love waves in a nonlocal elastic media with voids	Dilbag Singh	Department of Mathematics	Journal of Vibration and Control	2019 - 2020	10775463
Taguchi-TOPSIS based HOG Parameter Selection for Complex Background Sign Language Recognition	Vig, R	University Institute of Engineering & Technology	Journal of Visual Communication and Image Representation	2019 - 2020	10473203
Nifty Volatility Using Neutral Strategies	Dr. MANU SHARMA	University Institute of Applied Management Sciences	Journal of Wealth Management	2019 - 2020	1534-7524
Supply and Demand Power of Gold Influencing Gold Pricing	Dr. Manu Sharma	University Institute of Applied Management Sciences	Journal of Wealth Management	2019 - 2020	1534-7524

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Using Computer Simulation to Enhance Science Teaching and Learning at Secondary Education.,	Ram Mehar	University School of Open Learning	Journal of Xidian University	2019 - 2020	ISSN: 1001-2400
Impact of Covid-19 Pandemic on Higher Education.	Ram Mehar	University School of Open Learning	Journal of Xidian University,	2019 - 2020	ISSN: 1001-2400.UGC Care Group-II Journal, Available at
Meta-cognitive awareness for ensuring learning outcomes among senior secondary school students.	Ram Mehar	University School of Open Learning	Journal of Xidian University,	2019 - 2020	ISSN: 1001-2400.
Discovery of traces of Cruziana semiplicata and C. rugosa groups (Cambro-Ordovician) from the Lesser Himalaya, India and their stratigraphic, tectonic and palaeobiogeographic implications.	Singh, B. P., Bhargava, O.N., Mikuláš, R., Prasad, S.K., Morrison, S., Chaubey, R.S., Kishore, N.,	Department of Geology	Journal Paleontological Society of India	2019 - 2020	0552-9360
Dr. Darshan Singh Da Sikh Chiton	Jaspal Kaur Kaang	University School of Open Learning	Khoj Patarika Punjabi Patiala Aalochak Vishesh Ank (Part III) Aalochak Vishesh Ank (Part III)	2019 - 2020	978-81-302-0484-0 2019
Dr.Gurpal Singh Sandhu di Alochanatmik Dristi	Dr.Gurjit Singh	P.U. Rural Centre, Kauni, Muktsar	KHOJ PATIRKA	2019 - 2020	yes
Cross- cultural validation of Hindi Version Knee Injury and Osteoarthritis Outcome Score (KOOS) in Osteoarthritis Knee	Suresh Kumar sharma et.al	Department of Statistics	Knee Surgery, Sports Traumatology, Arthroscopy	2019 - 2020	0942-2056
A novel unsupervised corpus-based stemming technique using lexicon and corpus statistics	Jasmeet Singh and Vishal Gupta	University Institute of Engineering & Technology	Knowledge-Based Systems, Elsevier	2019 - 2020	9507051
Corrupt Practices under the Representation of the People Act,1951: A Study	Dr. Ajay Ranga	University Institute of Legal Studies	Kurukshetra Law Journal	2019 - 2020	2231-5519
Inclusive Education for Children with Disabilities: An Indian Perspective	Bharat (1st author)	University Institute of Legal Studies	Kurukshetra Law Journal,	2019 - 2020	2231-5519
Assessment of ponds surrounding Imphal Valley on the basis of various biological and physicochemical parameters	Soubam Indrakumar Singh, Priyanka Sharma, Savita Chaudhary, Mon Gonchandra Sharma, Saltanat Yegemova	Department of Environment Studies	Lakes & Reservoirs: Science, Policy and Management for Sustainable	2019 - 2020	1440-1770
APPROACHING THE ALTERNATIVES THROUGH BAKHTIN: A STUDY OF WENDY DONIGER'S THE HINDUS: AN ALTERNATIVE	Dr. Meenu Gupta	Department of English & Cultural Studies	LangLit An International Peer-Reviewed Open Access Journal	2019 - 2020	ISSN 2349-5189
Spatial-domain filtering techniques dictate low-light visible and IR image-fusion performance.	Agrawal, S.	University Institute of Engineering & Technology	LASER FOCUS WORLD	2019 - 2020	1043-8092
Ethical Issues vis-à-vis News Media: Legal Scenario	Karan Jawanda	University Institute of Legal Studies	Law and Media	2019 - 2020	978-93-81587-36- 2

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Judicial Vs Legislative Domain an Appraisal Through the prism of State of Kerala Vs K Ajith and Others	Dr Sunaina	P.U. S.S. Giri Regional Centre, Hoshiarpur	Law Review Refreed Journal Vol. 58 Part 2 2019	2019 - 2020	0971-5541
SSCCJ: System for Source to Source Conversion from C++ to Java for Efficient Computing in IoT Era	Preeti Bhatt, Dr. Harmunish Taneja, Dr. Kavita Taneja	Department of Computer Science & Applications	Lecture Notes in Networks and Systems	2019 - 2020	978-981-15-3019-7
Extraction, Characterization, Physicochemical and Rheological Properties of Two Different Varieties of Chickpea Starch	Gargi Ghoshal, Kartik Kaushal.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Legume Science	2019 - 2020	2639-6181
Synthesis and evaluation of substituted aryl thiazoles with antioxidant potential as gastro-sparing anti-inflammatory agents.	Bansal, A., Bali, A., Balaini, A.	University Institute of Pharmaceutical Sciences	Letters in Drug Design and Discovery, 17(12): 1566 ? 1578	2019 - 2020	15701808
Factors influencing higher similarity and plagiarism amongst research scholars: A comparative study of two Indian universities-Centers of Higher Education	Dr. Rupak Chakravarty and Deepti Madaan	Department of Library & Information Science	Library Philosophy and Practice	2019 - 2020	1522-0222
Library and Information Science Courses in India: Issues and Suggestions	Khushpreet Singh Brar,Bhupinder Singh and Amandeep Kaur	Department of Library & Information Science	Library Philosophy and Practice	2019 - 2020	1522-0222
Library Performance Assessment of Service Quality through LibQUAL: The Case of Maharshi Dayanand University (MDU), Rohtak (India)	Anil Kumar, Preeti Mahajan	Department of Library & Information Science	Library Philosophy and Practice	2019 - 2020	1522-0222
Exploring Awareness and Attitude on Plagiarism among Research Scholars: A Case Study of Panjab University, Chandigarh (India)	A kumar	A C Joshi Library	Library Philosophy and Practice (e-journal)	2019 - 2020	1522-0222
Beneficial effects of ferulic acid alone and in combination with insulin in streptozotocin induced diabetic neuropathy in Sprague Dawley rats	Dhaliwal J, Dhaliwal N, Akhtar A, Kuhad A, Chopra K	University Institute of Pharmaceutical Sciences	Life Sciences	2019 - 2020	0024-3205.
Berberine attenuated olanzapine-induced metabolic alterations in mice: Targeting transient receptor potential vanilloid type 1 and 3 channels	Singh R, Bansal Y, Sodhi RK, Singh DP, Bishnoi M, Kondepudi K, Medhi B, Kuhad A	University Institute of Pharmaceutical Sciences	Life Sciences	2019 - 2020	0024-3205
Gandhi Ki Kala Drishti Aur Sahitya Sutra	Sudhir Kumar	Department of Evening Studies	Madhya Bharti	2019 - 2020	0974 0066
Robotic Surgery: Anaesthesiologist’s Contemplation	Vinay Kapur	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Malaysian Journal of Medical Sciences	2019 - 2020	1394195X
DO WORK VALUES IMPACT ORGANIZATIONAL CITIZENSHIP BEHAVIOUR?	Anuradha Thakur, Monica Bedi, Meenakshi Malhotra	University Business School	management journal from fore abhigyan quest for excellence	2019 - 2020	0970-2385

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Marine Cyanobacteria and Microalgae Metabolites?A Rich Source of Potential Anticancer Drugs	Arijit Mondal, Sankhadip Bose, Sabyasachi Banerjee, Jayanta Kumar Patra ,Jai Malik, Sudip Kumar Mandal, Kaitlyn L. Kilpatrick, Gitishree Das, Rout George Kerry, Carmela Fimognari and Anupam Bishayee	University Institute of Pharmaceutical Sciences	Marine Drugs	2019 - 2020	1660-3397
In-situ one pot synthesis of graphene- ZnO nanohybrid and its application to UV light detection	J. K. Gowsamy, Suresh Kumar	University Institute of Engineering & Technology	Mater. Res. Express	2019 - 2020	2053-1591
Performance analysis of gate stacked with nitride GAA-TFET,	Nitika Sharma, Nidhi Garg,Gurpreet Kaur	University Institute of Engineering & Technology	Mater. Today Proc	2019 - 2020	2214-7853
Enhancing the efficiency of Iterative Filtering Algorithm and sensors material analysis,	Charu Madhu	University Institute of Engineering & Technology	Mater. Today Proc.	2019 - 2020	2214-7853
Nitrogen and sulfur co-doped fluorescent carbon dots for the trapping of Hg(II) ions from water	Kaur, H., Kaur, N., Singh, N.	Department of Chemistry	Material Advances	2019 - 2020	2633-5409
In-situ one pot Synthesis of Graphene-ZnO Nanohybrid and its application to UV light detection	J K Goswamy	University Institute of Engineering & Technology	Material Research Express	2019 - 2020	ISSN 2053-1591
TCGA: A multi-genomics material repository for cancer research	Neelam Goel	University Institute of Engineering & Technology	Material Todays: proceedings	2019 - 2020	2214-7853
Development of magnetically retrievable spinel nanoferrites as efficient catalysts for aminolysis of epoxides with amines	A. Sheoran, M. Dhiman, S. Bhukal, R.Malik, J. agarwal, B.Chudasama, S. Singhal	Department of Chemistry	Materials Chemistry and Physics	2019 - 2020	0254-0584
Green biomimetic silver nanoparticles as invigorated colorimetric probe for Hg2p ions: A cleaner approach towards recognition of heavy metal ions in aqueous media	Shweta Sharma	Institute of Forensic Science & Criminology	Materials Chemistry and Physics	2019 - 2020	0254-0584
Growth of bone like hydroxyapatite and cell viability studies on CeO2 doped CaO–P2O5–MgO–SiO2 bioceramics	Dr Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	Materials Chemistry and Physics	2019 - 2020	0254-0584
Novel biogenic silver nanoparticles as invigorated catalytic and antibacterial tool: A cleaner approach towards environmental remediation and combating bacterial invasion	Shweta Sharma	Institute of Forensic Science & Criminology	Materials Chemistry and Physics	2019 - 2020	0254-0584
Novel insights into the Dispersed and Acid-mediated Surface Modification of the Carbon Nanofibers.	Kamini Turan, Prabhsharan Kaur, Dinesh Manhas, Jadab Sharma, Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Chemistry and Physics	2019 - 2020	0254-0584

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
pH dependent drug release from drug conjugated PEGylated CdSe/ZnS nanoparticles	S Jain, S Bharti, G K Bhullar and S. K. Tripathi	Department of Physics	Materials Chemistry and Physics	2019 - 2020	0254-0584
Chitosan based in situ and ex situ magnetic iron oxide nanoparticles for rapid endotoxin removal from protein solutions	Achyut Konwar, Devasish Chowdhury and Abhijit Dan*	Department of Chemistry	Materials Chemistry Frontiers	2019 - 2020	2052-1537
Bactericidal activity of Cannabis sativa phytochemicals from leaf extract and their derived Carbon Dots and Ag@Carbon Dots. https://doi.org/10.1016/j.matlet.2019.127122	Sheena Raina, Anupma Thakur, Aditi Sharma, Pooja D., Anu Priya Minhas.	University Institute of Engineering & Technology	Materials Letters	2019 - 2020	0167-577X
Study of structural, optical and electrochemical properties of ZnO nanostructures and ZnO-PANI nanocomposites	Suman, Navdeep Goyal, Nirmal Prabhakar, Rajesh Kumar	Department of Physics	Materials Research Express	2019 - 2020	2053-1591
Effect of multi-walled carbon nanotubes on thermal stability of polyurethane nanocomposites	D. Kumar and P. Jindal	University Institute of Engineering & Technology	Materials Research Express,	2019 - 2020	2053-1591
Graphene oxide (GO)/Copper doped Hematite (α -Fe ₂ O ₃) nanoparticles for organic pollutants degradation applications at room temperature and neutral pH.	Suresh Kumar	University Institute of Engineering & Technology	Materials Research Express.	2019 - 2020	2053-1591
Dopamine functionalized CuO nanoparticles: A high valued turn on colorimetric biosensor for detecting cysteine in human serum and urine samples.	D. Rohilla, Savita Chaudhary, N. Kaur, A. Shanavas,	Department of Chemistry	Materials Science & Engineering C	2019 - 2020	0928-4931
Modulating physicochemical properties in Gd ³⁺ @Yb ₂ O ₃ nanospheres for efficient electrochemical monitoring of H ₂ O ₂	S. Kumar, Savita Chaudhary, G.R. Chaudhary	Department of Chemistry	Materials Science & Engineering C	2019 - 2020	0928-4931
Effect of thermal annealing on structural and optical properties of In doped Ge-Se-Te chalcogenide thin films	P K Singh, S. K. Tripathi and D K Dwivedi	Department of Physics	Materials Science-Poland	2019 - 2020	0137-1339
Green chemistry-assisted synthesis of biocompatible Ag, Cu, and Fe ₂ O ₃ nanoparticles	T.JasrotiaabS.ChaudharybA.Kaushik cR.KumaraG.R.Chaudharyb	Department of Environment Studies	Materials Today Chemistr	2019 - 2020	2468-5194
Amphiphilic metallosurfactants as potential scaffolds for facile fabrication of PdO-NiO nanocomposites for environmentally benign synthesis of xanthene derivatives.	N. Kaur , P. Dhairwal , A. Brar , G. Kaur , A. Bhalla , C. Prakash , G.R. Chaudhary	Department of Chemistry	Materials Today Chemistry	2019 - 2020	2468-5194
Electro-active silver oxide nanocubes for label free direct sensing of bisphenol A to assure water quality	U Chakraborty, G Bhanjana, Gurpreet Kaur, A Kaushik, GR Chaudhary	Department of Chemistry	Materials Today Chemistry	2019 - 2020	2468-5194

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Green chemistry-assisted synthesis of biocompatible Ag, Cu and Fe ₂ O ₃ nanoparticles	Teenu Jasrotia, Savita Chaudhary, Ajeet Kaushik, Rajeev Kumar, Ganga Ram Chaudhary	Department of Chemistry	Materials Today Chemistry	2019 - 2020	2468-5194
Green chemistry-assisted synthesis of biocompatible Ag, Cu, and Fe ₂ O ₃ nanoparticles,	T. Jasrotia, Savita Chaudhary, A. Kaushik R. Kumar, G.R. Chaudhary	Department of Chemistry	Materials Today Chemistry	2019 - 2020	2468-5194
Usage of coconut coir for sustainable production of high-valued carbon dots with discriminatory sensing aptitude toward metal ions	P. Chauhan, S. Dogra, Savita Chaudhary, R. Kumar	Department of Chemistry	Materials Today Chemistry 16 (2020) 100247	2019 - 2020	1369-7021
Amphiphilic metallosurfactants as potential scaffolds for facile fabrication of PdO-NiO nanocomposite for environmentally benign synthesis of xanthenes derivatives	N. Kaur, P. Dhairwal, A. Brar, G. Kaur, A. Bhalla, C. Prakash, G.R. Chaudhary	Department of Chemistry	Materials Today Chemistry14 (2019) 100194.	2019 - 2020	2468-5194
One-pot hydrothermal synthesis and characterization of carbon quantum dots (CQDs)Advances in nanomaterial-based electrochemical biosensors for the detection of microbial toxins, pathogenic bacteria in food matrices	Dr. Neha	University Institute of Engineering & Technology	Materials Today ProceedingsJournal of hazardous materials	2019 - 2020	22147853
Modeling for catalytic oxidation of volatile organic compound (VOC) in a catalytic converter	Umang Bedi, Sanchita Chauhan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Today Proceedings	2019 - 2020	2214-7853
Modeling the combustion of volatile organic compound (VOC) ethane in monolithic catalytic converter	Umang Bedi, Sanchita Chauhan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Today Proceedings	2019 - 2020	1369-7021
Comparison of the antibacterial efficacy of teatree oil,nisin and calcium hydroxide against E.faecalis,	Rajesh Joshi, Sonia B Bhardwajb, Jagat Bhushan	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Materials Today,Proceedings	2019 - 2020	22147853
3D printed material application in orthodontics	Dr Deepak Kumar Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Materials Today: Proceedings	2019 - 2020	2214-7853
A Short Review on Rare Earth Doped NaYF ₄ Upconverted Nanomaterials for Solar Cell Applications	Vishal Sharma	Institute of Forensic Science & Criminology	Materials Today: Proceedings	2019 - 2020	2214-7853
Casson nanofluid convection in an internally heated layer	Jyoti Sharma	University Institute of Engineering & Technology	Materials Today: Proceedings	2019 - 2020	ISSN 2214-7853
Effect of carboxylic multi-walled carbon nanotubes on mechanical properties of Acrylonitrile Butadiene Styrene nanocomposite	Sahil Kapoor, Vikas Sharma, Meenakshi Goyal and Prashant Jindal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Today: Proceedings	2019 - 2020	2214-7853

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Effect of Chemical Pretreatment of Sugarcane Bagasse on Biogas Production	Maninder Kaur, Neetu, Yajvender Pal Verma, Sanchita Chauhan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Today: Proceedings	2019 - 2020	2214-7853
Effect of UV-irradiation on the optical properties of transparent PET polymeric foils	Vishal Sharma	Institute of Forensic Science & Criminology	Materials Today: Proceedings	2019 - 2020	2214-7853
Enhancement of the mechanical properties of graphene based acrylonitrile butadiene styrene (ABS) nanocomposites	Vikas Sharma, Sahil Kapoor, Meenakshi Goyal and Prashant Jindal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Today: Proceedings	2019 - 2020	2214-7853
Formulation and Characterization of Corn Grits- Propylene Glycol Extrudates	Vishal Sharma	Institute of Forensic Science & Criminology	Materials Today: Proceedings	2019 - 2020	2214-7853
Impact of market prices on energy scheduling of microgrid operating with renewable energy sources and storage	Y.P. Verma	University Institute of Engineering & Technology	Materials Today: Proceedings	2019 - 2020	2214-7853
Nanofluid convection under Hall currents and LTNE effects	Jyoti Sharma	University Institute of Engineering & Technology	Materials Today: Proceedings	2019 - 2020	ISSN 2214-7853
Performance comparison of different materials based energy storage devices in ALFC and AVC power system under frequency linked pricing environment	Y.P. Verma	University Institute of Engineering & Technology	Materials Today: Proceedings	2019 - 2020	22147853
Rayleigh-Bénard cell formation of green synthesized nano-particles of silver and selenium	Jyoti Sharma, Jyoti Sood	University Institute of Engineering & Technology	Materials Today: Proceedings	2019 - 2020	ISSN 2214-7853
Ultrasonic Velocities of Binary Mixtures of Homologous Series of Ethylene Glycol and Glycerol at Different Temperatures: A Comparative Study	Vishal Sharma	Institute of Forensic Science & Criminology	Materials Today: Proceedings	2019 - 2020	2214-7853
Effect of Pyridine on the Structure and Vibrations of Cobalt Phthalocyanine	Prof. G.S.S. Saini Prof. S.K. Tripathi	Department of Physics	Materials Today: Proceedings (2020) 21: 1809–1817	2019 - 2020	2214-7853
Effective mitigation against IoTs using super materials for distributed denial of service attacks in cloud computing	Renu Vig	University Institute of Engineering & Technology	Materials Today: Proceedings.	2019 - 2020	2352-9407
Frequency reconfigurable quad band patch antenna for radar and satellite applications using FR-4 material	Singh, Jaget	University Institute of Engineering & Technology	Materials Today: Proceedings.	2019 - 2020	2352-9407
Tuning the electronic transport properties of p-type GaS monolayer by the application of biaxial strain.	Shuchi Gupta	University Institute of Engineering & Technology	MaterialsToday: Proceedings	2019 - 2020	22147853
Finite Volume Approximation of Multidimensional Aggregation Population Balance Equation on Triangular Grid	Gagandeep Singh	Department of Mathematics	Mathematics and Computers in Simulation	2019 - 2020	0378-4754

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Multifunctional graphitic tracks on flexible polymer sheet as strain, acoustic vibration and human motion sensor	Suresh Kumar	University Institute of Engineering & Technology	Measurement	2019 - 2020	0263-2241
Comparative analysis of imaging and novel markerless approach for measurement of postural parameters in dental seating tasks	Dr. Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Measurement and Control	2019 - 2020	0020-2940
Novel amide analogues of quinazoline carboxylate display selective antiproliferative activity and potent EGFR inhibition,	Anjleena Malhotra, Ranju Bansal, Clarissa Esmeralda Halim, Celestial T. Yap, Gautam Sethi, Alan Prem Kumar, Mahendra Bishnoi, Kamalendra Yadav,	University Institute of Pharmaceutical Sciences	Medicinal Chemistry Research,	2019 - 2020	1054-2523
Different predictive and accuracy models for sex and stature estimation from second- and fourth-digit lengths in the Kinnaur population of Himachal Pradesh, North India: Medico-legal and forensic implications	Bahadur Singh, Kewal Krishan , Kawaljit Kaur and Tanuj Kanchan	Department of Anthropology	Medicine, Science and the Law	2019 - 2020	258024
Sex determination by discriminant function analysis using the human tibia in a Central Indian population	Dr. Kewal Krishan	Department of Anthropology	Medicine, Science and the Law	2019 - 2020	258024
Preserved ligature mark in postmortem decapitation	Dr. Kewal Krishan	Department of Anthropology	Medico Legal	2019 - 2020	20421834
Evaluation of the efficacy of subgingival irrigation in patients with moderate to severe chronic periodontitis otherwise indicated for periodontal flap surgeries	Dr Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	MedKnow	2019 - 2020	(ISSN): 0972124X
Perception About Risk in Online Shopping-A Study of Young People in Rural Punjab	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	MERI-Journal of Management & IT, Vol 13-14, No. 1&2, April-Oct 2020	2019 - 2020	0974-2093
Organophosphonate functionalized Au/Si@Fe ₃ O ₄ : Versatile carrier for enzyme immobilization	Prof. Rajat Sandhir	Department of Biochemistry	Methods Enzymol .	2019 - 2020	0076-6879 (Print) 1557-7988 (Electronic) 0076-6879 (Linking)
Dehydroacetic acid derived Schiff base as selective and sensitive colorimetric chemosensor for the detection of Cu(II) ions in aqueous medium	Vashishta D, Sharma S, Kumar R, Saini V, Saini V, Ibhaddon A, Sahoo SC, Sharma S, Mehta SK, Kataria R	Department of Chemistry	Micro Chem J. 2020,155,104705	2019 - 2020	0026-265X

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Multicopper oxidase of <i>Acinetobacter baumannii</i> : Assessing its role in metal homeostasis, stress management and virulence	Neena Capalash	Department of Biotechnology	Microb Pathog	2019 - 2020	0882-4010
Colonization of mouse vagina with <i>Pseudomonas aeruginosa</i> : A plausible explanation for infertility	Harpreet Vander and Vijay Prabha	Department of Microbiology	Microbial Pathogenesis	2019 - 2020	10961208, 08824010
Early cytokine response to lethal challenge of <i>Klebsiella pneumoniae</i> averted the prognosis of pneumonia in FyuA immunized mice	Ashutosh Kumar, Kusum Harjai, Sanjay Chhibber	Department of Microbiology	Microbial Pathogenesis	2019 - 2020	0882-4010
Metagenome-Assembled Genome of USC α AHI, a Potential High-Affinity Methanotroph from Axel Heiberg Island, Canadian High Arctic	Dr. Archana Chauhan	Department of Zoology	Microbiology Resource Announcements	2019 - 2020	ISSN / eISSN: 2576-098X
Thaumarchaea Genome Sequences from a High Arctic Active Layer	Sun, E. W. H., Hajirezaie, S., Dooner, M., Vishnivetskaya, T. A., Layton, A., Chauhan, A. & Lau, M.	Department of Zoology	Microbiology Resource Announcements	2019 - 2020	2576-098X (Electronic) 2576-098X (Linking)
Parallels among natural and synthetically modified quorum-quenching strategies as convoy to future therapy. Microbiology. 2019 Jul 2. doi: 10.1099/mic.0.000826. [Epub ahead of print]	Gupta K, Daroch P, Harjai K, Chhibber S (2019)	Department of Microbiology	Microbiology Society	2019 - 2020	2150-7511
A novel, anthracene-based naked eye probe for detecting Hg ²⁺ ions in aqueous as well as solid state media	Baljeet Kaur, Akhil Gupta, Navneet Kaur	Department of Chemistry	Microchemical Journal 153 (2020) 104508	2019 - 2020	0026-265X
Recent development in anthracene possessing chemosensors for cations and anions	Navneet Kaur✉, Baljeet Kaur	Department of Chemistry	Microchemical Journal 158 (2020) 105131	2019 - 2020	0026-265X
A review on peptide functionalized graphene derivatives as nanotools for biosensing	Shubhi Joshi, Pratibha Sharma, Ruby Siddiqui, Kanica Kaushal, Shweta Sharma, Gaurav Verma, Avneet	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Microchimica Acta	2019 - 2020	1436-5073
A Schiff base modified grapheme oxide film for anodic stripping voltammetric determination of arsenite	Ranjeet Kaur, Shweta Rana, Raghubir Singh, Varinder Kaur, Priyanka Narula	Department of Chemistry	Microchimica Acta	2019 - 2020	0026-3672
A Schiff base modified graphene oxide film for anodic stripping voltammetric determination of arsenite	Kaur, R., Rana, S., Singh, R., Kaur, V., Narula, P.gh, V. Kaur, P. Narula	Department of Chemistry	Microchimica Acta	2019 - 2020	1436-5073

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Exploring superiority of silatranyl moiety as anchoring unit over its trialkoxysilyl analogue for covalent grafting via fabrication of functionalized mesoporous silica possessing azomethinic pincers for dye adsorption	Mutneja, R., Srivastav, N., Singh, R., (...), Wagler, J., Kroke, E.	Department of Chemistry	Microporous and Mesoporous Materials	2019 - 2020	1387-1811
Exploring superiority of silatranyl moiety as anchoring unit over its trialkoxysilyl analogue for covalent grafting via fabrication of functionalized mesoporous silica possessing azomethinic pincers for dye adsorption (2019) Microporous and Mesoporous Materials	Mutneja, R., Srivastav, N., Singh, R., (...), Wagler, J., Kroke, E.	Department of Chemistry	Microporous and Mesoporous Materials	2019 - 2020	1387-1811
Percieved parenting and perceived teaching styles in relation to social maturity of adolescents	Kaur, S. and Kaur, K.	Institute Of Educational Technology & Vocational Education	MIER Journal of Educational Studfies Trends and Practices	2019 - 2020	0976-8203
Leadership Ethics Some Reflections on Swami Vivekanda's Insigght on Servant Leadership	Sudhir Baweja	University School of Open Learning	Milestone Education Review, Journal of ideas on Educational and Social Transformation	2019 - 2020	ISSN NO. 2278-2168
Anti-DENV and Anti-Dengue Vector Activity of Some Heterocyclic Scaffolds	Deepika Purohit, Neelima Dhingra, Rohit Dutt and Sahil Kumar	University Institute of Pharmaceutical Sciences	Mini Review in Medicinal Chemistry	2019 - 2020	1389-5575
p-Benzoquinone as a Privileged Scaffold of Pharmacological Significance: A Review.	Silakari, P., Priyanka & Piplani, P.	University Institute of Pharmaceutical Sciences	Mini.Rev. Med. Chem. 20(16): 1586-1609 (2020).	2019 - 2020	1389-5575
Hydrogen sulfide attenuates hyperhomocysteinemia-induced mitochondrial dysfunctions in brain.	Prof. Rajat Sandhir	Department of Biochemistry	Mitochondrion .	2019 - 2020	1567-7249 (Print) 1872-8278 (Electronic) 1567-7249 (Linking)
Temporal changes in physiological and molecular markers in various brain regions following transient global ischemia in rats	Prof. Rajat Sandhir	Department of Biochemistry	Mol Biol Rep .	2019 - 2020	0301-4851 (Print) 1573-4978 (Electronic) 0301-4851 (Linking)

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PARP-1 inhibition provides protection against elastase-induced emphysema by mitigating the expression of matrix metalloproteinases	Prof. Rajat Sandhir	Department of Biochemistry	Mol Cell Biochem	2019 - 2020	0300-8177 (Print) 1573-4919 (Electronic) 0300-8177 (Linking)
Acetyl-11-keto-β-boswellic acid modulates membrane dynamics in benzo(a)pyrene-induced lung carcinogenesis	M.L. Garg	Department of Biophysics	Molecular and cellular Biochemistry	2019 - 2020	0300-8177
PARP-1 inhibition provides protection against elastase-induced emphysema by mitigating the expression of matrix metalloproteinases.	Prof. Amarjit Singh Naura	Department of Biochemistry	Molecular and Cellular Biochemistry	2019 - 2020	0300-8177 (Print) 1573-4919 (Electronic) 0300-8177 (Linking)
Mechanism and Kinetics of Astrophysically relevant Gas-phase Stereoinversion in Glutamic acid: A Computational Study	Namrata Rani and Vikas	Department of Chemistry	Molecular Astrophysics	2019 - 2020	2405-6758
Epigallocatechingallate attenuates arsenic induced genotoxicity via regulation of oxidative stress in balb/C mice	Dr. Mani Chopra	Department of Zoology	Molecular biology reports	2019 - 2020	ISSN / eISSN: 0301-4851 / 1573-4978 (Electronic) 0301-4851 (Linking)
Genomic analysis of Indian strains of Salmonella enterica subsp. enterica serovar Typhi indicates novel genetic repertoire for pathogenicity and adaptations	Prabhjot Kaur Sekhon, Atul Munish Chander, Shanmugam Mayilraj, Praveen Rishi	Department of Microbiology	Molecular Biology Reports	2019 - 2020	e ISSN:1573-4978; Print ISSN: 0301-4851
Modeling the Solubility of C70 Fullerenes in Diverse Solvents: Role of Quantum-mechanical Descriptors	Suman Lata and Vikas	Department of Chemistry	Molecular Informatics	2019 - 2020	1868-1743

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Roseocin, a novel two-component lantibiotic from an Actinomycete	Dr. Dipti Sareen	Department of Biochemistry	Molecular microbiology	2019 - 2020	0950-382X (Print) 1365-2958 (Electronic) 0950-382X (Linking)
Naringenin Upregulates AMPK-Mediated Autophagy to Rescue Neuronal Cells From β -Amyloid (1-42) Evoked Neurotoxicity	Dr. Mani Chopra	Department of Zoology	Molecular Neurobiology	2019 - 2020	ISSN / eISSN: 0893-7648 / 1559-1182
Electron dynamics in H ₂ ⁺ molecule-ion under a strong, oscillating magnetic field	N. Goel, S. Gupta, M. Sadhukhan and B.M Deb	Department of Chemistry	Molecular Physics	2019 - 2020	0026-8976
Electron dynamics in molecule-ion under a strong, oscillating magnetic field	Shuchi Gupta	University Institute of Engineering & Technology	Molecular Physics	2019 - 2020	Molecular Physics
Hybrid nanoparticle based fluorescence switch for recognition of ketoprofen in aqueous media	Saini, A., Kaur, M., Mayank, Kuwar, A., Kaur, N., Singh, N.	Department of Chemistry	Molecular Systems Design and Engineering	2019 - 2020	2058-9689
Heterogeneous evolution of the galaxy and the origin of the short-lived nuclides in the early solar system	T. Kaur, S. Sahijpal	Department of Physics	Monthly Notices of the Royal Astronomical Society 490 (2), 1620–1637	2019 - 2020	17453925, 17453933
Energy Aware Clustering Scheduling of Parallel Applications on Heterogeneous Computing Systems	Nirmal Kaur and Raman Bhinder	University Institute of Engineering & Technology	Multiagent and Grid Systems(SCOPUS, WOS	2019 - 2020	pp.1-18,Vol. 15
Drop flow method: an iterative algorithm for complete segmentation of Devanagari ancient manuscripts	Sonika Rani Narang, M. K. Jindal and Munish Kumar	P.U. Regional Centre, Muktsar	Multimedia Tools and Applications	2019 - 2020	1380-7501
Newspaper text recognition of Gurumukhi script using random forest classifier	Dr. Manish Kumar	P.U. Regional Centre, Muktsar	Multimedia Tools Applications	2019 - 2020	1380-7501
West Bengal: The Land of Renaissance	Prof Abhik Gosh	Department of Anthropology	NAM Today	2019 - 2020	2347-3160
Assessment of biotic and abiotic behaviour of engineered SiO ₂ nanoparticles for predicting its environmental providence,	P. Sharma, Savita Chaudhary, R. Kumar,	Department of Chemistry	NanoImpact 17 (2020) 100200.	2019 - 2020	2452-0748
Bi ₂ WO ₆ /C-Dots/TiO ₂ : A Novel Z-Scheme Photocatalyst for the Degradation of Fluoroquinolone Levofloxacin from Aqueous Medium	Shelja Sharma, Alex O Ibhaddon, M Grazia Francesconi, Surinder Kumar Mehta, Sasikumar Elumalai, Sushi	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Nanomaterials	2019 - 2020	2079-4991

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Environmental fate descriptors for glycol-coated selenium nanoparticles: a quantitative multi-assay approach	Savita Chaudhary, Pooja Chauhan and Rajeev Kumar	Department of Chemistry	Nanoscale advances	2019 - 2020	2516-0230
Mapping 123 million neonatal, infant and child deaths between 2000 and 2017	Burstein R, Nenry NJ, Collison ML,...Krishan K...Christopher JL, Hay SI.	Department of Anthropology	Nature	2019 - 2020	280836
Unveiling the strong interaction among hadrons at the LHC	Iokesh kumar, S. Acharya et al	Department of Physics	Nature 588, 232-238 (2020)	2019 - 2020	0028-0836 (print); 1476-4687 (web)
Effect of ethanolic extract of Solanum virginianum Linn. on neuropathic pain using chronic constriction injury rat model and molecular docking studies	Verma S, Kuhad A, Bhandari R, Prasad SK, Shakya A, Prasad RS, Sinha SK	University Institute of Pharmaceutical Sciences	Naunyn-Schmiedeberg's Archives of Pharmacology	2019 - 2020	00281298, 14321912
Modulatory Effects of Ginkgo biloba Against Amyloid Aggregation Through Induction of Heat Shock Proteins in Aluminium Induced Neurotoxicity	Ranawat,Pavitra	Department of Biophysics	Neurochemical research	2019 - 2020	0364-3190 (Print) 1573-6903 (Electronic) 0364-3190 (Linking)
Garcinol, a multifaceted sword for the treatment of Parkinson’s disease.	Prof. Rajat Sandhir	Department of Biochemistry	Neurochemistry International	2019 - 2020	0197-0186 (Print) 1872-9754 (Electronic) 0197-0186 (Linking)
Insulin signaling pathway and related molecules: Role in neurodegeneration and Alzheimer's disease	Ansab Akhtar, Sangeeta Pilkhwal Sah	University Institute of Pharmaceutical Sciences	Neurochemistry International	2019 - 2020	0197-0186
Neuroprotective potential of azilsartan against cerebral ischemic injury: Possible involvement of mitochondrial mechanisms	Varun Gupta, Dinesh K. Dhulla, Jyoti Joshib, Sukhbir Kaurb, Anil Kumar	University Institute of Pharmaceutical Sciences	Neurochemistry International	2019 - 2020	18729754, 01970186
Maintenance of Amyloid-beta Homeostasis by Carbenoxolone Post Aβ-42 Oligomer Injection in Rat Brain	Saini, Avneet	Department of Biophysics	Neuroscience	2019 - 2020	0306-4522
Pal Kaur Kavi da Uttar Nariwadi Parvachan	Dr. Parveen Kumar	University School of Open Learning	New Horizons	2019 - 2020	2277-5218
ਈਕੋ-ਆਲੋਚਨਾ ਅਧਿਐਨ ਵਿਧੀ ਦੇ ਮੂਲ ਸਾਰੋਕਾਰ Eco-Alochana sahit-adhiyan vidhi de moolsarokar	Harmail Singh	University School of Open Learning	New Horizons: A multidisciplinary research journal, UGC ARE LISTED JOURNAL	2019 - 2020	2277-5218

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Self-assembly of imidazolium/benzimidazolium cationic receptors: their environmental and biological applications	Singh, A., Sharma, S., Kaur, N., Singh, N.	Department of Chemistry	New J. Chem.	2019 - 2020	1144-0546
Synthesis of eight isostructural 2D lanthanide coordination polymers assembled by rigid furan 2,5-dicarboxylic acid and flexible adipic acid as linkers and exploration of luminescent Eu/Tb polymers as efficient and sensitive sensors for nitroaromatic compounds	Zaib ul Nisa, Lobzang Tashi, Charanjeet Sen, Nargis Akhter Ashashi, Subash C Sahoo, Haq Nawaz Sheikh	Department of Chemistry	New J. Chem., 2020, 44, 8125	2019 - 2020	1144-0546
A biscoumarin scaffold as an efficient anti-Zika virus lead with NS3-helicase inhibitory potential: in vitro and in silico investigations	Mayank, Kumar, D., Kaur, N., Giri, R., Singh, N.	Department of Chemistry	New Journal of Chemistry	2019 - 2020	1144-0546
A biscoumarin scaffold as an efficient anti-Zika virus lead with NS3-helicase inhibitory potential: in vitro and in silico investigations	Mayank, D. Kumar, N. Kaur, R. Giri, N. Singh	Department of Chemistry	New Journal of Chemistry	2019 - 2020	1144-0546
A comprehensive experimental and theoretical study on BN nanosheets for the adsorption of pharmaceutical drugs	Ankita Goyal, Diksha Aggarwal, Surbhi Kapoor, Neetu Goel, Sonal Singhal	Department of Chemistry	New Journal of Chemistry	2019 - 2020	1144-0546
Design and synthesis of a novel coumarin-based framework as a potential chemomarker of a neurotoxic insecticide, azamethiphos	Bhasin, A. K. K., Raj, P., Chauhan, P. Mandal, S. K., Chaudhary, S., Singh, N., Kaur, N.	Department of Chemistry	New Journal of Chemistry	2019 - 2020	1144-0546
First report of silver ion recognition via a silatrane-based receptor: excellent selectivity, low detection limit and good applicability	Gurjaspreet Singh, Pinky Satija, Akshpreet Singh, Sushma, Geetika Sharma, Mohit, Pawan, Suman	Department of Chemistry	New Journal of Chemistry	2019 - 2020	1144-0546
First report of silver ion recognition via a silatrane-based receptor: excellent selectivity, low detection limit and good applicability†	Gurjaspreet Singh, Pinky Satija, Akshpreet Singh, Sushma, Geetika Sharma, Mohit, Pawan, Suman	Department of Chemistry	New Journal of Chemistry	2019 - 2020	1144-0546
Synthesis of organosilocene allied N-heteroaryl Schiff base chemosensor for the detection of Cu ²⁺ metal ions and their biological applications	Prof. Kamal Nain Singh	Department of Chemistry	New Journal of Chemistry	2019 - 2020	1144-0546
Time-dependent DFT and experimental study on visible light photocatalysis by metal oxides of Ti, V and Zn after complexing with a conjugated polymer	Navjot Kaur, Komal, Shuchi Gupta, Vinod Kumar, K. B. Tikoo, Sonal Singhal and Neetu Goel	Department of Chemistry	New Journal of Chemistry	2019 - 2020	1144-0546

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Design and chemical synthesis of a novel coumarin-based framework as a potential chemosensor of a neurotoxic insecticide, azamethiphos,	A.K.K. Bhasin, P. Raj, P. Chauhan, S. Mondal, Savita Chaudhary, N. Singh, N. Kaur,	Department of Chemistry	New Journal of Chemistry 44 (2020) 3341.	2019 - 2020	1144-0546
Hydrogen sulfide suppresses homocysteine-induced glial activation and inflammatory response.	Prof. Rajat Sandhir	Department of Biochemistry	Nitric Oxide .	2019 - 2020	1089-8603 (Print) 1089-8611 (Electronic) 1089-8603 (Linking)
Identification of novel microRNAs and their targets in Chlorophytum borivilianum by small RNA and degradome sequencing	Monika Kajal, Nishant Kaushal, Ravneet Kaur and Kashmir Singh	Department of Biotechnology	Noncoding RNA Research	2019 - 2020	24680540
Identification of novel microRNAs and their targets in Chlorophytum borivilianum by small RNA and degradome sequencing.	Kajal M, Kaushal N, Kaur R, Singh K	Department of Biotechnology	Non-coding RNA Research	2019 - 2020	2468-0540
γ -vibration in ^{126}Xe : A revisitNucl	S.Chakraborty, H.P.Sharma, S.S.Tiwary, Ashok kumar	Department of Physics	Nucl. Phys. A996, 121687 (2020) (april)	2019 - 2020	
Fabrication of ^{128}Te thin target for nuclear levels lifetime measurements	Ravi Bhushan, Anand Pandey, Gourav Vaid, RP Singh, D Kabiraj, D Mehta, Ashutosh Kapil, SK Chamoli	Department of Physics	Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment	2019 - 2020	0168-9002
Tracing biodistribution of essential and toxic elements in rat liver through PIXE	Garg, M.L	Department of Biophysics	Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms	2019 - 2020	0168-583X
Ameliorative effects of hempseed (Cannabis sativa) against hypercholesterolemia associated cardiovascular changes	Kaushal, Naveen	Department of Biophysics	Nutrition, Metabolism and Cardiovascular Diseases	2019 - 2020	0939-4753
Ameliorative effects of hempseed (Cannabis sativa) against hypercholesterolemia associated cardiovascular changesSalt Tolerance Mechanisms and Approaches: Future Scope of Halotolerant Genes and Rice Landraces	Naveen Kaushal ., Shallu Dhadwal ., Parminder Kaur	University Institute of Engineering & Technology	Nutrition, Metabolism and Cardiovascular Diseases	2019 - 2020	0939-4753

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Assessment of the Knowledge and Practices of Drivers/Conductors Working in Government Buses Running Tricity, Chandigarh Regarding the Use of First Aid Kit	Jyoti, Goel NK and Prashar Savita	Centre for Public Health	of Infectious Disease and Epidemiology	2019 - 2020	2475-5664
A priority based unbalanced time minimization assignment problem	Kalpana Dahiya, Vanita Verma	University Institute of Engineering & Technology	OPSEARCH	2019 - 2020	0975-0320(e); 0030-3887 (p)
Improved adaptive equalization with fixed step size CMA for DP-QPSK DWDM system	Neeraj Sharma, Sunil Agrawal, Vinod Kapoor	University Institute of Engineering & Technology	Optical and Quantum Electronics	2019 - 2020	0306-8919
Improved adaptive equalization with fixed step size CMA for DP-QPSK DWDM system	Neeraj Sharma	University Institute of Engineering & Technology	Optical and Quantum Electronics	2019 - 2020	0306-8919
Improved adaptive equalization with fixed step size CMA for DP-QPSK DWDM system.	5. Sharma, N.	University Institute of Engineering & Technology	Optical and Quantum Electronics	2019 - 2020	03068919, 1572817X
Estimation of frequency offset prior to adaptive equalization for improved performance of DP-QPSK DWDM system	Sharma, Neeraj; Agrawal, Sunil; Kapoor, Vinod;	University Institute of Engineering & Technology	Optical Fiber Technology	2019 - 2020	1068-5200
Optical and electrical properties of fullerene C70 for solar cell applications	S Sachdeva, D Singh and S. K. Tripathi	Department of Physics	Optical Materials	2019 - 2020	0925-3467
Role of surface modification on selenium nanoparticles: Enumerating the optical, thermal and structural properties	Pooja Chauhan and Savita Chaudhary	Department of Chemistry	Optical Materials	2019 - 2020	0925-3467
Controllable excitations of rogue waves and breathers in an inhomogeneous erbium doped fiber system	Ritu Pal, Shally Loomba, C.N. Kumar	Department of Physics	Optics Communications, 474 (2020) 126153	2019 - 2020	304018
Fabrication and estimation of optical constants of hydrophobic Ta2O5 thin films.	J K Goswamy	University Institute of Engineering & Technology	Optik	2019 - 2020	0030-4026
Optical properties of transition metal doped ZnS nanoparticles in PVK based nanocomposite films	Kanupriya Sharma, Praveen Kumar, Gaurav Verma and Ashok Kumar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Optik	2019 - 2020	0030-4026
In Vitro shoot induction and regeneration potential of floral buds in Crepidiumacuminatum (D.don) Szlach., A medicinal ayurvedic plant from Northwestern Himalayas	Vasundhra, Promila Pathak and Ankush Prakash	Department of Botany	Orchid Soc. India	2019 - 2020	0971-5371
Root-crown ratio: a new method for measurement of orthodontic external apical root resorption	Dr Deepak Kumar Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Orthodontic Waves	2019 - 2020	ISSN-1344-0241(Print) 1878-1837 (Online)

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Workplace Spirituality For Sustainable Work Place: A Mediating Role Of Organization Citizenship Behaviour"	Rupinder Bir Kaur	University Business School	Our Heritage	2019 - 2020	0474-9030
Developing Flexibility with Continuous Professional Improvement	Prof. Prabha Vig	Department of Lifelong Learning & Extension	Our Heritage Journal	2019 - 2020	0474-9030
Enhanced solar light-mediated photocatalytic degradation of brilliant green dye in aqueous phase using BiPO4 nanospindles and MoS2/BiPO4 nanorods	Ritika, M. Kaur, A. Umar, S.K. Mehta, S.K. Kansal, M.A. Khan, H.Algarni	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	ournal of Materials Science: Materials in Electronics	2019 - 2020	1573-482X
Immunological basis of Oxidative stress- induced lung inflammation in asthma and COPD.	Prof. Amarjit Singh Naura	Department of Biochemistry	Oxidative Stress in Lung Diseases;	2019 - 2020	978-981-13-8412-7
Chemical evidence of preserved collagen in 54 million year old ffish vertebrae.	Dutta, S., Kumar, S., Singh, H., Khan, M. A., Barai, A., Tewari, A., et al	Department of Geology	Palaeontology	2019 - 2020	14754983
Sikh Imagery in Calender Art: Aesthetics of Politics and Identity	Jagtej Kaur Grewal	Department of Art History and Visual Arts	Panjab Journal of Sikh Studies	2019 - 2020	2231-2757
Special issue on 4th Birth Centenary of Guru Tegh Bahadur ji	Gurpreet Kaur	Department of Evening Studies	Panjab Journal of Sikh Studies	2019 - 2020	NA
PATENTABILITY & COMPUTER RELATED INVENTIONS (CRI): A COMPARATIVE STUDY OF INDIA, USA & EUROPEAN UNION	Prof. Vandana Arora	Department of Laws	Panjab University Law Review Vol 58, Part-2	2019 - 2020	0971-5541
Racial Justice in USA: A Critique	Rohtash	Department of Laws	Panjab University Law Review, ol. 58 Part 2	2019 - 2020	0971-5541
FOOD SECURITY AMIDST COVID-19 – AN ANALYSIS	Manisha Garg & Vibhuti Nakta	Department of Laws	Panjab University Law Review,Vol58, Part-2	2019 - 2020	0971-5541
Comparative Analysis of Emerging Disability Laws in India from Human Rights Perspectives	Namita Gupta	Centre for Human Rights & Duties	Panjab University Research Journal (Arts) XLVI (2):54-65 (Dec 2019)	2019 - 2020	9705260
Literary Reading of Legal Judgment	Chanchal Narang	University Institute of Legal Studies	Panjab University Research Journal (Arts), Vol. XLVI No. 1	2019 - 2020	ISSN 0970-5260
State, Religion and Kingship: Relooking into the Contours of Sovereignty under the Delhi Sultanate (c. 1206-c.1526 CE)	Dr. Priyatosh Sharma	Department of History	Panjab University Research Journal (Arts), Vol. XLVII, no. 1	2019 - 2020	0970-5260
Early Panjab: From a Gateway to a Metaphor- A Historiography	Dr. Ashish Kumar	Department of History	Panjab University Research Journal (Social Sciences), Vol. 27 (Issue 1 & 2)	2019 - 2020	0251348X

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Abysmally Low representation of women in Panjab Legislative Assembly (1967-2017)	Kamla	University School of Open Learning	Panjab University Research Journal Arts, Panjab University Chandigarh.	2019 - 2020	ISSN No. 0970-5260
Changing Contours of India-Nepal Relations under Modi Regime: A Critical Appraisal	Jaskaran Singh Waraich, Harmanpreet Singh	Department of Defence and National Security Studies	Panjab University Research Journal Social Sciences	2019 - 2020	0251-348X
E-health and its Impact on Indian Health Care: An Analysis	Rajinder Kaur	University Institute of Legal Studies	Paradigm, 23 (2) 2019	2019 - 2020	eISSN: 23946083 and ISSN: 09718907
Krishan Chandar Ki Kahaniyan: Samay Aur Samaj Ka Badalta Parivesh	Dr. Gurmeet Singh	Department of Hindi	Parakh(ISSN2320-9690), Vol. 1	2019 - 2020	2320-9690
Guru Nanak Bani: Anta-Sabheachark Smvad	Sukhdev Singh	School of Punjabi Studies	Parakh, Research Journal of Punjabi language, Culture and Literature, , Guru Nanak Vishesh Ank	2019 - 2020	2320-9690
Lupeol induces immunity and protective efficacy in a murine model against visceral leishmaniasis	Dr. Sukhbir Kaur	Department of Zoology	Parasitology	2019 - 2020	0031-1820 / 1469-8161
Evaluation of antileishmanial efficacy of Salidroside against the SSG-sensitive and resistant strain of Leishmania donovani.	Dr. Sukhbir Kaur	Department of Zoology	Parasitology International	2019 - 2020	1383-5769 / 1873-0329
Availability and Utility of first Aid Box in Saving the Life of People in buses passing through tricity, Chandigarh	Jyoti, Goel NK and Prashar Savita	Centre for Public Health	Paripex - Indian Journal of Research	2019 - 2020	2250-1991
Availability and utility of first aid box in saving the life of people in buses passing through tricity Chandigarh	Dr. Savita Prashar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Paripex- Indian Journal of Research	2019 - 2020	ISSN: 2250-1991 PEER REVIEW PRINT
Akrosh upanyas mein adiwasi sanskriti	Alka Kalyan	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Balwant Gargi Ke Natak aur istri asmita	Prof. Gurmeet Singh	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Bastivadi Daur di Punjabi Kavita: Guru Nanak Pratirodh de BimbVajon	Dr. Jasbir Singh	Department of History	Parishodh	2019 - 2020	2347-6648
Bhikharin Aur Kabuliwala: Kahani ka Proktiya Vishleshan	Manjinder Kour	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Chandi di Vaar - ka kavyabhasha ki drishti se vishleshan	Maninderjeet Kaur	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Dhri Guru Nanak Dev Ke Sandesh Aur Vani Ka Bhashai Vishleshan	Prof. Gurmet Singh	Department of Hindi	Parishodh	2019 - 2020	2347-6648

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Gashiram Kotwal ki prasangikta	Neelam Sagar	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Geetanjali: Agyat Ke Gyat Bodh ka Gaan	Geeta Kumari	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Ismat Chughtai ki kahaniyo ka Darshnik Adhyan	Pankaj Srivastava	Department of Philosophy	Parishodh	2019 - 2020	ISSN -2347-6648
Kisan Jagran Kein Sandarbh Mein Tamil Upanyas Karisal	Kewal Kumar	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Lal Singh Dil ki kavitaon mein istri	Prof. Satyapal Sehgal	Department of Hindi	Parishodh	2019 - 2020	2347-6648
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Manjri : Upanyas mein istri sangharsh	Bobija	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Mein Kyon Nahin: Upanyas mein tritya lingi patra	Sanjeev Kumar Moriya	Department of Hindi	Parishodh	2019 - 2020	2347-6648
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Sampradaik Evam Samajik Sadbhav ke agardut: Shri Guru Nanak Dev	Prof. Ashok Kumar	Department of Hindi	Parishodh	2019 - 2020	2347-6648
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Shri Guru Nanak Dev ka sangeet prem	Madhu Kumari	Department of Hindi	Parishodh	2019 - 2020	2347-6648
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Shri Guru Nanak Dev ki drishti mein kadar ki kudarta	Surinder Singh	Department of Hindi	Parishodh	2019 - 2020	2347-6648
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Shri Guru Nanak Vani mein vinarmata ka mehataav	Pinky	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Vishvriksh upanyas mein samajik vighatan	Sumit	Department of Hindi	Parishodh	2019 - 2020	2347-6648
Kaabuliwale Ki Bangali Biwi : Ek Stri Ki Sangharsh Gaatha	Neeru	University School of Open Learning	Parishodh (UGC approved Research Journal 2019	2019 - 2020	ISSN-2347-6648
Guru as a Literary Motif: A Nanakian Critique	Rajesh K. Jaiswal	University School of Open Learning	Parishodh A Journal by Dept. Of Hindi, Panjab University Chandigarh 65: 202-210	2019 - 2020	ISSN No. 2347-6648

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Nineteenth Century Horse Trade Between Iran and India	Mehri MalekiDizicheh (Research Scholar)	Department of History	Parishodh Journal	2019 - 2020	2347-6648
ਵਾਤਾਵਰਨ ਚਿੰਤਨ: ਗੁਰੂ ਨਾਨਕ ਬਾਣੀ ਦਾ ਮਹੱਤਵ Vatavaran Chintan : Shri Guru Nanak bani da Mahataav,	Harmail Singh	University School of Open Learning	Parishodh, Panjab University Research Journal	2019 - 2020	ISSN-2347-6648
Anya Se Annaya Purush Trass Mein Pistee Istree ke Karun Katha	Yojna Rawat	University School of Open Learning	Parishodh, UGC Approved Research Journal 2019	2019 - 2020	
Shree Guru Nanak Dev ke Kavya mein Manavtavaad,	Yojna Rawat	University School of Open Learning	Parishodh, UGC Approved Research Journal 2020	2019 - 2020	2347-6648
Cultural Makeover of Punjab: Role of Military Recruitment in the Frontier Province	Jaskaran Singh Waraich	Department of Defence and National Security Studies	Parkh	2019 - 2020	2320-9690
Apahaj Same Naal Samvad	Sukhdev Singh	School of Punjabi Studies	Parkh, Research Journal of Punjabi Language, Culture and Literature	2019 - 2020	2320-9690
Japuji De Panj Khanda Di Darshnikta	Yog Raj	School of Punjabi Studies	Parkh, Research Journal of Punjabi language, Culture and Literature	2019 - 2020	2320-9690
Paash Di Kavita: Krantikari Chetna Da Path	Yog Raj	School of Punjabi Studies	Parkh, Research Journal of Punjabi Language, Culture and Literature	2019 - 2020	2320-9690
Sukhwinder Kamboj :Suhe Shahadan Da Safar	Sarabjit Singh	School of Punjabi Studies	Parkh, Research Journal of Punjabi, Culture and Literature	2019 - 2020	2320-9690
Anticancer potential of human intestinal defensin 5 against 1, 2-dimethylhydrazine dihydrochloride induced colon cancer: A therapeutic approach	Preet, S	Department of Biophysics	Peptides	2019 - 2020	0196-9781
Evaluating library service quality of University of Kashmir: a LibQUAL+ survey	Anil kumar	A C Joshi Library	Performance Measurement and Metrics	2019 - 2020	1467-8047
Synthesis and in vitro studies of O-alkylaminoethylatedderivatives of 3E-hydroximincholestene as potent and selectiveantileukemicagents,	Amruta Suryan and Ranju Bansal	University Institute of Pharmaceutical Sciences	Pharmaceutical Chemistry Journal, 54(9), 918- 923 December (2020)	2019 - 2020	15739031, 0091150X.
Assay and Dermatokinetics of Tetrahydrocurcumin Lipidic Nanostructures Using Reverse Phase-High Performance Liquid Chromatography	Narula, P., Saini, K., Saini, M., Singla, D., Chauhan, A and Kakkar, V.,	University Institute of Pharmaceutical Sciences	Pharmaceutical Nanotechnology	2019 - 2020	2211-7393
Enhanced Oral Absorption of All-trans Retinoic Acid upon Encapsulation in Solid Lipid Nanoparticles	Kumar,?M., Sharma,?G., Singla,?D., Singh,S.,? Kakkar,?V., Gulati,?J.S., Kaur, I.P.	University Institute of Pharmaceutical Sciences	Pharmaceutical Nanotechnology	2019 - 2020	2211-7393

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Enhanced Oral Absorption of All-trans Retinoic Acid upon Encapsulation in Solid Lipid Nanoparticles.	Kumar, M., Sharma, G., Singla, D., Singh, S., Kakkar, V., Jaspreet, S., Gulati, and Kaur.I. P.	University Institute of Pharmaceutical Sciences	Pharmaceutical Nanotechnology 8, no. 6: 495-510	2019 - 2020	2211-7385
What if Cocrystallization Fails for Neutral Molecules? Screening Offered Eutectics as Alternate Pharmaceutical Materials: Leflunomide-a Case Study.	Bala, M., Gautam, M.K., Chadha, R	University Institute of Pharmaceutical Sciences	Pharmaceutical Sciences.	2019 - 2020	0022-3549
Althea rosea seed extract ameliorates 1,2-dimethylhydrazine induced preneoplastic lesions in mouse model of colon cancer by modulating oxidative stress and inflammation	Prof. Navneet Agnihotri	Department of Biochemistry	Pharmacognosy Magazine	2019 - 2020	Print -0973-1296, Online - 0976-4062
Celastrus paniculatus: A Bibliometric Assessment of Global Publications Output during 2001-18	Mueen Ahmed, K.K., Gupta,B.M., Singh, N.K., Thakur, V.K. and Ashok Kumar	A C Joshi Library	Pharmacognosy Reviews, vol.14 (27)	2019 - 2020	0973-7847
Global Research on Terminalia arjuna: A Quantitative and Qualitative Assessment of Publications during 2004-18	Mueen Ahmed, K.K., Gupta,B.M., Singh, N.K. and Ashok Kumar	A C Joshi Library	Pharmacognosy Reviews, vol.14 (27)	2019 - 2020	0973-7847
Delivery routes for faecal microbiota transplants: Available, anticipated and aspired	Gulati,M., Singh, S.K., Corrie,L., Kaur,I.P., Chandwan, L.	University Institute of Pharmaceutical Sciences	Pharmacological research	2019 - 2020	1043-6618.
Co-treatment of piracetam with risperidone rescued extinction deficits in experimental paradigms of post-traumatic stress disorder by restoring the physiological alterations in cortex and hippocampus	Uniyal, A., Singh, R., Akhtar, A., Bansal, Y., Kuhad, A. Sah, S. P.	University Institute of Pharmaceutical Sciences	Pharmacology Biochemistry and Behavior	2019 - 2020	0091-3057
Temperature-dependent opto-electronic properties of Ge 2.53 Sb 4.89 Te 2.50 thin films	J Kaur, A Parmar, S. K. Tripathi and N Goyal	Department of Physics	Phase TransitionS	2019 - 2020	1029-0338
Continuous Flow Reactor for the Controlled Synthesis and Inline Photocatalysis of Antibacterial Ag2S Nanoparticles	Jadab Sharma	Centre for Nanoscience and Nanotechnology	Photochemistry and Photobiology	2019 - 2020	1751-1097
hypertriton and anti-hypertriton lifetime measurement in Pb-Pb collisions at sNN = 5.02 TeV via two-body decay,	Lokesh Kumar,S. Acharya et al. [ALICE Collaboration	Department of Physics	Phys. Lett. B 797, 134905 (2019)	2019 - 2020	0370-2693
Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K*(892)0 and phi(1020) mesons	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Lett. B 802, 135225 (2020)	2019 - 2020	0370-2693

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at sNN = 2.76 TeV	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Lett. B 804, 135375 (2020)	2019 - 2020	0370-2693
Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at sNN = 5.02 TeV,	Lokesh Kumar, S. Acharya et al. [ALICE Collaboration]	Department of Physics	Phys. Lett. B 804, 135377 (2020)	2019 - 2020	0370-2693
Measurement of the (anti-)3He elliptic flow in Pb-Pb collisions at sNN = 5.02 TeV	Lokesh Kumar, S. Acharya et al. [ALICE Collaboration]	Department of Physics	Phys. Lett. B 805, 135414 (2020)	2019 - 2020	0370-2693
Investigation of the p-sigma_0 interaction via femtoscopy in pp collisions	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Lett. B 805, 135419 (2020)	2019 - 2020	0370-2693
Centrality and transverse momentum dependence of inclusive J/Psi production at midrapidity in Pb-Pb collisions at sNN = 5.02 TeV	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Lett. B 805, 135434 (2020)	2019 - 2020	0370-2693
Y production in p{Pb collisions at sNN=8.16 TeV	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Lett. B 806, 135486 (2020)	2019 - 2020	0370-2693
Multiplicity dependence of K*(892)0 and phi(1020) production in pp collisions at s =13 TeV	S. Acharya et al. [ALICE Collaboration] Kumar,	Department of Physics	Phys. Lett. B 807, 135501 (2020)	2019 - 2020	0370-2693
Global baryon number conservation encoded in net-proton fluctuations measured in Pb-Pb collisions at sNN = 2.76 TeV,	Lokesh Kumar, S. Acharya et al. [ALICE Collaboration]	Department of Physics	Phys. Lett. B 807, 135564 (2020)	2019 - 2020	0370-2693
Results on total and elastic cross sections in proton–proton collisions at s = 200 GeV	lokesh kumar, J. Adam et al	Department of Physics	Phys. Lett. B 808, 135663 (2020)	2019 - 2020	0370-2693
Investigation of the linear and mode-coupled flow harmonics in Au+Au collisions at sNN = 200 GeV	Dr. Lokesh Kumar, J. Adam et al. [STAR Collaboration],	Department of Physics	Phys. Lett. B 809, 135728 (2020)	2019 - 2020	0370-2693
Multiplicity dependence of J/ψ production at midrapidity in pp collisions at s = 13 TeV	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Lett. B 810, 135758 (2020)	2019 - 2020	0370-2693
Measurement of groomed jet substructure observables in p+p collisions at s =200 GeV with STAR	lokesh kumar,J. Adam et al	Department of Physics	Phys. Lett. B 811, 135846 (2020)	2019 - 2020	0370-2693
Search for a common baryon source in high-multiplicity pp collisions at the LHC	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Lett. B 811, 135849 (2020)	2019 - 2020	0370-2693
Study of role of viscosity in fusion-fission dynamics via simultaneously measured neutron and alpha-particle multiplicities	K. Kapoor, N. Bansal, Chetan Sharma, S. Verma, K. Rani,B. R. Behera, K. P. Singh, A. Kumar et al.	Department of Physics	Phys. Rev. C 100, 014620 (2019)	2019 - 2020	24699985, 24699993
Lifetime measurements in the yrast band of 167Lu	Aman Rohilla, R. P. Singh, S. Muralithar, A. Kumar, I. M. Govil, and S. K. Chamoli	Department of Physics	Phys. Rev. C 100, 02432(2019)	2019 - 2020	24699985, 24699993

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Beam-energy dependence of identified two-particle angular correlations in sNN = 7.7{200 GeV Au+Au collisions,	Lokesh Kumar,J. Adam et al. [STAR Collaboration	Department of Physics	Phys. Rev. C 101, no.1, 014916 (2020)	2019 - 2020	24699985
Bulk properties of the system formed in Au + Au collisions at sNN =14.5 GeV at the BNL STAR detector	Lokesh Kumar,J. Adam et al. [STAR Collaboration	Department of Physics	Phys. Rev. C 101, no.2, 024905 (2020)	2019 - 2020	24699985
Measurements of inclusive jet spectra in pp and central Pb-Pb collisions at sNN = 5.02 TeV,	Lokesh Kumar, S. Acharya et al. [ALICE Collaboration],	Department of Physics	Phys. Rev. C 101, no.3, 034911 (2020)	2019 - 2020	24699985, 24699993
Global polarization of Lambda-antiLambda hyperons in Pb-Pb collisions at sNN = 2.76 and 5.02 TeV,	Lokesh Kumar,S. Acharya et al. [ALICE Collaboration	Department of Physics	Phys. Rev. C 101, no.4, 044611 (2020)	2019 - 2020	24699985, 24699993
Production of (anti-)3He and (anti-)3H in p-Pb collisions at sNN = 5.02 TeV	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Rev. C 101, no.4, 044906 (2020)	2019 - 2020	24699985, 24699993
Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at sNN = 5.02 TeV	Lokesh Kumar, S. Acharya et al. [ALICE Collaboration	Department of Physics	Phys. Rev. C 101, no.4, 044907 (2020)	2019 - 2020	24699985, 24699993
Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at sNN = 2.76 TeV,	Dr. Lokesh S. Acharya et al. [ALICE Collaboration,	Department of Physics	Phys. Rev. C 101, no.6, 064901 (2020)	2019 - 2020	24699985, 24699993
Measurement of D0-meson + hadron two-dimensional angular correlations in Au+Au collisions at sNN = 200 GeV	lokesh kumar, J. Adam et al	Department of Physics	Phys. Rev. C 102, no.1, 014905 (2020)	2019 - 2020	24699985, 24699993
Constraining the Particle Production Mechanism in Au+Au Collisions at sNN = 7.7, 27, and 200 GeV Using A Multi Phase Transport Model	A. Nandi, L. Kumar and N. Sharma	Department of Physics	Phys. Rev. C 102, no.2, 024902 (2020)	2019 - 2020	24699985, 24699993
Beam energy dependence of net- Λ fluctuations measured by the STAR experiment at the BNL Relativistic Heavy Ion Collider	lokesh kumar,J. Adam et al	Department of Physics	Phys. Rev. C 102, no.2, 024903 (2020)	2019 - 2020	24699985
K*(892)0 and phi(1020) production at midrapidity in pp collisions at s = 8 TeV,	Lokesh Kumar, S. Acharya et al. [ALICE Collaboration	Department of Physics	Phys. Rev. C 102, no.2, 024912 (2020)	2019 - 2020	24699985, 24699993
Measurement of isolated photon-hadron correlations in $\sqrt{s}$ NN = 5.02 TeV pp and p-Pb collisions	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Rev. C 102, no.4, 044908 (2020)	2019 - 2020	24699985, 24699993
Measurement of inclusive charged-particle jet production in Au + Au collisions at $\sqrt{s}$ NN =200 GeV	Dr. Lokesh Kumar,J. Adam et al. [STAR Collaboration]	Department of Physics	Phys. Rev. C 102, no.5, 054913 (2020)	2019 - 2020	24699985, 24699993
Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s}$ NN = 5.02 TeV	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Rev. C 102, no.5, 055203 (2020)	2019 - 2020	24699985, 24699993
Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s}$ NN = 5.02 TeV	lokesh kumar, S. Acharya et al	Department of Physics	Phys. Rev. C 102, no.5, 055204 (2020)	2019 - 2020	24699985, 24699993

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Comparison of p-p, p-Pb, and Pb-Pb collisions in the thermal model: Multiplicity dependence of thermal parameters,	Dr. Natasha Sharma	Department of Physics	Phys. Rev. C 99, 044914 (2019).	2019 - 2020	17936608, 02183013
Underlying event measurements in p+p collisions at s = 200 GeV at RHIC	Iokesh kumar, J. Adam et al	Department of Physics	Phys. Rev. D 101, no.5, 052004 (2020)	2019 - 2020	24700010, 24700029
First measurement of neutrino oscillation parameters using neutrinos and antineutrinos by NOvANOVA collaboration	Prof Ashok Kumar, Prof. Vipin Bhatnagar	Department of Physics	Phys. Rev. Lett. 123, 151803	2019 - 2020	10797114, 00319007
Measurement of Upsilon(1S) elliptic flow at forward rapidity in Pb-Pb collisions at sNN = 5.02 TeV	Lokesh Kumar, S. Acharya et al. [ALICE Collaboration]	Department of Physics	Phys. Rev. Lett. 123, no.19, 192301 (2019)	2019 - 2020	10797114, 00319007
First measurement of Lambda_c baryon production in Au+Au collisions at sNN = 200 GeV	Iokesh kumar, J. Adam et al	Department of Physics	Phys. Rev. Lett. 124, no.17, 172301 (2020)	2019 - 2020	10797114, 00319007
Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions	Lokesh Kumar, S. Acharya et al. [ALICE Collaboration],	Department of Physics	Phys. Rev. Lett. 125, no.1, 012301 (2020)	2019 - 2020	10797114, 00319007
Probing the effects of strong electromagnetic fields with charge-dependent directed flow in Pb-Pb collisions at the LHC	Iokesh kumar, S. Acharya et al	Department of Physics	Phys. Rev. Lett. 125, no.2, 022301 (2020)	2019 - 2020	10797114, 00319007
Exact ground-state properties of the one-dimensional electron gas at high density	K.N. Pathak et al.	Department of Physics	Phys. Rev. B . 101, 075130 (2020).	2019 - 2020	2469-9950
Search for MSSM Higgs bosons decaying to $\mu + \mu -$ in proton-proton collisions at s=13TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys. Lett. B 798 (2019), 134992	2019 - 2020	0370-2693
Search for light pseudoscalar boson pairs produced from decays of the 125 GeV Higgs boson in final states with two muons and two nearby tracks in pp collisions at $\sqrt{s}=13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys. Lett. B 800 (2020), 135087	2019 - 2020	0370-2693
Combined search for supersymmetry with photons in proton-proton collisions at $\sqrt{s}=13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys. Lett. B 801 (2020), 135183	2019 - 2020	02179849, 17936640
Observation of the $\Lambda_b^0 \rightarrow J/\psi \Lambda \phi$ decay in proton-proton collisions at $\sqrt{s}=13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys. Lett. B 802 (2020), 135203	2019 - 2020	0370-2693
Measurement of the $t\bar{t}b\bar{b}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s}=13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys. Lett. B 803 (2020), 135285	2019 - 2020	0370-2693

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Study of excited Λ_b^0 states decaying to $\Lambda_b^0 \pi^+ \pi^-$ in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Lett.B 803 (2020), 135345	2019 - 2020	0370-2693
Study of J/ ψ meson production inside jets in pp collisions at $\sqrt{s} = 8$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Lett.B 804 (2020), 135409	2019 - 2020	0370-2693
A measurement of the Higgs boson mass in the diphoton decay channel	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Lett.B 805 (2020), 135425	2019 - 2020	0370-2693
Search for dijet resonances using events with three jets in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Lett.B 805 (2020), 135448	2019 - 2020	0370-2693
Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Lett.B 806 (2020), 135502	2019 - 2020	0370-2693
Measurement of the $\Upsilon(1S)$ pair production cross section and search for resonances decaying to $\Upsilon(1S) \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s} = 13$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Lett.B 808 (2020), 135578	2019 - 2020	0370-2693
Measurement of CKM matrix elements in single top quark $t\bar{t}$ -channel production in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Lett.B 808 (2020), 135609	2019 - 2020	0370-2693
Measurements of production cross sections of WZ and same-sign WW boson pairs in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Lett.B 809 (2020), 135710	2019 - 2020	0370-2693
Fusion- fission dynamics of 188, 190Pt through fission fragment mass distribution measurements	Prof. B.R. Behera	Department of Physics	Phys.Rev. C 100, 024626 (2019)	2019 - 2020	24699985, 24699993
Fusion-fission dynamics of 188, 190Pt through fission fragment mass distribution measurements	Kavita, K.S.Golda, T.K.Ghosh, A.Jhingan, P.Sugathan, A.Chatterjee, B.R.Behera, Ashok Kumar, R.Kumar,	Department of Physics	Phys.Rev. C 100, 024626 (2019) (Aug. 2019)	2019 - 2020	24699985, 24699993
Searching the reason for sub-barrier fusion enhancement through multi-neutron transfer channels	Prof. B.R. Behera	Department of Physics	Phys.Rev. C 100, 064612 (2019)	2019 - 2020	24699985, 24699993

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Intermediate structure and dipole bands in the transitional ^{134}Ba nucleus	Neelam, S.Kumar, K.Rojeeta Devi, N.Kumar, S.Saha, S.Biswas, P.Singh, F.S.Babra, Md.S.R.Laskar, R.Pal	Department of Physics	Phys.Rev. C 101, 014312 (2020) (Jan. 2020)	2019 - 2020	24699985, 24699993
Quasielastic scattering measurements in the $^{28}\text{Si} + ^{142}\text{Nd}$ systems	Prof. B. R Behera	Department of Physics	Phys.Rev. C 102, 014613 (2020)	2019 - 2020	24699985, 24699993
Strange hadron production in pp and pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Rev.C 101 (2020) 6, 064906	2019 - 2020	24699985, 24699993
Search for long-lived particles using delayed photons in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Rev.D 100 (2019) 11, 112003	2019 - 2020	24700010, 24700029
Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Rev.D 100 (2019) 11, 112007	2019 - 2020	24700010, 24700029
Measurement of the top quark polarization and $\mathbf{\hat{t}}_{\text{ar}}\mathbf{\hat{t}}$ spin correlations using dilepton final states in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Rev.D 100 (2019) 7, 072002	2019 - 2020	24700010, 24700029
Measurement of the top quark Yukawa coupling from $\mathbf{\hat{t}}_{\text{ar}}\mathbf{\hat{t}}$ kinematic distributions in the lepton+jets final state in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Rev.D 100 (2019) 7, 072007	2019 - 2020	24700010, 24700029
Search for supersymmetry in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with 137 fb^{-1} in final states with a single lepton using the sum of masses of large-radius jets.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Rev.D 101 (2020) 5, 052010	2019 - 2020	24700010, 24700029
Search for resonant pair production of Higgs bosons in the $\mathbf{\hat{b}\hat{b}ZZ}$ channel in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al.	Department of Physics	Phys.Rev.D 102 (2020) 3, 032003	2019 - 2020	24700010, 24700029
Measurement of the associated production of a Z boson with charm or bottom quark jets in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan, (CMS Collaboration et. al.)	Department of Physics	Phys.Rev.D 102 (2020) 3, 032007	2019 - 2020	24700010, 24700029
Search for a light charged Higgs boson in the $H^{\pm} \rightarrow c \bar{s}$ channel in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al.	Department of Physics	Phys.Rev.D 102 (2020) 7, 072001	2019 - 2020	24700010, 24700029

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Search for Physics beyond the Standard Model in Events with Overlapping Photons and Jets	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Phys.Rev.Lett. 123 (2019) 24, 241801	2019 - 2020	10797114, 00319007
Search for a Narrow Resonance Lighter than 200 GeV Decaying to a Pair of Muons in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Phys.Rev.Lett. 124 (2020) 13, 131802	2019 - 2020	10797114, 00319007
Constraints on the χ_{c1} versus χ_{c2} Polarizations in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Phys.Rev.Lett. 124 (2020) 16, 162002	2019 - 2020	10797114, 00319007
Measurement of the Jet Mass Distribution and Top Quark Mass in Hadronic Decays of Boosted Top Quarks in pp Collisions at $\sqrt{s} = 8$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Phys.Rev.Lett. 124 (2020) 20, 202001	2019 - 2020	10797114, 00319007
Search for Supersymmetry with a Compressed Mass Spectrum in Events with a Soft e^+e^- Lepton, a Highly Energetic Jet, and Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Phys.Rev.Lett. 124 (2020) 4, 041803	2019 - 2020	10797114, 00319007
Studies of charm quark diffusion inside jets using PbPb and pp collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV.	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Phys.Rev.Lett. 125 (2020) 10, 102001	2019 - 2020	10797114, 00319007
Observation of the Production of Three Massive Gauge Bosons at $\sqrt{s} = 13$ TeV	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al.,)	Department of Physics	Phys.Rev.Lett. 125 (2020) 15, 151802	2019 - 2020	10797114, 00319007
Observation of the $B^0 \rightarrow X(3872)\phi$ decay	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al)	Department of Physics	Phys.Rev.Lett. 125 (2020) 15, 152001	2019 - 2020	10797114, 00319007
Evidence for Top Quark Production in Nucleus-Nucleus Collisions	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan (CMS Collaboration et. al.,	Department of Physics	Phys.Rev.Lett. 125 (2020) 22, 222001	2019 - 2020	10797114
Measurements of $\sigma_{\mathrm{t\bar{t}}H}$ Production and the CP Structure of the Yukawa Interaction between the Higgs Boson and Top Quark in the Diphoton Decay Channel	Prof. Vipin Bhatnagar, Dr. Sushil S. Chauhan,(CMS Collaboration et. al.)	Department of Physics	Phys.Rev.Lett. 125 (2020) 6, 061801	2019 - 2020	10797114, 00319007
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Role of viscosity in fusion-fission dynamics via simultaneously measured neutron and α -particle multiplicities	K.Kapoor, N.Bansal, C.Sharma, S.Verma, K.Rani, R.Mahajan, B.R.Behera, K.P.Singh, A.Kumar, H.Singh	Department of Physics	PHYSICAL REVIEW C 100, 014620 (2019)	2019 - 2020	2469-9985, 2469-9993
Asymmetric fission around lead: The case of 198 Po	Shilpi Gupta, H. Arora,K. Rani	Department of Physics	PHYSICAL REVIEW C 100, 064608 (2019)	2019 - 2020	24699985, 24699993
Bicritical states in a vertical layer of fluid under two-frequency temperature modulation	Renu Bajaj	Department of Mathematics	Physical Review E	2019 - 2020	2470-0045
Controlled self-similar matter waves in PT-symmetric waveguide	Shailza Pathania, Harneet Kaur, Amit Goyal, C.N. Kumar	Department of Physics	Physics Letters A, 384 (2020) 126574	2019 - 2020	02177323, 17936632
Lambert W-kink solitons of the complex cubic-quintic Ginzburg-Landau equation with intrapulse Raman scattering	Nisha, Neetu Maan, Amit Goyal, Thokala Soloman Raju, C.N. Kumar	Department of Physics	Physics Letters A, 384 (2020) 126675	2019 - 2020	0375-9601
Chirped Lambert W-kink solitons of the complex cubic-quintic Ginzburg-Landau equation with intrapulse Raman scattering,	Nisha, Neetu Maan, Amit Goyal, Thokala Soloman Raju, C.N. Kumar	Department of Physics	Physics Letters A, 384 (2020) 126675.	2019 - 2020	02177323, 17936632
Differential effects of alprazolam against methylphenidate-induced neurobehavioral alterations	Kaur, Tanzeer	Department of Biophysics	Physiology & behavior	2019 - 2020	0031-9384
Aquatic Hyphomycetes Diversity from Sutlej River in Himachal Pradesh	Prof. M.C. Sidhu	Department of Botany	Plant Archives	2019 - 2020	0972-5210
CHECKLIST OF MACROINVERTEBRATES OF BINWA A WESTERN HIMALAYAN HILL STREAM AND THEIR ROLE AS BIOINDICATOR	DR. RAJINDER JINDAL	Department of Zoology	Plant Archives	2019 - 2020	e-ISSN:2581-6063 (online), ISSN:0972-5210
Evaluation of antibacterial potential of an invasivegrass (arundo donax l.) In a lower Siwalik region, India	Sharma, A., Singh, S., Kumar, P., & Singh, A. N.	Department of Botany	Plant Archives	2019 - 2020	0972-5210
Inter and intra specific variation in leaf functionaltraits under wheat-avena cultivation: an ecologicalassessment	Dr. A.N. Singh	Department of Botany	Plant Archives	2019 - 2020	e-ISSN:2581-6063 (online),ISSN:0972-5210
Nitric oxide induced modulations in adventitious root growth, lignin content and lignin synthesizing enzymes in the hypocotyls of Vigna radiata	Sharma S, , Singh HP, Batish DR, Kohli, R.K.	Department of Environment Studies	Plant Physiology and Biochemistry	2019 - 2020	0981-9428

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Nitric oxide induced modulations in adventitious root growth, lignin content and lignin synthesizing enzymes in the hypocotyls of Vignaradiate	S. Sharma, H.P. Singh, D.R. Batish, R.K.	Department of Botany	Plant Physiology and Biochemistry	2019 - 2020	9819428
Securing reproductive function in mungbean grown under high temperature environment with exogenous application of proline	Prof. Harsh Nayyar	Department of Botany	Plant Physiology and Biochemistry	2019 - 2020	ISSN:09819428, 18732690
Thaumatococcal protein kinases: Molecular characterization and transcriptional profiling in five cereal crops.	Sharma A, Shumayla, Tyagi S, Alok A, Singh K, Upadhyay SK	Department of Biotechnology	Plant Science	2019 - 2020	0168-9452
Genome wide characterization of WUSCHEL-related homeobox (WOX) gene family in Apostasia shenzhenica, a primeval orchid	Thakku R Ramkumar, Madhvi Kanchan & Jaspreet K. Sembi	Department of Botany	Plant Science Today	2019 - 2020	eISSN: 2348-1900
In silico identification, characterization and expression profile of WUSCHEL-related homeobox (WOX) gene family in Vanilla planifolia	ThiveyaranVictorathisayam, MadhviKanchan, Himani, Thandullu R. Suriyanarayanan, Jaspreet K. Sem	Department of Botany	Plant Science Today	2019 - 2020	2348-1900
Traditional knowledge and ways of consumption of wild edible plants by rural communities of Shimla District, Himachal Pradesh (India)	4. Jhamta, R, Puri, R, Sharma, M.L. Kaur, H & Khan, S	Department of Botany	Plant Science Today	2019 - 2020	2348-1900
Influence of drought and heat stress, applied independently or in combination during seed development, on qualitative and quantitative aspects of seeds of lentil (Lens culinaris Medikus) genotypes, differing in drought sensitivity	Prof. Harsh Nayyar	Department of Botany	Plant, Cell & Environment	2019 - 2020	ISSN:1365-3040
Low temperature-induced aberrations in male and female reproductive organ development cause flower abortion in chickpea	Prof. Harsh Nayyar	Department of Botany	Plant, Cell & Environment	2019 - 2020	ISSN:1365-3040
Genome-Wide Analysis and Expression Profiling of Rice Hybrid Proline-Rich Proteins in Response to Biotic and Abiotic Stresses, and Hormone Treatment	Ritu Kapoor, Gulshan Kumar, Preeti Arya, Rajdeep Jaswal, Kashmir Singh and Tilak Raj Sharma	Department of Biotechnology	Plants (Basel)	2019 - 2020	2223-7747
Bandwidth enhancement of planar terahertz metasurfaces via overlapping of dipolar modes	Deepak Kumar, Ravikumar Jain, Sabyasachi Banerjee, Shriganesh S Prabhu, Ranjan Kumar, Abul K Azad, D	Department of Physics	Plasmonics	2019 - 2020	15571955

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Synthesis, Characterization, Hydrolytic Stability, Nickel(II) Chloride Complex and Anti-Parasitic Activity of Pyrene-Tethered Silatranes	Gurjaspreet Singh,Akshpreet Singh,Kavita Chowdhary,Pinky Satija,Sanchita,Pooja Kalra,Geetika Sharma,	Department of Chemistry	Polycyclic Aromatic Compounds	2019 - 2020	1563-5333
A novel high-flux, thin-film composite desalination membrane via co-deposition of multifunctional polyhedral oligomeric silsesquioxane and polyoxometalate	Mojtaba Amini, Hadi Naslhajian, Ali Akbari, S Morteza F Farnia, Esmail Jabbari, Sanjeev Gautam, Keu	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Polyhedron	2019 - 2020	0277-538 7
Coordination polymers of manganese(II), cobalt(II), nickel(II) and cadmium(II) decorated with rigid pyrazine-2,3-dicarboxylic acid linker: Synthesis, structural diversity, DFT study and magneto-luminescence properties	Sen C., Kumar M., Nisa Z., Ashashi N. A., Frontera A., Sahoo S. C., Sheikh H. N.	Department of Chemistry	Polyhedron 2020, 187, 114629	2019 - 2020	0277-5387
Microwave assisted synthesis of gum gellan cl poly(acrylic co methacrylic acid) hydrogel for cationic dyes removal	Shweta Sharma	Institute of Forensic Science & Criminology	Polymer Bulletin	2019 - 2020	0170-0839
Microwave-assisted synthesis of gum gellan-cl-poly (acrylic-co-methacrylic acid) hydrogel for cationic dyes removal	Vishal Sharma	Institute of Forensic Science & Criminology	Polymer Bulletin	2019 - 2020	0170-0839 (print) 1436-2449 (web)
Sustaining Linguistic and Cultural Identity: A Study of Modes and Styles adopted by Bengali Community in Delhi	Smita Bhutani	Department of Geography	Population Geography	2019 - 2020	0256-5331
Archean crustal evolution of the Aravalli Banded Gneissic Complex, NW India: Constraints from zircon U-Pb ages, Lu-Hf isotope systematics, and whole-rock geochemistry	Kaur, P., Zeh, A. and Chaudhri, N.	Department of Geology	Precambrian Research (Elsevier)	2019 - 2020	0301-9268
Synergistic Effect of Biogenics Derived from Potential Probiotics Together with Zingerone Against Biofilm Formation by Pseudomonas aeruginosa PAO1	Swati chandla, Kusum Harjai, Geeta Shukla	Department of Microbiology	Probiotics & Antimicrobial proteins	2019 - 2020	1867-1314
Efficiency of nanoparticle reinforcement using finite element analysis of titanium alloy mandible plate	P. Jindal, F. Worcester, A. Gupta, and P. Breedon	University Institute of Engineering & Technology	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine	2019 - 2020	0954-4119
Bio-utilization of fruits and vegetables waste to produce β -carotene in solid-state fermentation: Characterization and antioxidant activity	P Kaur, G Ghoshal, A Jain	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Process biochemistry	2019 - 2020	13595113

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Novel 3-D flower like Bi ₃ O ₄ Cl/BiOCl p-n heterojunction nanocomposite for the degradation of levofloxacin drug in aqueous phase	G.Gupta, S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Process Safety and Environmental Protection	2019 - 2020	1744-3598
Appraisal of immediate and late effects of mobile phone radiations at 2100 MHz on mitotic activity and DNA integrity in root meristems of Allium cepa	S. Chandel, S. Kaur, M. Issa, H.P. Singh, D.R. Batish& R.K. Kohli	Department of Botany	Protoplasma, 256, 1399-1407	2019 - 2020	0033183X
Minimal texture of quark mass matrices and precision CKM measurements	Dr. Gulsheen Ahuja	Department of Physics	PTEP 2020 (2020) 1, 013B06	2019 - 2020	20503911
Going beyond the minimal texture of quark mass matrices in the era of precision measurements	Dr. Gulsheen Ahuja	Department of Physics	PTEP 2020 (2020) 9, 093B10.	2019 - 2020	0033-068X (print); 1347-4081 (web)
Facilitating Sustainable Development of Rural Women Through Financial Inclusion with Special Reference to National Rural Livelihood Mission in State of Haryana (India): An Assessment	Dr. Navreet (Co-Author)	Department of Public Administration	Public Affairs and Governance	2019 - 2020	2321-2128
Symptomatic benign migratory glossitis- case report	Dr. Sidhi Passi	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Punjab University Science	2019 - 2020	ISSN-0555-7631
Microlithic, faunal, floral and isotopic data from an archaeological site 14C dated to LGM in the eastern state of Odisha, India.	Rajeev Patnaik, Hong-Chun Li, Jih-Pai Lin, Mahi Bansal, Parth R.Chauhan	Department of Geology	Quaternary International	2019 - 2020	1040-6182.
The youngest occurrence of Hexaprotodon Falconer and Cautley, 1836 (Hippopotamidae, Mammalia) from South Asia with a discussion on its Extinction	Jukar, A.M. Patnaik, R. Chauhan, P.C. Li Hong-Chuu, Lin Jih-Pai	Department of Geology	Quaternary International	2019 - 2020	1040-6182
Dietary and habitat shifts in relation to climate of Neogene-Quaternary proboscideans and associated mammals of the Indian subcontinent.	Patnaik, R., Ningthoujam Premjit Singh, Paul, D., and Sukumar, R.	Department of Geology	Quaternary Science Reviews.	2019 - 2020	0277-3791
Experimental and theoretical L-shell ionization cross sections of heavy atoms by impact of Si ions	M Oswal, Sunil Kumar, Udai Singh, Shashank Singh, G Singh, KP Singh, D Mehta, AMP Mendez, DM Mitnik,	Department of Physics	Radiation Physics and Chemistry	2019 - 2020	0969-806X
3D modelling and printing of craniofacial implant template	Deepkamal Kaur Gill Kartikeya Walia, Aditi Rawat, Divya Bajaj, Vipin Kumar Gupta, Anand Gupta, Mamta	University Institute of Engineering & Technology	Rapid Prototyping Journal	2019 - 2020	1355-2546
Young People, politics and Social media: the Changing equation	Navneet Arora	University Institute of Legal Studies	Rattan Singh & Shruti Bedi (eds),	2019 - 2020	978-93-81587-37-9

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Legislative Framework for Capital Market Regulation in India and USA: A Comparative study	Jai Mala	University Institute of Legal Studies	Re Marking : An Analisation, Vol.4, Issue 2	2019 - 2020	
Green chemistry mediated synthesis of PLGA-Silver nanocomposites for antibacterial synergy: Introspection of formulation parameters on structural and bactericidal aspects.	Prof. Rajat Sandhir	Department of Biochemistry	Reactive and Functional Polymers	2019 - 2020	13815148
Traffic Models for Energy Harvesting based Wireless Sensor Networks	Pardeep Kaur, Preeti Singh and B. S. Sohi	University Institute of Engineering & Technology	Recent Advances in Electrical & Electronic Engineering	2019 - 2020	
Recent developments on functional nanomaterial-based electrodes for microbial fuel cells	R Kaur, A Marwaha, VA. Chhabra, K.-H. Kim and S. K. Tripathi	Department of Physics	Renewable and Sustainable Energy Reviews	2019 - 2020	1364-0321
Dosimetric comparison of dynamic conformal arc integrated with segment shape optimization and variable dose rate versus volumetric modulated arc therapy for liver SBRT	Dr. Vivek Kumar	Centre for Medical Physics	Reports of Practical Oncology and Radiotherapy	2019 - 2020	1507-1367
Contraceptive efficacy of sperm agglutinating factor from Staphylococcus warneri, isolated from the cervix of a woman with inexplicable infertility	Neeraj Chandra Pant, Ravinder Singh, Vijaya Gupta, Aditi Chauhan, Ravimohan Mavududru, Vijay Prabha,	Department of Microbiology	Reproductive Biology and Endocrinology	2019 - 2020	1477-7827
Determining Association of Demographic Factors with Awareness of Banking Products & Microfinance: A Study of Chandigarh	Dr.Anupreet Kaur Mavi and Dr.Rachita Sambyal	University Institute of Applied Management Sciences	Research Chronicler, Volume VII Issue III: March 2019 (21)	2019 - 2020	ISSN: Print: 2347-5021;ISSN: Online: 2347-503X
A Sociological Study of Parents : Choosing A Government Primary School for their Child	Rajni	University School of Open Learning	Research Guru	2019 - 2020	2349266X
Division of family work and decision making pattern among the Dual Earner couples	Madhurima Verma	University School of Open Learning	Research Guru : online Journal of Multidisciplinary subjects	2019 - 2020	ISSN No. 2349-266X
Mediation and Conciliation to Resolve Personal Dispute An Overview	Jai Mala	University Institute of Legal Studies	Research Guru on Journal of Multidisciplinary Subjects Vol.12, Issue-4	2019 - 2020	
Who Make Effective Role as Teachers	Prof.Prabha Vig	Department of Lifelong Learning & Extension	Research in Engineering and Social Sciences	2019 - 2020	2250-0588
Determinants of Spatial Diffusion of Orchards in Himachal Pradesh	Navneet Kaur	Department of Geography	Research Journal (Arts)	2019 - 2020	ISSN 0970-5260

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Studies on drug resistance mechanisms in Candida albicans and screening of natural products for reversal of drug resistance	Kanchan Sharma and Jaspreet Kaur	University Institute of Engineering & Technology	Research Journal of Biotechnology	2019 - 2020	22784535
Hindu Identity in the Nineteenth Century: Swami Dayanand Saraswati and Pandit	Sheena Pall	University School of Open Learning	Research Journal Social Sciences	2019 - 2020	ISSN 0251-348X
Fiscal Performance of Indian States and Central Transfers	Sharma, Smita and Priyanka Nain	Department of Economics	Research Journal Social Sciences Vol. 27, issue 3, 2019	2019 - 2020	0251-348x
Dalit women in India: A Critical study	Amandeep	Department of Evening Studies	RESEARCH REVIEW	2019 - 2020	ISSN: 2455-3085 (Online) Issue-05
Effect of brain based Instructional strategies on Achievement in Science of male and female secondary school students of Chandigarh	Kapil, Kanan and Prof. Latika Sharma	Department of Education	Research Review	2019 - 2020	24553085
Life and livelihood of street vendors: A Review	meenu saihjpal and others	University Institute of Legal Studies	Research Review International Journal of Multidisciplinary	2019 - 2020	2455-3085
Life and Livelihoods of Street Vendors: A Review	Ashish Saihjpal	P.U. Regional Centre, Ludhiana	RESEARCH REVIEW International Journal of Multidisciplinary	2019 - 2020	2455-3085
An Insight into teacher education system in Japan: a brief historical Development and current system	Manjinder Kaur and Latika Sharma	Department of Education	Review and research in social sciences	2019 - 2020	24542687
Pogostemon benghalensis essential oil inhibited the weed growth via causing oxidative damage	Dahiya, S., Batish, D.R., Singh, H.P.	Department of Botany	Revista Brasileira de Botanica	2019 - 2020	1008404
Reconciliation under Hindu Marriage Act, 1955: An Analysis of its Efficacy in Saving Marriages RGNUL Law Review, Vol. VIII No. II July-Dec. 2018, (), pp. 21-32	Shruti Bedi & Harsimran Kaur Bedi	University Institute of Legal Studies	RGNUL Law Review, Vol. VIII No. II July-Dec. 2018, pp. 21-32	2019 - 2020	ISSN 2231-4938
Pairing interactions between nucleobases and ligands in aptamer:ligand complexes of riboswitches: crystal structure analysis, classification, optimal structures, and accurate interaction energies	Preethi P. Seelam, Abhijit Mitra and Purshotam Sharma	Department of Chemistry	RNA society	2019 - 2020	1355-8382
Highly selective and sensitive simultaneous nanomolar detection of Cs(I) and Al(III) ions using tripodal organic nanoparticles in aqueous media: the effect of the urea backbone on chemosensing	J. Mishra, M. Kaur, N. Kaur and A. K. Ganguli	Department of Chemistry	RSC Advances	2019 - 2020	2046-2069

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Photophysical deactivation behaviour of Rhodamine B by different graphite materials	Shweta Sharma	Institute of Forensic Science & Criminology	RSC Advances	2019 - 2020	2046-2069
Radical pathways for the formation of non-canonical nucleobases in prebiotic environments	Sarabjeet Kaur and Purshotam Sharma	Department of Chemistry	RSC advances	2019 - 2020	2046-2069
Sub-millimeter size high mobility single crystal MoSe2 monolayers synthesized by NaCl-assisted chemical vapor deposition	Sunil K. Arora	Centre for Nanoscience and Nanotechnology	RSC Advances	2019 - 2020	2046-2069
A flower-like ZnO–Ag2O nanocomposite for label and mediator free direct sensing of dinitrotoluene	U. Chakraborty, G. Bhanjana, J. Adam, Y. K. Mishra, Gurpreet Kaur,* G. R. Chaudhary* and A. Kaushi	Department of Chemistry	RSC Advances 10, 27764-27774	2019 - 2020	2046-2069
Chingiz Aitmatov's Kyrgyzstan in the Noval "Farewell Gulsari";	Prof. Pankaj Malviya	Department of Russian	Russian Philology, (Occasional Papers) 2019	2019 - 2020	2231-1564
Сония (A story by Tatyana Tolstaya)	Prof. Pankaj Malviya	Department of Russian	RUSSIAN PHILOLOGY, issue no.38 [2019]	2019 - 2020	2231-1564
Harnessing Solar Energy through Photovoltaic in Chandigarh: a Step Towards Preparing for Climate Change,	Purva Mishra	University School of Open Learning	SAGE Journal - Indian Journal of Public Administration	2019 - 2020	ISSN: 00195561
Prof. Kishan Singh da Gurbani da Viakhaya Shaster	Dr. Sarbjit Singh	School of Punjabi Studies	Samvad	2019 - 2020	2395-1273
Externally predictive quantum-mechanical models for the adsorption of aromatic organic compounds by graphene-oxide nanomaterials, SAR QSAR in Environmental Research, 30, 109-130, 2019.	Suman Lata and Vikas	Department of Chemistry	SAR and QSAR in Environmental Research	2019 - 2020	1062-936X
Two-Dimensional Metric Comparisons between Dynamic Bare Footprints and Insole Foot Impressions- Forensic Implications	Dr. Kewal Krishan	Department of Anthropology	Science & Justice	2019 - 2020	1355-0306
Two-dimensional metric comparisons between dynamic bare footprints and insole foot impressions-forensic implications	Michael S. Nirenberga,* , Elizabeth Ansertb, Kewal Krishanc, Tanuj Kanchand	Department of Anthropology	Science & Justice	2019 - 2020	1355-0306
Rapid and non-destructive identification of claws using ATR-FTIR spectroscopy–A novel approach in wildlife forensics	Vishal Sharma	Institute of Forensic Science & Criminology	Science & Justice	2019 - 2020	1355-0306
On the spectroscopic cum chemometric approach for differentiation and classification of inkjet, laser and photocopier printed documents	Vishal Sharma	Institute of Forensic Science & Criminology	Science & Justice	2019 - 2020	1355-0306
‘Blue Whale Challenge’: A Game or Crime?	Dr. Kewal Krishan	Department of Anthropology	Science and Engineering ethic	2019 - 2020	1353-3452
The Leiden Manifesto and Research Assessment	Dr. Kewal Krishan	Department of Anthropology	Science and Engineering ethic	2019 - 2020	1353-3452

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Analysis of approximation methods and fractional-order circuit	Dr. Roopali Garg	University Institute of Engineering & Technology	Science Direct, Materials Today: Proceedings	2019 - 2020	22147853
Radio frequency based material estimation of old age 3D sculptures	Dr. Roopali Garg	University Institute of Engineering & Technology	Science Direct, Materials Today: Proceedings	2019 - 2020	22147853
Real-time monitoring of air pollutants in seven cities of North India during crop residue burning and their	Khaiwal Ravindra, Tanbir Singh, Sahil Mor, Vikas Singh, Tuhin Kumar Mandal, Manpreet Singh Bhatti	Department of Environment Studies	Science of the total environment	2019 - 2020	0048-9697
Real-time monitoring of air pollutants in seven cities of North India during crop residue burning and their relationship with meteorology and transboundary movement of air	Ravindra, K., Singh, T., Mor, S., Singh, V., Mandal, T.K., Bhatti, M.S., Gahlawat, S.K., Dhankhar, R	Department of Environment Studies	Science of the total environment	2019 - 2020	0048-9697
Nanosorbent of hydroxyapatite for atrazine: A new approach for combating agricultural runoffs	Priyanka Sharma 1 , Deepak Rohilla 2 , Savita Chaudhary 3 , Rajeev Kumar 1 , A N Singh 4	Department of Environment Studies	Science of Total Environment	2019 - 2020	0048-9697
Bactericidal effects of metallosurfactants based cobalt oxide/hydroxide nanoparticles against Staphylococcus aureus	Varsha Dogra, Gurpreet Kaur*, Shiwani Jindal, Rajeev Kumar, Sandeep Kumar, Nitin Kumar Singhal	Department of Chemistry	Science of total environment, 2019, 681:350-364	2019 - 2020	0048-9697
Comprehensive metabolic profiling to decipher the influence of rootstocks on fruit juice metabolome of Kinnow (C. Nobilis × C. deliciosa)	Saini M. K, Capalash N, Kaur C and Singh S. P.	Department of Biotechnology	Scientia Horticulturae	2019 - 2020	ISSN 0304-4238
Comprehensive metabolic profiling to decipher the influence of rootstocks on fruit juice metabolome of Kinnow (C. Nobilis × C. deliciosa).	Saini M. K, Capalash N, Kaur C and Singh S. P.	Department of Biotechnology	Scientia Horticulturae	2019 - 2020	0304-4238
Cross competence and affectivity of maize rhizosphere bacteria Bacillus sp. MT7 in tomato rhizosphere	Priyanja Pathania, Ranjana Bhatia, Madhu Khatri	University Institute of Engineering & Technology	Scientia Horticulture	2019 - 2020	0304-4238
Bioinformatics Unmasks the Maneuverers of Pain Pathways in Acute Kidney Injury	Gupta, A., Puri, S., and Puri, V.	University Institute of Engineering & Technology	Scientific report	2019 - 2020	2045-2322
Isolation, characterization and identification of antigenotoxic and anticancerous indigenous probiotics and their prophylactic potential in experimental colon carcinogenesis.	Chandel D, Sharma M, Chawla V, sachdeva N and Shukla G (2019)	Department of Microbiology	Scientific report	2019 - 2020	2045-2322
Analysis of mutations leading to para-aminosalicylic acid resistance in Mycobacterium tuberculosis	Bharati Pandey, Sonam Grover, Jagdeep Kaur, Abhinav Grover	Department of Biotechnology	Scientific Reports	2019 - 2020	2045-2322

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Comparative litter decomposability traits of selected native and exotic woody species from an urban environment of north-western Siwalik region, India	Patil, M., Kumar, A., Kumar, P., Cheema, N. C., Kaur, R., Bhatti, R., & Singh, A. N.	Department of Botany	Scientific Reports	2019 - 2020	
Delving into the Antiuro lithiatic Potential of Tribulus terrestris Extract Through –In Vivo Efficacy and Preclinical Safety Investigations in Wistar Rats	Kaur, Tanzeer	Department of Biophysics	Scientific Reports	2019 - 2020	2045-2322 (Electronic) 2045-2322 (Linking)
GABA (γ -aminobutyric acid), as a thermo-protectant, to improve the reproductive function of heat-stressed mungbean plants	Prof. Harsh Nayyar	Department of Botany	Scientific Reports	2019 - 2020	ISSN:2045-2322
Green synthesis of peptide functionalized reduced graphene oxide (rGO) nano bioconjugate with enhanced antibacterial activity	Shubhi Joshi, Ruby Siddiqui, Pratibha Sharma, Rajesh Kumar, Gaurav Verma, Avneet Saini	Department of Physics	Scientific Reports	2019 - 2020	2045-2322
Prophylactic potential of cytolethal distending toxin B (CdtB) subunit of typhoid toxin against Typhoid fever	Reena Thakur, Preeti Pathania, Navneet Kaur, Vattan Joshi, Kanthi Kiran Kondepudi, Raman Chander Sur	Department of Microbiology	Scientific Reports	2019 - 2020	20452322
Quantification of adsorbed and dangling citrate ions on gold nanoparticle surface using thermogravimetric analysis	Manish Bajaj, Nishima Wangoo, D. V. S. Jain, Rohit K. Sharma	Department of Chemistry	Scientific Reports 2020, 10, 8213	2019 - 2020	2045-2322
LC-HRMS based approach to identify novel sphingolipid biomarkers in breast cancer patients.	Prof. Navneet Agnihotri	Department of Biochemistry	Scientific reports.	2019 - 2020	2045-2322 (Electronic)
Impact of global financial crisis on asian stock markets: Volatility and causality analysis	Dr. Nishi Sharma	University Institute of Applied Management Sciences	SCMS Journal of Indian Management	2019 - 2020	0973-3167
Design and Simulation of Low Power Microcontroller for IoT Applications	Dr. Balwant Raj	P.U. S.S. Giri Regional Centre, Hoshiarpur	Sensor Letters	2019 - 2020	ISSN: 1546-198X (Print): EISSN: 1546-1971 (Online)
Improved Sensitivity of Dielectric Modulated Junctionless Transistor for Nanoscale Biosensor Design	Dr. Balwant Raj	P.U. S.S. Giri Regional Centre, Hoshiarpur	Sensor Letters	2019 - 2020	ISSN: 1546-198X (Print): EISSN: 1546-1971 (Online)

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A low-cost device for rapid ‘color to concentration’ quantification of cyanide in real samples using paper-based sensing chip	Singh, H., Singh, G., Mahajan, D. K., Kaur, N., Singh, N.	Department of Chemistry	Sensors and Actuators B: Chemical	2019 - 2020	0925-4005
Zn ²⁺ conjugated Schiff base organic nanoparticles for selective quantification and degradation of diethyl chlorophosphate in aqueous media: Application to green vegetables	Singh, J., Parkash, J., Kaur, V., Singh, R.	Department of Chemistry	Sensors and Actuators, B: Chemical 298,126923	2019 - 2020	0925-4005
Sexual Harassment of girls in India within the framework of higher educational institutions	Anupam Bahri	University Institute of Legal Studies	Sexual Harassment of girls in India within the framework of higher educational institutions	2019 - 2020	22293906
Guru Nanak Gurmat Vichardhara Te Manvi Academy, Nalik Parsang	Jaspal Kaur Kaang	University School of Open Learning	Shabad Boond	2019 - 2020	
A study of relationship between perceived parenting style and social maturity of 9th graders	Kaur, S. and Kaur, K.	Institute Of Educational Technology & Vocational Education	Shodh Sanchar Bulletin	2019 - 2020	2229-3620
A study on expectation and reality gap for early change of career as hospitality employees	Dr Neeraj Aggarwal	University Institute of Hotel and Tourism Management	Shodh Sanchar Bulletin	2019 - 2020	22293620
Gandhi’s Vision on Panchayati Raj System in India	Dr. Rajneesh	P.U. Rural Centre, Kauni, Muktsar	Shodh Sanchar Bulletin	2019 - 2020	2229-3620
Parental participation in Child Education : A Sociological Study	Rajni	University School of Open Learning	Shodh Sanchar Bulletin	2019 - 2020	2229-3620
Modernity and Dalit consciousness in Tamil and Telugu poetry	Amandeep	Department of Evening Studies	Shodh Sanchar Bulletin.	2019 - 2020	2229 – 3620
A study of realizing the need of job crafting and its impact on employee leadership	Hargovind Kakkar, Dr. Sanjay Kaushik & Nikita Gupta	University Business School	Shodh Sarita	2019 - 2020	2348-2397
Articulating Difference : The combative Topology of Dalit Writing in Tamil	Amandeep	Department of Evening Studies	Shodh Sarita	2019 - 2020	2348-2397
Building as learning aid interventions and learning outcomes of primary school students	Kaur, K.	Institute Of Educational Technology & Vocational Education	Shodh Sarita	2019 - 2020	2348-2397
Customer's Familiarization and knowledge about corporate social responsibility- A study of select public and private sector banks in India	Dr. Lipika Bhardwaj & Prof. Sanjay Kaushik	University Business School	Shodh Sarita	2019 - 2020	2348-2397
Importance of Administrative Services and its Evaluation through Performance Appraisal (UGC CARE Listed)	Dr. A Kumar	University School of Open Learning	Shodh Sarita	2019 - 2020	ISSN No. 2348-2397
Incivility at workplace and its impact on job satisfaction and turnover intentions in a paper manufacturing firm	Surbhi, Meenakshi Malhotra	University Business School	Shodh Sarita	2019 - 2020	2348-2397

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Marginalisation of Displaced People with Special Reference to Chamera Dam in Himachal Pradesh	Dr. Rajneesh	P.U. Rural Centre, Kauni, Muktsar	Shodh Sarita	2019 - 2020	2348-2397
Customers' Familiarization & knowledge about corporate social responsibility- A Study of select public and private sector banks in India	Dr.Lipika	University Institute of Hotel and Tourism Management	SHODH SARITA-An International Bilingual peer reviewed refereed research journal	2019 - 2020	2348-2397
2,5-Dimercapto-1,3,4-Thiadiazole Tethered γ -Propylsilatrane: Syntheses, Characterization, UV-Vis and Electrochemical Studies	Gurjaspreet Singh1 & Shally Girdhar 1 & Akshpreet Singh1 & Amandeep Saroa1 & Pinky Satija1 & Vikas V	Department of Chemistry	Silicon	2019 - 2020	18769918
Dual-Material Gate-Drain Overlapped DG-TFET Device for Low Leakage Current Design	Dr. Balwant Raj	P.U. S.S. Giri Regional Centre, Hoshiarpur	Silicon, Springer	2019 - 2020	Print ISSN 1876-990X, Electronic ISSN 1876-9918
Dev di Kavita da Niveklapan	Dr. Yograj	School of Punjabi Studies	Sirjana Ank 194	2019 - 2020	2455-1058
Improving Attributes of Teacher Education:An Analysis	Amandeep	Department of Evening Studies	Smart Moves Journal IJELLH	2019 - 2020	ISSN-2582-3574
The Geopolitics of Spectacle: Space, Synecdoche and the new Capital of Asia	Simrit Kahlon	Department of Geography	Social And Cultural Geography	2019 - 2020	14649365
Missing Children in Chandigarh: A Study	Ms. Sonam	Centre for Social Work	Social Work Chronicle	2019 - 2020	2277-1395
The Evolution of Narcotic Drug Laws International & National Endeavours	Prof. Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Socio Economic Offences in India	2019 - 2020	978-93-80231-31-0
Modelling Efficiency in Budget Allocations for Indian States Using Window Based Non-radial Non-Concave Metafrontier Data Envelopment Analysis	Nitin Arora and S.J. Talwar	Department of Economics	Socio-Economic Planning Sciences, 70(C)	2019 - 2020	0038-0121
Sagacity of Judiciary's Intrusion in Arbitration: A Profound Vision	Rattan Singh	University Institute of Legal Studies	SOCLAW The Journal of HPUILS, Volume – I	2019 - 2020	
Integrating Culture in Various Initiatives for Achieving Sustainable Development Goals	Dr. Bharati Garg (Co-Author)	Department of Public Administration	Socrates	2019 - 2020	2347-6869
An efficient technique for object recognition using Shi-Tomasi corner detection algorithm	Krishan Kumar	University Institute of Engineering & Technology	Soft Computing	2019 - 2020	1433-7479
Devanagari ancient character recognition using DCT feature with adaptive boosting and bootstrap aggregating	Sonika Rani Narang, M. K. Jindal and Munish Kumar	P.U. Regional Centre, Muktsar	Soft Computing	2019 - 2020	1432-7643

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On the recognition of Devanagari ancient handwritten characters using SIFT and Gabor features	Dr. Manish Kumar	P.U. Regional Centre, Muktsar	Soft Computing	2019 - 2020	pages17279–17289
Phenylalanine dimer assembly structure as the basic building block of an amyloid like photoluminescent nanofibril network	Nishima Wangoo	University Institute of Engineering & Technology	Soft Matter	2019 - 2020	1744683X, 17446848
Phenylalanine dimer assembly structure as basic building block of amyloid like photoluminescent nanofibril network	Prabhjot Singh, Nishima Wangoo, Rohit K. Sharma	Department of Chemistry	Soft Matter 2020, 16, 4105-4109	2019 - 2020	1744-683X
Globalization and its Impact on Social Welfare: critical perspective with special reference to India	Sujiy Lahiry	P.U. Regional Centre, Muktsar	Soical WelfarePolitics and Programmes in South Asia	2019 - 2020	SBN 9780367443535
Impact of self-assembly on the photovoltaic properties of a small molecule oligothiophene donor	A.K. Hundal, A. Agarwal, M. Jameel, S.Ali, J.Chen, N.Kaur, L.Jones, J.L.Li, S.J.Langford, A. Gupta	Department of Chemistry	Solar Energy	2019 - 2020	0038-092X
Temperature dependent Raman investigations of few layered Ws2 nanosheets	Sunil K. Arora	Centre for Nanoscience and Nanotechnology	Solid State Communications	2019 - 2020	0038-1098
Online teaching in the wake of the COVID-19 Pandemic	Prof. Satvinderpal Kaur	Department of Education	SomeConcerns Countercurrent.org	2019 - 2020	
Animal Welafre and Human Health: Rising	Namita Gupta	Centre for Human Rights & Duties	South Asia Research	2019 - 2020	2627280
Pastoralists of the Himalayas: An Anthropological Study of the Gaddis of Bharmaur Region in Himachal Pradesh	Simmy	Department of Anthropology	South Asian Anthropologist, 2019 September issue Volume 19 Number 2.	2019 - 2020	0257-7348
Rhodamine-based fluorescent probe for sequential detection of Al3+ ions and adenosine monophosphate in water	Kaur, R., Saini, S., Kaur, N., Singh, N., Jang, D. O.	Department of Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2019 - 2020	1386-1425
Rhodamine-based fluorescent probe for sequential detection of Al3+ ions and adenosine monophosphate in water. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy 2019, 223,117361	Kaur, R., Saini, S., Kaur, N., Singh, N., Jang, D.O.	Department of Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2019 - 2020	1386-1425
Switch on fluorescent sensor for the detection of fluoride ions in solution and commercial tooth paste	Navneet Kaur, Gitanjali Jindal	Department of Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 223 (2019) 117361	2019 - 2020	1386-1425

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Multianalyte azo dye as an on-site assay kit for colorimetric detection of Hg ²⁺ ions and electrochemical sensing of Zn ²⁺ ions	Gargi Dhaka, Gitanjali Jindal, Ranjeet Kaur, Shweta Rana, Akhil Gupta, Navneet Kaur	Department of Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 229 (2020) 117869	2019 - 2020	1386-1425
Highly photoluminescent and pH sensitive nitrogen doped carbon dots (NCDs) as a fluorescent sensor for the efficient detection of Cr (VI) ions in aqueous media	J. Kaur, S. Sharma, S.K. Mehta, S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	SpectrochimicaActa - Part A: Molecular and Biomolecular Spectroscopy	2019 - 2020	1386-1425
On the examination of raw, pasteurized, powdered, and adulterated milk samples and their multivariate classification: applications in food and forensic science	Vishal Sharma	Institute of Forensic Science & Criminology	Spectroscopy Letters	2019 - 2020	387010
Dietary Phytochemicals as Neurotherapeutics for Autism SpectrumDisorder: Plausible Mechanism and Evidence. Personalized Food Intervention and Therapy for Autism SpectrumDisorder Management,	Ranjana Bhandari, Jyoti K Paliwal, Anurag Kuhad	University Institute of Pharmaceutical Sciences	Springer Nature, Advanced Neurobiology Series	2019 - 2020	978-3-030-52158-5
Neuropsychopathology of Autism Spectrum Disorder: Complex Interplay of Genetic, Epigenetic, and Environmental Factors.Personalized Food Intervention and Therapy for Autism Spectrum Disorder Management	R Bhandari, JK Paliwal &&&A Kuhad	University Institute of Pharmaceutical Sciences	Springer Nature, Advanced Neurobiology Series	2019 - 2020	978-3-030-52158-5.
Comparative Performance Analysis of GFDM and UPMC technique in cognitive radio under the effect of different windowing techniques for next generation communication	A.S.Kang	P.U. S.S. Giri Regional Centre, Hoshiarpur	Springer, International Journal of Information Technology,	2019 - 2020	2511-2112
Ontology Based Research Asset Management Model for Academic Environment	Puneet Modgil, M Syamala Devi	Department of Computer Science & Applications	SRELS Journal of Information Management	2019 - 2020	0972-2467
Undergraduates' Preferences and Information Use Behaviour	Nirupma Chohda	A C Joshi Library	SRELS Journal of Information Management	2019 - 2020	0972-2467
Nonparametric tests for ordered quantiles	Pooja Soni , Isha Dewan ,Kanchan Jain	University Business School	Statistical Papers	2019 - 2020	0932-5026
Methods Of Estimation Of Time Since Death	Dr. Kewal Krishan	Department of Anthropology	statpearls	2019 - 2020	PMID: 31751057
Postmortem Changes	Dr. Kewal Krishan	Department of Anthropology	statpearls	2019 - 2020	PMID: 30969563
Simulation Training and Skill Assessment in Disaster Medicine	Dr. Kewal Krishan	Department of Anthropology	statpearls	2019 - 2020	• PMID: 31869183

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Ruminating about the panoramic view of sustainable development goal of providing quality education: Adjusting the focus through Gandhiji's lens	Shelly aggarwal and Dr. Dazy zarabi	Department of Community Education & Disability Studies	Studies in Indian names place (SIPN)	2019 - 2020	2394-3114
An International Perspective of Food Wastages : An analysis of Legal policies	Dr.Ashish Virk	P.U. Regional Centre, Ludhiana	Studies in Indian Place Name	2019 - 2020	2394-3114
The Employees perception on formulation and implementation of HR Strategies-An analytical study in Hospitality Industry of Garhwal and Kumaon region of Uttarakhand	DR Neeraj Aggarwal	University Institute of Hotel and Tourism Management	Studies in Indian place name	2019 - 2020	23943114
Breaking the Ivory Tower in Higher Education: Reaching out to the Community	Dr. Rajneesh	P.U. Rural Centre, Kauni, Muktsar	Studies in Indian Place Names	2019 - 2020	2394-3114
Effect of 4MAT teaching model on achievement in Econmics in relation to achievement motivation	Sharma, A. and Kaur, K.	Institute Of Educational Technology & Vocational Education	Studies in Indian place Names	2019 - 2020	2394-3114
Implementation of UGC Guidelines for Ban of Plastic Use in Higher Education Institutions: A Case Study of Panjab University, Chandigarh	Dr. Bhawna Gupta (Co-Author)	Department of Public Administration	Studies in Indian Place Names	2019 - 2020	2394-3114
Merger of Corporate Social Responsibility and Corporate Governance: A Perspective from Indian Public Sector Banks	Vipul Gupta and Dr. Indu Bala	Department of Economics	Studies in Indian Place Names	2019 - 2020	2394-3114
Motor Skills problems among primary School Students	Dr. Rekha and Kuljinder Kaur	Institute Of Educational Technology & Vocational Education	Studies in Indian Place Names	2019 - 2020	2394-3114
Need For Achievement And Entrepreneurial Orientation Among Students: A Sustainable Economic Growth For Punjab State	Rupinder Bir Kaur and Kanwal Dhanobya	University Business School	Studies in Indian Place Names	2019 - 2020	
Policy priorities in public funding of rural infrastructural development programmes in India	Neeraj Sharma	Department of Evening Studies	Studies in Indian place names	2019 - 2020	ISSN 2394-3114
Rediscovering India-Tibet Relations: A Critical Appraisal	Jaskaran Singh Waraich	Department of Defence and National Security Studies	Studies in Indian Place Names	2019 - 2020	23943114
Sex Trafficking of Girls and Women as a Grave Global Menace: Some Evidence from India	Dr Rajesh Kumar Chander	Department Cum Centre for Women Studies & Development	Studies in Indian Place Names	2019 - 2020	ISSN: 2394-3114
The Causal Link between Economic Growth and Structural Change in India"	Suman Makkar	Department of Evening Studies	Studies in Indian Place names	2019 - 2020	2394-3114
The Impact of Foreign Direct Investment, Income, Network Size and Price on Mobile Penetration in India : An ARDL Approach& quot;	Suman Makkar	Department of Evening Studies	Studies in Indian Place names	2019 - 2020	2394-3114

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The Impact of Sustainability Reporting and Performance on Financial Performance of Listed Indian Companies	KanwalRoop Kaur and Avneet Kaur Puri and Dr. Rupinder Bir Kaur	University Business School	Studies in Indian Place Names	2019 - 2020	
Contemplating about the efficacy adolescent education program: Awareness concerning HIV AIDS among trained nodal teachers of Chandigarh	Shelly aggarwal and Dr. Dazy zarabi	Department of Community Education & Disability Studies	Studies in Indian place names (SIPN)	2019 - 2020	2394-3114
Effect of Duval's Semiotic Approach on Achievement in Mathematics in relation to gender	Manju Gera	University School of Open Learning	Studies in Indian Place names. 40(1):748-755(2020)	2019 - 2020	ISSN 2394-3114
Deras, Dalits Exclusion and Marginalization: A Reference of Dera Sacha Sauda From Punjab,	Surinder Singh	P.U. Rural Centre, Kauni, Muktsar	Studies in Indian Place Names—The Multidisciplinary Research Journal	2019 - 2020	2394-3114
Crime Against Women: Causes and Trends in Panchkula City	Dr. Kuldeep Singh	Centre for Police Administration	Studies in Indian Places Names	2019 - 2020	ISSN 2394-3114
Issues and Prospects of Organic Farming in India: An Economic Analysis	Tilak Raj	University Business School	Studies in Indian Places Names	2019 - 2020	2394-3114
Mammalian Target of Rapamycin (mTOR): An Emerging Drug Target for Neurological Disorders.	Yadav M, Dahiya M, Rawat N, Kumar A.	University Institute of Pharmaceutical Sciences	SunText Rev Neurosci Psychol 2020, 1(3): 120	2019 - 2020	2766-4503
Chamba ki pangwal janajati mein prayukta Pauranik lok gathaon ka sanskriti kavlokan	Shankar Lal	Department of Music	SwarsindhuA National peer reviewed Journal of Music	2019 - 2020	2319-9318
Punjabi cinema sangeet ka manav jeewan mein mahatwa	Amanpreet Kaur	Department of Music	SwarsindhuA National referred Journal of Music	2019 - 2020	ISSN 2320–7175(Online)
Sensing platform for pico-molar level detection of ethyl parathion using Au-Ag nanoclusters based enzymatic strategy	Deepika Sharma, Nishima Wangoo, Rohit K. Sharma	Department of Chemistry	Talanta 2020 (accepted) https://doi.org/10.1016/j.talanta.2020.121267	2019 - 2020	0039-9140
Ahmed Andim Qasmi aur Balwant Singh ke Afsano'n mein Punjabi Saqafat ka Taqbuli Mutale'a	Dr. Ali Abbas	Department of Urdu	Tasalsul	2019 - 2020	2348-277X
Correlation of Gandhiji with cleanliness drive and Swachh Bharat Mission	Mrs. Renu Gandhi	Department of Lifelong Learning & Extension	Technetium Social Sciences Journal	2019 - 2020	2668-7798
Load frequency control of multi area interconnected power system using differential evolution algorithm	damanjeet kaur	University Institute of Engineering & Technology	Technical Journal	2019 - 2020	1846-6168
Behavioural Intentions to Embrace Technology: An Empirical Investigation of Orientation towards Usage of M-payment Methods Vol.81(11-12), Pp 1361-71	Sharma S.K Pooja Chopra	University Institute of Applied Management Sciences	TEST Engineering & Management (2019)	2019 - 2020	0193-4120

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Psychological Factors Affecting Consumer’s Adoption of Health Apps for Enhanced Healthcare Management Vol.81(11-12), Pp 1372-1382	Prachi Verma, Satinder Kumar, Sharma S.K	University Institute of Applied Management Sciences	TEST Engineering & Management November- December (2019)	2019 - 2020	0193-4120
Psychological Factors Affecting Consumer’s Adoption of Health for Enhanced Healthcare Management. Pp 1372-1382	Prachi verma, Satindar kumar, Sanjeev K. Sharma	University Institute of Applied Management Sciences	TEST Engineering & Management	2019 - 2020	0193-4120
Behavioural Intentions to Embrace Technology: An Empirical Investigation of Orientation towards Usage of M-payment Methods. Pp: 1361-71	Pooja Chopra, Sharma S.K	University Institute of Applied Management Sciences	TEST Engineering & Management (2019) Vol.81(1)	2019 - 2020	0193-4120
Traffic Heterogeneity Aware Fuzzy Logic Based Clustering Protocol to Maximize the Lifetime of Wireless Sensor Networks	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	Test Engineering and Management	2019 - 2020	0193-4120
wearable textile antenna designs for multiband frequencies	HARVINDER KAUR	University Institute of Engineering & Technology	Test engineering and managment	2019 - 2020	ISSN: 0193-4120
Stereoselective synthesis and characterization of novel trans-4-(thiophenyl)pyrazolyl-β-lactams and their C–3 functionalization.	Preety Saini, S. S. Bari, Subash C. Sahoo, Sadhika Khullar, Sanjay K. Mandal. Aman Bhalla	Department of Chemistry	Tetrahedron	2019 - 2020	0040-4020
3-(Ethoxycarbonyl)-1-(5-methyl-5-(nitrosooxy)hexyl)pyridin-1-ium cation: A green alternative to tert-butyl nitrite for synthesis of nitro-group-containing arenes and drugs at room temperature	Natarajan, P., Chaudhary, R., Rani, N., Sakshi, Venugopalan, P.	Department of Chemistry	Tetrahedron Letters	2019 - 2020	0040-4039
Visible light-mediated, rose Bengal-catalyzed oxidative radical C[sbnd]H cyclization of alkyl1,1’-biaryl-2-ones: An efficient synthesis of 10-alkylphenanthren-9-ols in water	Natarajan, P., Kumar, N., Chaudhary, R., Venugopalan, P.	Department of Chemistry	Tetrahedron Letters	2019 - 2020	0040-4039
Inaugurating a National Dialogue	Ms. Janaki Srinivasan	Department of Political Science	The Book Review	2019 - 2020	--
Demonitization Impeded Indian Economic Growth- Test of Hawtrey’s Theory of Business Cycles	Nitin Arora, Sumanpreet Kaur and Ramandeep Kaur	Department of Economics	The Indian Journal of Industrial Relations: A Review of Economic and Social Development, 55(1), 1-14. Lead Paper	2019 - 2020	0019-5286
Political Parties and Empowerment: Ambedkar’s Journey from Independent Labour Party to Scheduled Castes Federation	Dr. Navjot	Department of Political Science	The Indian Journal of Political Science	2019 - 2020	ISSN-0019-5510

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Effect of bilingualism on hand writing : a preliminary forensic study of class cracterstics in english handwriting among the tamils .	Nitin Singh Mandla, Dr. Abhik Ghosh, Dr. Kewal Krishan	Department of Anthropology	The Indian Police	2019 - 2020	0537-2429
Methods of Crime Prevention: A Case Study of Panchkula City, Haryana	Dr. Kuldeep Singh	Centre for Police Administration	The Indian Police Journal	2019 - 2020	ISSN 0537-2429
Organizational Stress and Coping Strategies among Police Personnel: A Study of Chandigarh (U.T) Police	Dr. Kuldeep Singh	Centre for Police Administration	The Indian Police Journal	2019 - 2020	ISSN 0537-2429
Influence of graphene-enriched nanofluids and textured tool on machining behavior of Ti-6Al-4V alloy	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	The International Journal of Advanced Manufacturing Technology, volume 105, pages1685–1697, 2019	2019 - 2020	1433-3015
Influence of dry and solid lubricant-assisted MQL cooling conditions on the machinability of Inconel 718 alloy with textured tool,	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	The International Journal of Advanced Manufacturing Technology, Volume 105, pages1835–1849, 2019	2019 - 2020	1433-3015
Working Memory task performance among media multi taskers	H.K. Chhabra and Heena Parveen	Department of Psychology	The International Journal of Indian Psychology	2019 - 2020	2349-3429
Optimal resource allocation for SQ: A copmaritive case study in Pharmaceutical indusrty	Prof. Sanjay Kaushik &Harjit Kaur	University Business School	The IUP Journal of Applied Economics	2019 - 2020	0972-6861
Optimal Resource Allocation for SQM: A Comparative Case Study in Pharmaceutical Industry	Prof. Sanjay Kaushik and Harjit Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	The IUP Journal of Applied Economics (previously ICFAI), Vol. XVIII, No. 3, July 2019, pp. 59-79.	2019 - 2020	9726861
Does bancassurance improve the efficiency of banks? Evidence from Indian banks	Meena Sharma	University Business School	The IUP Journal of Bank Management	2019 - 2020	0972-6918
Perceived recourse and redress risk: Is it important in forming perception of satisfaction?	Purva Kansal	University Business School	The IUP Journal of Business Strategy	2019 - 2020	0972-9259
Molecular Dynamics Study of One-Base Deletion Duplexes Containing the Major DNA Adduct Formed by Ochratoxin A: Effects of Sequence Context and Adduct Ionization State on Lesion Site Structure and Mutagenicity	Preetleen Kathuria, Prebhleen Singh, Purshotam Sharma, Richard A. Manderville and Stacey D. Wetmore	Department of Chemistry	The Journal of Physical Chemistry B	2019 - 2020	1520-6106
Variant: Triggered Multiple-Based Probabilistic Valuation Model (VTMP) For Private Equity Investments	Dr. Manu Sharma	University Institute of Applied Management Sciences	The Journal of Private Equity	2019 - 2020	1096-5572

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Role of cholesterol homeostasis and its efflux pathways in cancer progression.	Prof. Navneet Agnihotri	Department of Biochemistry	The Journal of steroid biochemistry and molecular biology.	2019 - 2020	0960-0760 (Print) 1879-1220 (Electronic) 0960-0760 (Linking)
In vitro asymbiotic seed germination and seedling development in coelogyne fimbrata Lindl.	Anuprabha and Promila Pathak	Department of Botany	The Journal of The Orchid Society of India	2019 - 2020	0971-5371
Orchids of water catchment wildlife sanctuary, Shimla (Himachal Pradesh) Northwestern Himalayas: their diversity, status, indigenous uses and conservation status	Ankush prakash and Promila Pathak	Department of Botany	The Journal of The Orchid Society of India	2019 - 2020	0971-5371
Pollination biology of Orchids: An unexplored area of research in India	Ram Pal, D. R. Singh and Promila Pathak	Department of Botany	The Journal of The Orchid Society of India	2019 - 2020	0971-5371
Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017	Dr. Kewal Krishan	Department of Anthropology	The Lancet	2019 - 2020	0140-6736
Can we explicitly determine the structure of rational group algebras?	Gurmeet K. Bakshi	Department of Mathematics	The Mathematics Student	2019 - 2020	0025-5742
GABA and 5-HT Receptor Mediated Anxiolytic Effect of Essential Oil of Ferula sumbul Hook. Roots	Batra, Sonali; Kumar, Ashwani; Sharma, Anupam	University Institute of Pharmaceutical Sciences	The Natural Products Journal	2019 - 2020	2210-3155
Virtual reference service tools and apps: features of LibAnswers and tawk.to	Sinhababu, Atasi & Kumar, Shiv	Department of Library & Information Science	The Online Journal of Distance Education and e-Learning	2019 - 2020	2147-6454
ORCHIDS OF WATER CATCHMENT WILDLIFE SANCTUARY, SHIMLA (HIMACHAL PRADESH), NORTHWESTERN HIMALAYAS: THEIR DIVERSITY, STATUS, INDIGENOUS USES, AND CONSERVATION STATUS	Prof. Promila Pathak	Department of Botany	The orchid Society Of India (TOSI) 33: 65-77, 2019	2019 - 2020	ISSN 0971-5371
Proximal subungual onchomycosis of digitus minimus due to Aspergillus brasiliensis	Manjula Mehta, Jyoti Sharma, Sonia B Bhardwaj	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	The Pan African Med J	2019 - 2020	19378638
Remedial Programme in Fractions for Primary School Students	Dr. Rekha Rani	Institute Of Educational Technology & Vocational Education	The Primary Teacher (Printed in 2019 Mentioned On Page no. 2 in soft copy)	2019 - 2020	0970-9282
Construction and Validation of Entrepreneurship Attitude Orientation Scale	Kiranjeet Kaur & Prof. Latika Sharma	Department of Education	The Research Journal of Social Sciences, Vol 10, number 7, July 2019	2019 - 2020	ISSN 0025-1348(P), 2456-1356(O)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Drought and heat stress-related proteins: an update about their functional relevance in imparting stress tolerance in agricultural crops.	Prof. Harsh Nayyar	Department of Botany	Theoretical and Applied Genetics	2019 - 2020	ISSN:0040-5752 (print) 1432-2242 (web)
Police and Information & Communication Technology: An Analysis	Dr. Kuldeep Singh	Centre for Police Administration	THINK INDIA	2019 - 2020	ISSN 0971-1260
An Empirical Study of Electronic Payment System after Demonetization in India	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	THINK INDIA JOURNAL	2019 - 2020	0971-1260
Dams, Displacement and various Hazards	Dr. Rajneesh	P.U. Rural Centre, Kauni, Muktsar	Think India Journal	2019 - 2020	0971-1260
Effect of Mindfulness based intervention of mindfulness level of students	Shikha Gupta and Dr. Kuldeep Kaur	Department of Education	Think India Journal	2019 - 2020	0971-1260
Modernizing Traditions: Standardizing a Rural Heritage Craft The Panja Dari Makers of Punjab	S Sharma, M Gawri, P Brar	University Institute of Fashion Technology & Vocational Development	Think India Journal	2019 - 2020	0971-1260
Reactive Routing Protocols in MANETs: A Relative Analysis on delay and throughput	Kanwalpreet Singh Malhi	P.U. S.S. Giri Regional Centre, Hoshiarpur	THINK INDIA JOURNAL	2019 - 2020	0971-1260
Rise of the Phoenix: Revival of Rural Crafts	S Sharma, M Gawri, P Brar	University Institute of Fashion Technology & Vocational Development	Think India Journal	2019 - 2020	ISSN:0971-1260
The Best Practice of Sustainable Sanitation	Dr. Monica Munjial Singh, Mr. Sanjeev Kumar	Centre for Social Work	Think India Journal	2019 - 2020	ISSN 2348-6848
Tunable band gap of silicene nanoribbons- a review	Kanwalpreet Singh Malhi	P.U. S.S. Giri Regional Centre, Hoshiarpur	THINK INDIA JOURNAL	2019 - 2020	0971-1260
Newspaper Layout Segmentation: Getting the relevant Advertisements	Pooja Jain, Dr. Kavita Taneja, Dr. Harmunish Taneja	Department of Computer Science & Applications	Think India Journal (UGC Care approved)	2019 - 2020	0971-1260
Effect of Mindfulness based intervention on Mindfulness level of students	Dr. Kuldeep Kaur	Department of Education	Think India Journal,	2019 - 2020	ISSN 0971-1260
University Students' Future Career Options in Relation to their Entrepreneurial Attitude and Attitude Towards Self-Employment.	Manju Gera	University School of Open Learning	Think India Journal, Pp. 22(14). December-2019. 16879- 16885. at UGC CARE List.	2019 - 2020	ISSN:0971-1260
Measuring Structural Changes and Product Concentration of India's Gems and Jewellery Exports Since 1991	Meenu and Naina Goyal	Department of Economics	Think India Journal, Vol. 22, Issue. 14, December, 2019	2019 - 2020	0971-1260
Role of Gender in the Satisfaction Level of Restaurant Customers	Seema Vinayak and Nisha Kumari	Department of Psychology	Think Indian Journal	2019 - 2020	0971-1260
Determinants of Backpackers' Experience and Expenditure in Himachal Pradesh	Arun Singh Thakur	University Institute of Hotel and Tourism Management	Tourism Innovations	2019 - 2020	22788379
Indian Pilgrimage: Contemporary Hindu Travel Culture; Practices and Emerging IssuesTourism	Prashant Kumar Gautam	University Institute of Hotel and Tourism Management	Tourism Innovations	2019 - 2020	2278-8379

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Indian Pilgrimage: Contemporary Hindu Travel Culture;Practices and Emerging issues	Lipika K. Guliani	University Institute of Hotel and Tourism Management	Tourism Innovations	2019 - 2020	2278-8379
Role of TRPV1/TRPV3 channels in olanzapine-induced metabolic alteration: Possible involvement in hypothalamic energy-sensing, appetite regulation, inflammation and mesolimbic pathway	Singh R, Bansal Y, Sodhi RK, Khare P, Bishnoi M, Kondepudi K, Medhi B, Kuhad A.	University Institute of Pharmaceutical Sciences	Toxicology and Applied Pharmacology	2019 - 2020	0041-008X.
Critical role of mitochondrial oxidative stress in acid aspiration induced ALI in mice.	Prof. Amarjit Singh Naura	Department of Biochemistry	Toxicology Mechanisms and Methods	2019 - 2020	ISSN :1537-6524
Encapsulation of NPK Fertilizer for Slow Release Using Sodium Carboxymethyl Cellulose-g-Poly (AA-co-AM-co-AMPS)/ Montmorillonite clay-based Nanocomposite Hydrogels for Sustainable Agricultural Applications	Dheeraj Ahuja, Ashish Singh Rainu, Mandeep Singh, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Trends in Carbohydrate Research	2019 - 2020	9750304
Phytase producing lactic acid Bacteria: Cell factories for enhancing micronutrient bioavailability of phytate rich foods	Neha Sharma, Steffy Angural, Monika Rana, Neena Puri, Kanthi Kiran Kondepudi, Naveen Gupta	Department of Microbiology	Trends in Food Science and Technology	2019 - 2020	0924-2244
Exploration of graphene assisted vegetables oil based minimum quantity lubrication for surface grinding of Ti-6Al-4V-ELI	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Tribology International, Volume 144, April 2020, 106113	2019 - 2020	0301-679X
Wear behavior of textured tools under graphene-assisted minimum quantity lubrication system in machining Ti-6Al-4V alloy	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Tribology International, Volume 145, May 2020, 106183.	2019 - 2020	0301-679X
Evaluating the role of phenology in managing urban invasions: A case study of Broussonetia papyrifera	I. Maan, A. Kaur, H.P. Singh, D.R. Batish and R.K.Kohli	Department of Botany	Urban Forestry & Urban Greening	2019 - 2020	16188667
Dutta Triya Kaifi ke sheri Mahasin	Dr. Ali Abbas	Department of Urdu	Urdu Duniya	2019 - 2020	2249-0639
Urdu ka Pahla Nasri Safarnama	Dr. Ali Abbas	Department of Urdu	Urdu Duniya	2019 - 2020	2249-0639
A novel near white light emitting phosphor KSrYSi2O7:Dy3+: Synthesis, characterization and luminescence properties	Vishal Sharma	Institute of Forensic Science & Criminology	Vacuum	2019 - 2020	0042207X, 18792715
Applications and advances in coordination cages: Metal-Organic Frameworks	Abhishek Katoch, Navdeep Goyal, Sanjeev Gautam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2019 - 2020	0042-207 X
Magnetic metamorphosis of structurally enriched sol-gel derived SnO2 nanoparticles	Monika Duhan, Harminder Kaur, Richa Bhardwaj, Naveen Kumar, Sanjeev Kumar, Anita Gupta, Sanjeev Gaut	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2019 - 2020	0042-207 X

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Vibrational and thermodynamic properties of pure and gold adsorbed graphene.	Shuchi Gupta	University Institute of Engineering & Technology	Vacuum	2019 - 2020	0042207X, 18792715
XANES spectroscopic studies at L3 edge of 79Au in its various chemical forms	Heena Duggal, Parasmani Rajput, Igor Alperovich, Tatyana Asanova, Devinder Mehta, SN Jha, Sanjeev Ga	Department of Physics	Vacuum	2019 - 2020	0042-207X
The Progressive Interpretation Of Law Of Adultery By The Court..... Jan-March 2019, Issue 29 Vol. 1	Virender Negi	University Institute of Legal Studies	Vidyawarta	2019 - 2020	ISSN 2319-9318
Constitutionality of section 124-A.IPC	Dr.Vinay Sharma and Dr.Pooja Sood	P.U. S.S. Giri Regional Centre, Hoshiarpur	VIDYAWARTA International Multilingual Referred Research Journal	2019 - 2020	2319-9318
Democratic Decentralization in India, Volume-7 Issue-21 (Jan-Mar 2018)	Virender Negi	University Institute of Legal Studies	Vidyawarta J	2019 - 2020	ISSN: 23199318
OFFENCES RELATING TO MARRIAGE	VINAY SHARMA	P.U. S.S. Giri Regional Centre, Hoshiarpur	VIDYAWATA INTERNATIONAL MULTILINGUAL RESEARCH JOURNAL	2019 - 2020	ISSN-2319-9318
A potent enzybiotic against methicillin-resistant Staphylococcus aureus	Jasjeet kaur, Prashant singh, Deepak Sharma D, Kusum Harjai , Sanjay Chhibber	Department of Microbiology	Virus genes	2019 - 2020	0920-8569
Brand Positioning Using Multidimensional Scaling Technique: An Application to Herbal Healthcare Brands in Indian Market	Sanjeev K. Sharma	University Institute of Applied Management Sciences	Vision	2019 - 2020	9722629
Impact of CEO overconfidence on firm performance: An evidence from S&P BSE 200	Hardeep Singh Mundi & Parmjit Kaur	University Business School	Vision	2019 - 2020	0972-2629
Eliminating Gaussian image noise.	Agrawal, S.	University Institute of Engineering & Technology	VISION SYSTEM DESIGN	2019 - 2020	1947-8186
A Puff of Smoke, a Hole in the Pocket, Fissure in the Lungs and Profit in Millions	Manoj Anand and Jagandeep Singh	University Institute of Applied Management Sciences	Vision: The Journal of Business Perspective	2019 - 2020	0972-2629
Impact of ICT on teaching –learning process in professional courses	Prof. Ashwani Kumar Sharma	Department of Community Education & Disability Studies	VL Media Solution New Delhi	2019 - 2020	
Impaired Reviewing the U K Equality Act 2010 fro a better vision in India	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	Vol 22 Issue 10	2019 - 2020	0971-1260
Analysing the Applicability of Capital Asset Pricing Model: A Study of Infrastructure Companies in India	sunita, Meena sharma	University Business School	Wesleyan Journal of Research	2019 - 2020	0975-1386
Augmenting Network Lifetime for Heterogeneous WSN assisted IoT using Mobile Agent	Sukhvinder Singh Bamber	P.U. S.S. Giri Regional Centre, Hoshiarpur	Wireless Networks	2019 - 2020	1022-0038

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A Solar Energy Forecast Model Using Neural Networks: Application for Prediction of Power for Wireless Sensor Networks in Precision Agriculture	Madhu, C., Kaur, D.	University Institute of Engineering & Technology	Wireless Pers Commun	2019 - 2020	0929-6212
Transmission of Audio over LTE Packet Based Wireless Networks Using Wavelets.	Singh, S.,	University Institute of Engineering & Technology	Wireless Pers Commun	2019 - 2020	0929-6212
Identification of Single and Multiple Ocular Peaks in EEG Signal Using Adaptive Thresholding Technique	Amandeep Bisht, Preeti Singh	University Institute of Engineering & Technology	Wireless Personal Communication	2019 - 2020	0929-6212
MLMAC-HEAP: A Multi-Layer MAC Protocol for Wireless Sensor Networks Powered by Ambient Energy Harvesting	Aarti Kochhar, Pardeep Kaur, Preeti Singh, B. S. Sohi	University Institute of Engineering & Technology	Wireless Personal Communications	2019 - 2020	0929-6212
A Novel Ensemble Method for PTB Classification in CXRs	Rahul Hooda, Ajay Mittal, Sanjeev Sofat	University Institute of Engineering & Technology	Wireless Personal Communications	2019 - 2020	1572834X, 09296212
Filter Bank Multicarrier Modulation Techniques for Visible Light Communications.	Sanjeev Kumar, Preeti Singh	University Institute of Engineering & Technology	Wireless Personal Communications	2019 - 2020	0929-6212
Adaptive MAC Protocol for Solar Energy Harvesting Based Wireless Sensor Networks in Agriculture,	Pardeep Kaur, Preeti Singh & Balwinder Singh Sohi	University Institute of Engineering & Technology	Wireless Personal Communications,	2019 - 2020	0929-6212
A Review on Precision Agriculture Using Wireless Sensor Networks Incorporating Energy Forecast Techniques	Madhu, Charu & Kaur, Daljeet	University Institute of Engineering & Technology	Wireless Personal Communications.	2019 - 2020	0929-6212
The Changing Narratives of Security Discourse; from State Security to Human Security in South Asia	Sujit	P.U. Regional Centre, Muktsar	World Affairs	2019 - 2020	NA
Changing Narrative of Security Discourse: From State Security to Human Security in South Asia	SUJIT LAHIRY	P.U. Regional Centre, Muktsar	World Affairs – Sage Publications Vol. 183, No. 2	2019 - 2020	0043-8200
Optimization of machining parameters under MQL turning of Ti-6Al-4V alloy with textured tool using multi-attribute decision-making methods	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	World Journal of Engineering , Volume 16 Issue 5, pp. 648-659, 2019.	2019 - 2020	1708-5284
Biocontrol potential of chitinases produced by newly isolated Chitinophaga sp. S167	Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	World Journal of Microbiology and Biotechnology	2019 - 2020	1573-0972
Virgicin, a novel lanthipeptide from Virgibacillus sp. strain AK90 exhibits inhibitory activity against Gram-positive bacteria	Dr. Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	World Journal of Microbiology and Biotechnology	2019 - 2020	0959-3993
The State and Accumulation under Contemporary Capitalism	Dr. Paramjit Singh	Department of Economics	World Review of Political Economy, Vol.11, No.1.	2019 - 2020	2042-891x
Quantitative determination of macro and micro element content of fresh and processed bamboo shoots by Wavelength Dispersive X-ray Fluorescence Spectrometry	Bajwa H.R., Santosh O., Koul A., Bisht M.S. and Nirmala C.	Department of Botany	X-ray Spectrometry.	2019 - 2020	ISSN: 1097-4539

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Phylogenetic relationships in the cricket tribe Xenogryllini (Orthoptera, Gryllidae, Eneopterinae) and description of the Indian genus Indigryllus gen. nov.	Dr. Ranjana Jaiswara	Department of Zoology	Zoological systematics and evolutionary research	2019 - 2020	ISSN / eISSN: 0947-5745 / 1439-0469
‘प्रतिमान ’ titled as ‘ विज्ञान , विज्ञान –शिक्षा और समानता : दार्शनिक बहसों के हवाले से कुछ प्रश्न	Lallan Singh Baghel	Department of Philosophy	विज्ञान , विज्ञान –शिक्षा और समानता : दार्शनिक बहसों के हवाले से कुछ प्रश्न	2019 - 2020	ISSN:2320-8201
Click-Derived Uracil-Appended Organosilatranyl Scaffolds: Synthesis, Antibacterial Characteristics, Pb2+ Binding and Fabrication of Hybrid Silica Nanoparticles	Gurjaspreet Singh, Geetika Sharma et al	Department of Chemistry		2019 - 2020	
Regioselective synthesis of 1,2,4-trisubstituted imidazole from a mechanistic and synthetic prospective	Suman Punia, Vikas Verma, Devinder Kumar, Gurjaspreet Singh and Subash C. Sahoo	Department of Chemistry		2019 - 2020	
Power of the Collective: Dait Assertion for Shamlat Land in Punjab in Annual State of India’s Environment, Down to Earth, New Delhi,2019	Prof. Pampa Mukherjee	Department of Political Science		2018 - 2019	Aug-19
Co(II)-based Metal-Organic Frameworks and Their Application in Gas Sorption and Solvatochromism	Kirandeep, A. Husain, A. K. Kharwar, R. Kataria, and Girijesh Kumar*	Department of Chemistry	Crystal growth and design, 2019, 19, 1640–1648	2018 - 2019	1528-7483
First measurement of Ξ 0c production in pp collisions at $\sqrt{s}$ = 7 TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	 Phys. Lett. B 781, 8 (2018).	2018 - 2019	2179849
Inclusive J/ψ production in Xe–Xe collisions at $\sqrt{s_{NN}}$ = 5.44 TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	 Phys. Lett. B 785, 419 (2018).	2018 - 2019	2179849
Collision Energy Dependence of Moments of Net-Kaon Multiplicity Distributions at RHIC	Kumar, L. (STAR Collaboration)	Department of Physics	 Phys. Lett. B 785, 551 (2018).	2018 - 2019	2179849
Dielectron and heavy-quark production in inelastic and high-multiplicity proton–proton collisions at $\sqrt{s_{NN}}$ = 13 TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	 Phys. Lett. B 788, 505 (2019).	2018 - 2019	2179849
Constraining the initial conditions and temperature dependent viscosity with three-particle correlations in Au+Au collisions	Kumar, L. (STAR Collaboration)	Department of Physics	 Phys. Lett. B 790, 81 (2019) 	2018 - 2019	2179849
Identification of epitopes for vaccine design against Crimean-Congo Haemorrhagic fever virus (CCHFV): An immuno-informatics approach.	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	"International Journal of Research and Analytical Reviews"	2018 - 2019	2348 –1269

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Interstate Variations in the Development of the Services Sector on the Eve of Economic Reforms	Shergill, Amrita	Department of Economics	'International Journal of Social Science and Economic Research, 04(1): 1-646 (January 2019)	2018 - 2019	ISSN: 2455-8834
Quality Assessment Models for Open source Projects Hosted o Modern Web-Base Forges: A Review	10. Jaswinder Singh, Anu Gupta and Preet Kanwal	Department of Computer Science & Applications	“Quality Assessment Models for Open source Projects Hosted o Modern Web-Base Forges: A Review	2018 - 2019	978-981-15-1383-1
Synthesis and characterization of etidronic acid (ETD) grafted nano sheets of hydroxyapatite	Lokesh Kumar, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	• Clinical Cases in Mineral and Bone Metabolism	2018 - 2019	17248914
Development of Low Cost Wireless Surface EMG acquisition System	Poonam Kumari, Dr. J.S. Shahi, Dr. Neelesh Kumar	University Centre of Instrumentation and Micro-Electronics	13th Chandigarh Science Congress “SCIENCE AND TECHNOLOGY FOR NEW INDIA, Panjab University, Chandigarh	2018 - 2019	
Food Preferences of the Students in GNA University, District Kapurthala, Punjab, India	Dr. Arun Singh Thakur	University Institute of Hotel and Tourism Management	2nd International Conference on Hospitality and Tourism ICOHOST - 2019	2018 - 2019	2348 –1269
Delivery of docetaxel to brain employing piperine-tagged PLGA-aspartic acid polymeric micelles: improved cytotoxic and pharmacokinetic profiles	Singh, A., Thotakura, N., Singh, A., Singh, B., Lohan, S., Negi, P., Chitkarta, D. & Raza, K.	University Institute of Pharmaceutical Sciences	AAPS PharmSciTech	2018 - 2019	1530-9932
Effective Topical Delivery of H-AgNPs for Eradication of Klebsiella pneumoniae?Induced Burn Wound Infection.	Chhibber, S., Gondil, V. S., Singla, L., Kumar, M., Chhibber, T., Sharma, G., Sharma, R. K., Wangoo, N. & Katare, O. P.	University Institute of Pharmaceutical Sciences	AAPS PharmSciTech	2018 - 2019	1530-9932
Fullerenol-Based Intracellular Delivery of Methotrexate: A Water-Soluble Nanoconjugate for Enhanced Cytotoxicity and Improved Pharmacokinetics	Bahuguna, S., Kumar, M., Sharma, G., Kumar, R., Singh, B. & Raza, K.	University Institute of Pharmaceutical Sciences	AAPS PharmSciTech	2018 - 2019	15309932
Oral Delivery of Methylthioadenosine to the Brain Employing Solid Lipid Nanoparticles: Pharmacokinetic, Behavioral, and Histopathological Evidences	Kumar P, Sharma G,Gupta V, Kaur R, Thakur K, Malik R, Kaushal N, Katare OP, Raza K,	Department of Biophysics	AAPS PharmSciTech	2018 - 2019	ISSN 15309932
Systematically Optimized Imiquimod-Loaded Novel Hybrid Vesicles by Employing Design of Experiment (DoE) Approach with Improved Biocompatibility, Stability, and Dermatokinetic Profile.	Sharma, M., Sharma, G., Singh, B. & Katare, O. P.	University Institute of Pharmaceutical Sciences	AAPS PharmSciTech	2018 - 2019	1530-9932

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Beta Carotene-Encapsulated Soild Lipid NanoParticle (BC-SLNs) as Promising Vehicle for Cancer: anInvestigative Assesment	Ashay Jain Gajanand Sharma, Gargi Ghoshal Bhupinder Singh, U.S. Shivhare, O.P. Katare	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	AAPS-Pharmasci-Tech	2018 - 2019	1530-9932
(1) U Turn, (2) Bedag Dag (Stories)	Prof. Pankaj Malviya	Department of Russian	Abhinav Imroz, New Delhi	2018 - 2019	2321-1105
Etiquette (Story)	Prof. Pankaj Malviya	Department of Russian	Abhinav Imroz, New Delhi	2018 - 2019	2321-1105
The Punjab and 1857: A Critical Perspective	Mritunjay Kumar Ajeet Kumar	A C Joshi Library	Academic Discourse	2018 - 2019	P-ISSN: 2278-3296, E-ISSN: 2349-4441
High performance fluorescent turn-on probe for Amitriptyline based on hybrid nanoassembly of organic-inorganic nanoparticles.	Saini, A., Kaur, R., Singh, N, Kuwar, A., Kaur, N.	Department of Chemistry	ACS Applied Bio Materials	2018 - 2019	2576-6422
Polydentate Aromatic Nanoparticles Complexed with Cu2+ for the Detection of Cysteamine Using a Smartphone as a Portable Diagnostic Tool	Singh, G., Bains, D., Singh, H., Kaur, N., Singh, N.	Department of Chemistry	ACS Applied Nano Material	2018 - 2019	2574-0970
Lysine-based C60-fullerene nanoconjugates for monomethyl fumarate delivery: A novel nanomedicine for brain cancer cells	Kumar, M., Sharma, G., Kumar, R., Singh, B., Katare, O. P. & Raza, K.	University Institute of Pharmaceutical Sciences	ACS Biomaterials Science & Engineering	2018 - 2019	23739878
Protein nanoparticles: promising platforms for drug delivery applications	A Jain, SK Singh, SK Arya, SC Kundu, S Kapoorrials Science & Engineering	University Institute of Engineering & Technology	ACS Biomaterials Science & Engineering	2018 - 2019	23739878
Engineering Lignin Stabilized Bimetallic Nanocomplexes: Structure, Mechanistic Elucidation, Antioxidant and Antimicrobial Potential	Sanjam Chandna, Neeraj Singh Thakur, Yeddula Nikhileshwar Reddy, Ravneet Kaur, Jayeeta Bhaumik	Department of Microbial Biotechnology	ACS Biomaterials Science and Engineering	2018 - 2019	2373-9878
Peptide Functionalized Metallic Nanoconstructs: Synthesis, Structural Characterization, and Antimicrobial Evaluation	S. Manish Bajaj, Satish K. Pandey, Nishima Wangoo, and Rohit K. Sharma	Department of Chemistry	ACS Biomaterials Science and Engineering 2018, 4, 739-747	2018 - 2019	2373-9878
Preclinical Explorative Assessment of Dimethyl Fumarate-Based Biocompatible Nanolipoidal Carriers for the Management of Multiple Sclerosis	Kumar, P., Sharma, G., Gupta, V., Kaur, R., Thakur, K., Malik, R, Kumar, A., Kaushal, N. & Raza, K	University Institute of Pharmaceutical Sciences	ACS Chemical Neuroscience	2018 - 2019	19487193
C-terminal fragment, Aβ39-42- based tetrapeptides mitigates amyloid-β aggregation-induced toxicity	S Bansal, IK Maurya, N Yadav, CK Thota, V Kumar, K Tikoo, VS Chauhan, R Jain	Department of Microbial Biotechnology	ACS omega	2018 - 2019	2470-1343

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Gas-phase stereoinversion in Aspartic acid: Reaction pathways, computational spectroscopic analysis and its astrophysical relevance	Ramanpreet Kaur, Namrata Rani and Vikas	Department of Chemistry	ACS Omega	2018 - 2019	2470-1343
Green Nanotechnology-Driven Drug Delivery Assemblies	Rohini Kanwar, Jyoti Rathee, Deepak B. Salunke, and Surinder K. Mehta	Department of Chemistry	ACS Omega	2018 - 2019	2470-1343
Synthesis and Evaluation of Antiplasmodial Efficacy of β -Carboline Derivatives against Murine Malaria	Gorki, V.; Singh, R.; Walter, N. S.; Bagai, U.;* Salunke, D. B.	Department of Chemistry	ACS Omega	2018 - 2019	13200-13210
Development of biological self-cleaning wound-dressing guaze for the treatment of bacterial infection	Bains, D., Singh, G., Kaur, N., Singh, N.	Department of Chemistry	ACS Sustainable Chemistry and Engineering,	2018 - 2019	2168-0485
SHELL-MODEL DESCRIPTION IN 99Rh AND SYSTEMATICS OF ODD-A Rh ISOTOPES	Sourab Kumar, S Sihotra, V Singh, J Rather, M Kaur, J Goswamy, N Singh, D Mehta, T Trivedi, RP Singh	Department of Physics	Acta Physica Polonica B	2018 - 2019	0587-4254
Fission Dynamics of 192, 202, 206, 210Po Compound Nuclei by Neutron Multiplicity Measurements	R.Mahajan, B.R.Behera, M.Thakur, G.Ka P.Sharma, K.Kapoor, Ashok Kumar, A.Jhingan, A.Chatterjee	Department of Physics	ACTA PHYSICA POLONICA B	2018 - 2019	1509-5770
FISSION DYNAMICS STUDIES OF NEAR SUPER-HEAVY COMPOUND NUCLEUS 256Rf	M.Thakur, B.R.Behera, R.Mahajan, N.Saneesh, G.Kaur, P.Sharma, R.Dubey, K.Kapoor, A.Yadav, N.Kumar	Department of Physics	ACTA PHYSICA POLONICA B	2018 - 2019	1509-5770
Quasi-elastic Scattering in the 48Ti+232Th Reaction	G.Kaur, B.R.Behera, A.Jhingan, R.Dubey, T.Banerjee, M.Thakur, R.Mahajan, P.Sharma, Khushboo	Department of Physics	ACTA PHYSICA POLONICA B	2018 - 2019	1509-5770
QSAR - Based Molecular Signatures of Lantadenes Underlying Anticancer Potency Against A549 Cell Lines	Monika, Dhingra R, Gupta A, Koul A, Sharma M & Dhingra N.	Department of Biophysics	Acta Scientific Pharmaceutical Sciences	2018 - 2019	(ISSN: 2581-5423)
QSAR - Based Molecular Signatures of Lantadenes Underlying Anticancer Potency Against A549 Cell Lines, Acta scientific pharmaceutical sciences	Monika, Richa Dhingra, Ankit Gupta, Ashwani kaul, Manu Sharma and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Acta scientific pharmaceutical sciences	2018 - 2019	2581-5423
Silver dopant-induced effect on structural and optoelectronic properties of CdSe thin films	Kaur, J., Kaur, R. & Tripathi, S.K.	Department of Physics	ActaMetallurgicaSinica	2018 - 2019	1006-7191
Bhakatkal ki parmukh Bhakat-Padhitia	Dr.Pradeep Rai	P.U. Rural Centre, Kauni, Muktsar	AD VALOREM	2018 - 2019	ISSN:2348-5485

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Information System and Rural Development with Special Reference to E-Governance	Dr. A Kumar	University School of Open Learning	AD VALOREM Journal of Law	2018 - 2019	2348-5485
Understanding Primary Education in Punjab: An Analysis.	Dr. Rajni	University School of Open Learning	AD VALOREM Journal of Law,	2018 - 2019	23485485
MIR Taqi Mir ki ek Ghazal ki do Qiraten	Dr. Ali Abbas	Department of Urdu	Adab-o-Saqafat	2018 - 2019	2455.0248
Samkalin hindi gajal	Dr. Ashok Kumar	Department of Hindi	Adhunik Hindi Ghazal Samooohik Samvegon Ka Aakhyan	2018 - 2019	978-93-84569-80-8
The Rules of Death Penalty and Clemency in India: A Step of Emotional Intelligence to Protect Human Rights of the Accused – An Analysis	Prof. Supinder Kaur	Department of Laws	ADVALOREM, Journal of Law, An International Peer Reviewed Research Refereed	2018 - 2019	23485485
Spectral Tuning of High Order Plasmonic Resonances in Multimodal Film-Coupled Crystalline Cavities	Jadab Sharma	Centre for Nanoscience and Nanotechnology	Advanced Optical Materials	2018 - 2019	2195-1071
Regioselective Synthesis of Angular Isocoumarinselenazoles: A Benzoselenazole-directed, Site-specific, Ruthenium-catalyzed C (sp ²)-H Activation	Dhole, S.; Liao, J. Y.; Kumar, S.; Salunke, D. B.; Sun, C. M.	Department of Chemistry	Advanced Synthesis & Catalysis	2018 - 2019	942-950
Emerging mall culture and shopping behavior of young consumers	Bawa, R. Sinha ,A. K & Kant, R.	Department of Anthropology	Advances in Anthropology	2018 - 2019	ISSN Online: 2163-9361 ISSN Print: 2163-9353
Emerging Mall Culture and Shopping Behaviour of Young Consumers	Dr Rita Kant	University Institute of Fashion Technology & Vocational Development	Advances in Anthropology	2018 - 2019	ISSN: 2163-9353
Morphological and molecular characterization of an anoplocephaline cestode, <i>Moniezia expansa</i> Rudolphi, 1810 infecting <i>Capra hircus</i> in Chandigarh (India).	H.Kaur, Priyanka, A.Gupta	Department of Zoology	Advances in Applied Research, 10(2):1-10, UGC Approved Journal by PPSGR Krishnammal College for Women, Coimbatore, Tamilnadu	2018 - 2019	Print ISSN : 0974-3839. Online ISSN : 2349-2104.
Morphological and molecular characterization of <i>Paramphistomum epiclitum</i> (Platyhelminthes: Paramphistominae) infecting rumen of <i>Capra hircus</i> in Chandigarh (India).	H.Kaur, K.Chhikara, A.Gupta	Department of Zoology	Advances in Applied Research, 10(2):1-10, UGC Approved Journal by PPSGR Krishnammal College for Women, Coimbatore, Tamilnadu	2018 - 2019	Print ISSN : 0974-3839. Online ISSN : 2349-2104

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Morphological and molecular characterization of Gastrothylax crumenifer (Platyhelminthes: Gastrothylacidae) infecting rumen of Capra hircus in Chandigarh (India).	H.Kaur, Komal, A.Gupta	Department of Zoology	Advances in Applied Research,, UGC Approved Journal by PPSGR Krishnammal College for Women, Coimbatore, Tamilna	2018 - 2019	Print ISSN : 0974-3839. Online ISSN : 2349-2104
Phospholipases in bacterial virulence and pathogenesis	Bandana Kumari, Jashandeep Kaur, Jagdeep Kaur	Department of Biotechnology	Advances in Biotechnology and Microbiology	2018 - 2019	2474-7637
Alternative approaches for the control of leishmaniasis- a review	J. Joshi and S. Kaur.	Department of Zoology	Advances in Medico-veterinary Parasitology 41-78(2018)	2018 - 2019	1-78(2018)
Layers dependent properties of magnesium phthalocyanine thin films prepared by Langmuir Blodgett method.	Jain, S., Ridhi, R., Soleimanioun, N., Bharti, S., Bhullar, G. K. & Tripathi, S.K.	Department of Physics	AIP Conference Proceeding	2018 - 2019	1551-7616
Optical study of MoSe2-poly(methyl methacrylate) polymer nanocomposites).	Kaur, R., Arora, A., Sharma, K., Singh, K.P. & Tripathi, S.K.	Department of Physics	AIP Conference Proceedings	2018 - 2019	1551-7616
Plasmon enhanced performance of fullerene based small molecule organic solar cell with Au nanoparticles AIPCP 2093: 020042 (2019).	Sachdeva, S., Singh, D. & Tripathi, S.K.	Department of Physics	AIP Conference Proceedings	2018 - 2019	1551-7616
Study of CH3NH3PbI3 as an active layer of organo-metal halide perovskite solar cells	Sharma, S., Soleimanioun, N., Rani, M. & Tripathi, S.K.	Department of Physics	AIP Conference Proceedings	2018 - 2019	1551-7616
Detection of Gold Nanoparticles Signal inside Wheat (Triticum aestivum L) and Oats (Avena sativa L.) Seedlings.	Prof. Harsh Nayyar	Department of Botany	AIP Conference Proceedings	2018 - 2019	ISSN: 1551-7616
Ek Purani Beyaz mein likha hua Qissa	Dr. Ali Abbas	Department of Urdu	Aiwan-e-Urdu	2018 - 2019	2321-2888
Adhunik Hindi Rangmanch: Ek Addhayan	Dr. Navdeep Kaur	Department of Indian Theatre	AJANTA	2018 - 2019	2277-5730
Natak: Parbhasha, Parkaar	Dr. Navdeep Kaur	Department of Indian Theatre	AJANTA	2018 - 2019	2277-5730
Sustainable Development Goals and Role of Media	Dr. Navdeep Kaur	Department of Indian Theatre	AJANTA	2018 - 2019	2277-5730
Dr. Op Parkash Vashisht di Kosh-Vigyanik Dristi	Dr. Akwinder Kaur Tanvi	School of Punjabi Studies	Ajoke Shilalekh	2018 - 2019	2348-2664
Uttar Adhunikwadi kitho aunda han (TR)	Simrit kahlon	Department of Geography	Alochana	2018 - 2019	
Dev di Kavita : Maha Birtanta de Bharna da Visphot	Prof. Yog Raj	School of Punjabi Studies	Alochana, July-December	2018 - 2019	0569-1184
Advanced Spatially Specific Neurofeedback for Symptoms of Depression and its EEG correlates	Kaur C, Singh P, Sahni S and Punia C	University Institute of Engineering & Technology	Alternative Therapies in Health and Medicine	2018 - 2019	1078-6791
A Compartative Analysis of Flow State among Open Skill Athletes: A Predictor of Sports Performance	Prof. Dalwinder Singh	Department of Physical Education	American International Journal of Research in Humanities, Arts and Social Sciences	2018 - 2019	2148-1148

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Construction and standardization of self perception scale in mathematics.	Mehar, R.,& Sanwal, N.	University School of Open Learning	American International Journal of Research in Humanities, Arts and Social Sciences	2018 - 2019	Print ISSN: 2328-3734, E-ISSN: 2328-3696.
Immersion in New Media: Changing Urban Family Communication,	Navneet Arora	University Institute of Legal Studies	American international journal of Research in Humanities, arts and Social Sciences,	2018 - 2019	ISSN: 2328-3734, 2328-3696
Organic Farming in India: An Alternative Agricultural System	Smita Bhutani	Department of Geography	Amity Journal of Agribusiness	2018 - 2019	
Understanding purchase intention for global brands among young Indian consumers	Bedi, M. (Chopra, P. & Kaur, K.)	University Business School	Amity Journal of Marketing	2018 - 2019	Vol. 3, Issue 1, pp. 112-122
An assessment of impact of supply chain management practices on operational performance in micro, small and medium enterprises (MSMEs) in India	Bedi, M. (Kaur, K.)	University Business School	Amity Journal of Operations Management	2018 - 2019	Vol. 3, Issue 1, pp. 26-33
The effect of emotional labour on organisational commitment: An empirical evidence in Indian banking sector	Bedi, M. (Mehra, R.)	University Business School	Amity Journal of Training and Development	2018 - 2019	Vol. 3, Issue 1, pp. 12-21
Cave Tourism – A study on Potential of Pandav Leni Cave in Maharashtra, Amity Research Journal of Tourism	Prashant Kumar Gautam	University Institute of Hotel and Tourism Management	Amity Research Journal of Tourism, Aviation and Hospitality	2018 - 2019	2456-0308
Mental Health of Teacher Trainers of Mewat District (Haryana):A Case Study	Mr. Dalel Singh and Dr. Navleen Kaur	Department of Community Education & Disability Studies	An International Journal of Research and Analytical Reviews	2018 - 2019	2349-5138
Casual Relationship between GDS and GDI in India: An ARDL Approach	Suman Makkar	Department of Evening Studies	An International multi disciplinary quarterly Research Journal	2018 - 2019	2277-5730
Linkage between Environment and economic development with special emphasis on causality between poverty and environment	Suman Makkar	Department of Evening Studies	An International Multi Disciplinary Quarterly Research Journal, Ajanta, Vol. 8, Issue 1 – January – March, 2019, ISSN No. 2277-5730, Journal No. 40776,	2018 - 2019	2277-5730

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Comparison of Soccer Skill Performance among North Indian Soccer Players	Prof. Dalwinder Singh	Department of Physical Education	An International Multidisciplinary Quarterly Research Journal	2018 - 2019	ISSN Number: 2277-5730
Linkage between Environment and Economic Development with Special Emphasis on Causality between Poverty and Environment.	Dr Simran Kaur	Department of Evening Studies	An International Multidisciplinary Quarterly Research Journal AJANTA	2018 - 2019	2277-5730
Porcupine gnaws marks on a Late Pliocene bone from the Upper Siwaliks exposed near Village Khetpurali (Haryana, India).	Kaur, J. Patnaik, R. Singh, B& Krishan, K.	Department of Anthropology	Anais da Academia Brasileira de Ciências. Annals of the Brazilian Academy of Sciences)	2018 - 2019	Printed version ISSN 0001-3765 / Online version ISSN 1678-2690
Flexible plasmonic graphene oxide/heterostructures for dual-channel detection	Shweta Sharma	Institute of Forensic Science & Criminology	Analyst	2018 - 2019	0003-2654
A highly selective naphthalimide-based ratiometric fluorescent probe for the recognition of tyrosinase and cellular imaging	Sidhu J. S., Singh A., Garg N., Kaur N., Singh N.	Department of Chemistry	Analyst, 2018, 143, 4476	2018 - 2019	1364-5528
Highly selective and sensitive fluorescence sensing of nanomolar Zn2+ ions in aqueous medium using Calix[4]arene passivated Carbon Quantum Dots based on fluorescence enhancement: Real-time monitoring and intracellular investigation	Kaur, H.; Raj, P.; Sharma, H.; Verma, M.; Singh, N.; Kaur, N	Department of Chemistry	Analytica Chimica Acta	2018 - 2019	0003-2670
On the spectroscopic examination of printed documents by using a field emission scanning electron microscope with energy-dispersive X-ray spectroscopy (FE-SEM-EDS) and chemometric methods: application in forensic science	Vishal Sharma	Institute of Forensic Science & Criminology	Analytical and bioanalytical chemistry	2018 - 2019	1618-2642 (print); 1618-2650 (web)
Analytical QbD-Integrated Method Development and Validation of Silver Sulphadiazine in Pure Drug and Topical Nanocarrier(s)	Thakur, K., Sharma, G., Singh, B., Chhibber, S. & Katare, O. P.	University Institute of Pharmaceutical Sciences	Analytical Chemistry Letters	2018 - 2019	2229-7928
Development and validation of high-performance liquid chromatographic method for estimation of olmesartan medoxomil in rat lymph.	Beg, S., Panda, S. S. & Singh, B.	University Institute of Pharmaceutical Sciences	Analytical Chemistry Letters	2018 - 2019	2229-7928
Graphene Oxide as Proficient adsorbent for the Removal of Harmful pesticides: Comprehensive Experimental Cum DFT investigations	Sarita Yadav, Neetu Goel, Vinod Kumar and Sonal Singhal	Department of Chemistry	Analytical Chemistry Letters	2018 - 2019	2229-7928

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
A naphthalimide-based novel Turn-On fluorescence for the determination of uric acid and monitoring of xanthine oxidase activity	Sidhu, J. S., Sharma, S., Singh, A., Garg, N., Kaur, N., Singh, N.	Department of Chemistry	Analytical methods	2018 - 2019	1759-9660
Enhanced performance of organic nanoparticles of a Schiff base for voltammetric sensor of Cu(ii) ions in aqueous samples	Kumar, S., Mittal, S.K., Kaur, N.	Department of Chemistry	Analytical Methods	2018 - 2019	1759-9660
Graphene oxide/lysine composite – a potent electron mediator for detection of diazepam	Shweta Sharma	Institute of Forensic Science & Criminology	Analytical Methods	2018 - 2019	1759-9679
Graphene oxide/lysine composite- A potent electron mediator for detection of diazepam	(Varnika Prakash, Shweta Sharma, Jashanjot Kaur and S.K Mehta)	Department of Chemistry	Analytical Methods	2018 - 2019	1759-9660
Generalized Lindley distribution based on order statistics and associated inference with application	Kumar, D. and Goyal A	Department of Statistics	Annals of data science	2018 - 2019	2198-5804 (Print), 2198-5812 (Online)
Order Statistics from the Power Lindley Distribution and Associated Inference with Application	Kumar D. and Goyal A.	Department of Statistics	Annals of Data Science	2018 - 2019	2198-5804 (Print), 2198-5812 (Online)
Assessment of menopausal symptoms in different transition phases using the Greene Climacteric Scale among rural women of North India	Thakur, Monika, Kaur, Maninder and Sinha, A. K.	Department of Anthropology	Annals of Human Biology	2018 - 2019	0301-4460 (print); 1464-5033 (web)
Sperm Agglutinating Escherichia coli and Male Infertility: An In Vivo Study. Annals of Infertility and Reproductive Endocrinology 1 (2), 1011.	Rana K and Prabha V (2018).	Department of Microbiology	Annals of infertility and reproductive endocrinology.	2018 - 2019	SSN 2638-356X
Conscious sedation in Dentistry - Review article -	Dr. Vinay Kapur	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Annals of Maxillofacial Surgery	2018 - 2019	2231-0746
Nobel Nominations in Science: Constraints of the Fairer Sex	Gill, Rajesh	Department of Sociology	Annals of Neurosciences	2018 - 2019	9763260
Matter wave soliton solutions for driven Gross–Pitaevskii equation with distributed coefficients	Ritu Pal,Shally Loomba, C. N. Kumar, Daniela Milovic, Aleksandra Maluckov	Department of Physics	Annals of Physics	2018 - 2019	0003-4916 / 1096-035X
Political Discourse and the Planned City: Nehru’s Projection and Appropriation of Chandigarh, the Capital of Punjab	Ganeshwari Singh, Simrit Kahlon, Vishwa BS Chandel	Department of Geography	Annals of the American Association of Geographers	2018 - 2019	2469-4452

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Porcupine gnaw marks on a Late Pliocene bone from the Upper Siwaliks exposed near Village Khetpurali (Haryana, India)	Jagjeet Kaur, Rajeev Patnaik, Kewal Krishan, Bahadur Singh	Department of Geology	Annals of the Brazilian Academy of Sciences	2018 - 2019	13765
Current State of Nanomedicines in the Treatment of Topical Infectious Disorders.	Thakur K, Sharma G, Singh B, Chhibber S, Katara OP.	Department of Microbiology	Anti-Infective Drug Discovery	2018 - 2019	24519162
Design, Synthesis and Pharmacological Evaluation of Gastro-protective Anti-inflammatory Analgesic Agents based on Dual Oxidative Stress / Cyclooxygenase Inhibition	Monika Gaba, Sarbjot Singh, Chander Mohan, Richa, Monika and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry	2018 - 2019	1871-5230
Chhinnmoolta Banaam Baddhmoolta ka Surinaami Aakhyaan Chhinnmool Anusandhan (January,2019)	Prof. Neeru	University School of Open Learning	Anusandhan	2018 - 2019	ISSN0975-850X
A Study of Impulsive Buyers and its Relationship with Coupon Proneness - A Special Case of the Chandigarh Tricity	Harsh Tuli	University Institute of Applied Management Sciences	Anusandhan : Science technology & Management Journal	2018 - 2019	2278-4187
Influence of employee empowerment on job satisfaction: A study of consultancy firms in Gurugram	Malodia, L. (Vashisht, A.)	University Business School	Apeejay Journal of Management and Technology	2018 - 2019	Vol. 13, Issue 1, pp. 37-46
Reduced graphene oxide-CdSheterostructure: An efficient fluorescent probe for the sensing of Ag (I) and sunset yellow and a visible-light responsive photocatalyst for the degradation of levofloxacin drug in aqueous phase	M Kaur, A Umar, SK Mehta, SK Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Applied Catalysis B: Environmental	2018 - 2019	0926-3373
Differential Responses of β -glucosidase, SOC and MBC of Degraded Soil under Various Treatments in a North-Western Arid Region, India.	Kaur R., Kaur A., Bhatti R.C., Nirmala C. and Singh A.N.	Department of Botany	Applied Ecology and Environmental Science	2018 - 2019	ISSN: 2328-3920
Faster Learning by Reduction of Data Access Time	V. K. Chauhan, Anuj Sharma and K. Dahiy	Department of Computer Science & Applications	Applied Intelligence	2018 - 2019	0924-669X
SAAGs: Biased stochastic variance reduction methods for large-scale learning	Kalpna Dahiya,V. K. Chauhan, Anuj Sharma	University Institute of Engineering & Technology	Applied Intelligence	2018 - 2019	1573-7497(e); 0924-699X(p)
Bacteriocins: perspective for the development of novel anticancer drugs	Dr Vishakha Grover,	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Applied Microbiology and Biotechnology	2018 - 2019	1432-0614
Biogenic PLGA-Zinc oxide nanocomposite as versatile tool for enhanced photocatalytic and antibacterial activity	Prof. Rajat Sandhir	Department of Biochemistry	Applied Nanoscience	2018 - 2019	2190-5517

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Tracking multi-walled carbon nanotubes inside oat (Avena sativa L.) plants and assessing their effect on growth, yield, and mammalian (human) cell viability.	Harsh Nayyar, Gaurav Verma	Department of Botany	Applied Nanoscience	2018 - 2019	2190-5517
Tracking multi-walled carbon nanotubes inside Oat (Avena sativa L.) plants and assessing their effect on growth, yield, and mammalian cell viability.	Prof. Harsh Nayyar	Department of Botany	Applied Nanoscience	2018 - 2019	ISSN: 2190-5517
Spinel copper ferrite nanoparticles: Preparation, characterization and catalytic activity	Mojtaba Amini, Maryam Hosseinpour Kafshdouzsani, Ali Akbari, Sanjeev Gautam, Cheol-Hwee Shim, Keun H	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Applied Organometallic Chemistry	2018 - 2019	1099-0739
Synthesis of copper nanoparticles supported on MoO3 using Sun spurge leaf extract and their catalytic activity	Mohsen Janmohammadi, Mojtaba Amini, Naser Sabaghnia, Ali Akbari, Sanjeev Gautam, Keun Hwa Chae	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Applied Organometallic Chemistry	2018 - 2019	1099-0739
Effects of annealing on the thermoelectric properties of nanocrystalline Bi1.2Sb0.8Te3thin films prepared by thermal evaporation	Singh, S., Singh, J., Kaushal, J. & Tripathi, S.K.	Department of Physics	Applied Physics A	2018 - 2019	0947-8396
Role of shell type of core/shell nanoparticles in luminescence properties of PVK–CdS/X nanocomposite films	Kanupriya Sharma, Praveen Kumar,Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Applied Physics A	2018 - 2019	1432-0630
Soft Computing Based Object Detection And Tracking Approaches: State-of-the-Art survey	Manisha Kaushal, Baljit Singh, and Akashdeep	University Institute of Engineering & Technology	Applied Soft Computing	2018 - 2019	15684946
Role of low energy transition metal ions in interface formation in ZnO thin films and their effect on magnetic properties for spintronic applications	R. Bhardwaj, B. Kaur, J.P. singh, M.Kumar, H.H. Lee, P.Kumar, R.C. Meena, K. Asokan, K.H. Chae, N. G	Department of Physics	Applied Surface Science	2018 - 2019	0169-4332
Role of Low Energy Transition Metal Ions in Interface Formation in ZnO Thin films and their effect on Magnetic Properties for spintronics applications	Richa Bhardwaj, Baljeet Kaur, Jitendra Pal Singh, Manish Kumar, HH Lee, Parmod Kumar, RC Meena, K As	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Applied Surface Science	2018 - 2019	0169-4332
Myxobolus himalayaensis sp. nov. (Cnidaria: Myxozoa) parasiting Schizothorax richardsonii(Cyprinidae: Schizothoracinae) from River Poonch in North West Himalaya, India.	I. Ahmed, I. Ahmad, S.A. Dar, M. Awasa, H. Kaur , B. A. Ganaic , B. A. Shah	Department of Zoology	Aquaculture Reports,	2018 - 2019	ISSN / eISSN: 2352-5134

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Augmenting fish health using <i>Emblica officinalis</i> against triarylmethane dye induced blood toxicity in <i>Cyprinus carpio</i>	Jindal, R., Sinha, R.	Department of Zoology	Aquaculture Research	2018 - 2019	ISSN / eISSN: 1355-557X / 1365-2109
Enhanced catalytic activity of composites of NiFe ₂ O ₄ and nano cellulose derived from waste biomass for the mitigation of organic pollutants	Kanu Gupta, Anupama Kaushik, K. B. Tikko, Vinod Kumar and Sonal Singhal	Department of Chemistry	Arabian Journal of Chemistry	2018 - 2019	1878-5352
Impact of Uropathogenic Microorganisms on Mouse Spermatozoa: an in Vitro Study. Archives of Reproductive Medicine and Sexual Health. 1(2): 51-60. ISSN 2639-1791	Rana K, Vander H, Thaper D, Chauhan A and Prabha V (2018).	Department of Microbiology	Archives of Reproductive Medicine And Sexual Health	2018 - 2019	2639-1791
Eve teasing vis-à-vis Sexual Harassment- Changing Dimensions and Legal contours	Dr. Babita Devi Pathania	Department of Laws	Army Institute of Law Journal	2018 - 2019	0975-8208
Emerging Horizons of Right to Privacy as a Part of Right to Life	Singh, Rattan	University Institute of Legal Studies	Army Institute of Law Journal, Mohali	2018 - 2019	ISSN 0975-8208
Measuring Structural Changes and Concentration of India's Manufactured Goods Export Since 1991, Artha Vijnana LX. (3):269-294	Meenu and Sita Bisht	Department of Economics	Artha Vijnana	2018 - 2019	0971-586X
Anti proliferate and apoptosis triggering potential of methotrexate-transferrin conjugate encapsulated PLGA nanoparticles with enhanced cellular uptake by high affinity folate receptors	Parmar, A., Jain, A., Uppal, S., Mehta, S.K., Kaur, K., Singh, B., Sandhir, R. & Sharma, S.	University Institute of Pharmaceutical Sciences	Artificial cells, Nanomedicine and Biotechnology	2018 - 2019	2169141X, 21691401
Aspartic acid derivatized hydroxylated fullerenes as drug delivery vehicles for docetaxel: an explorative study	Thotakura, N., Sharma, G., Singh, B., Kumar, V. & Raza, K.	University Institute of Pharmaceutical Sciences	Artificial Cells, Nanomedicine and Biotechnology	2018 - 2019	2169141X, 21691401
Beta carotene-loaded zein nanoparticles to improve the biopharmaceutical attributes and to abolish the toxicity of methotrexate: A preclinical study for breast cancer	Ashay Jain, Gajanand Sharma, Varun Kushwah, Gargi Ghoshal, Atul Jain, Bhupinder Singh, US Shivhare,	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Artificial cells, nanomedicine, and biotechnology	2018 - 2019	2169-141X
Anti-proliferate and apoptosis triggering potential of methotrexate-transferrin conjugate encapsulated PLGA nanoparticles with enhanced cellular uptake by high-affinity folate receptors.	Prof. Rajat Sandhir, Parmar, A., Jain, A., Uppal, S., Mehta, S.K., Kaur, K., Singh, B., Sandhir, R. & Sharma, S.	Department of Biochemistry	Artificial Cells, Nanomedicine, and Biotechnology,	2018 - 2019	ISSN: 2169-1401 (Print) 2169-141X (Electronic) 2169-1401 (Linking)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Character Segmentation and Skew Correction for Handwritten Devanagari Scripts: A Friends Technique	Ashok Kumar Bathla, Sunil Kumar Gupta and Manish Kumar Jindal	P.U. Regional Centre, Muktsar	Asian Journal of Engineering and Applied Technology	2018 - 2019	2249-068X
Antecedents of Entrepreneurial Intentions among Management Graduates: And empirical investigation	Dr. Monika Aggarwal & Prof. Keshav Malhotra	Department of Evening Studies	Asian Journal of Management	2018 - 2019	2321-5763
Non-clinic blood pressure measurement - More light Less darkness	Vinay Kapur	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Asian Journal of Medical Sciences	2018 - 2019	E-ISSN 2091-0576; P-ISSN 2467-9100
Design, Synthesis, Molecular docking, and evaluation of chromone based tetrazole derivatives	Anuja Chopra, Lakhwinder Singh, Kapoor VK, Richa Dhingra, Neelima Dhingra	University Institute of Pharmaceutical Sciences	Asian Journal of Pharmaceutical and Clinical Research	2018 - 2019	2455-3891
GENETIC SUSCEPTIBILITY OF TRANSCRIPTION FACTOR 7-LIKE 2 GENE VARIANT AND RISK 1 OF TYPE 2 DIABETES IN ASIAN INDIANS.	Navneet Kaur*, Gurjit Kaur Bhatti, Sanjay Kumar Bhadada, Samer Singh4 & Jasvinder Singh Bhatti	Department of Microbial Biotechnology	Asian Journal of pharmaceutical and clinical research	2018 - 2019	2455-3891
Role of radiation as effective intervention in amyloid-beta induced oxidative stress in animal model of alzheimer's disease.	Khan A, Kamal R, Dhawan DK, Vijayta Dani Chadha	Centre for Nuclear Medicine	Asian Journal of Pharmaceutical and Clinical Research	2018 - 2019	Online ISSN: 2455-3891 Print ISSN: 0974-2441
Changing Intergenerational Relationships in India: A Study of Chandigarh	Dr. Namita Gupta	Centre for Human Rights & Duties	Asian Man: An international Journal	2018 - 2019	0974-6366
Land Use and Land Cover Change Detection through Remote Sensing and GIS: Bist Doab (Punjab)	Simrit Kahlon	Department of Geography	Asian Resonance	2018 - 2019	ISSN No. 2349-9443
Service Quality and Customer Orientation Practices: A Comparative Study of Public and Private Hospitals	Dr. AJAY KUMAR DOGRA	University Institute of Applied Management Sciences	Asian Resonance	2018 - 2019	0976-8602
Sports Women and their relationship with males at workplace	Reena Rani Chaudhary	University School of Open Learning	Asian Resonance	2018 - 2019	ISSN No. 0976-8602
Leader emotional intelligence and staff work motivation.	Mehar, R., & Krishnamoorthy, R.V.	University School of Open Learning	Asian Review of Social Sciences	2018 - 2019	E-ISSN: 2249-6319.
Analysis of writing/printing paper via Thermogravimetric Analysis: application in forensic science	Vishal sharma	Institute of Forensic Science & Criminology	Australian Journal of Forensic Sciences	2018 - 2019	450618
Medical pluralism in India and AYUSH: a review. Ayushdhara	Khatri, Avanee & Sinha, A. K.	Department of Anthropology	Ayushdhara: An International Journal of Research in AYUSH and Allied Systems. 5(3):1731-1738	2018 - 2019	2393-9583 (P)/ 2393-9591 (O)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Pain perception in and anxiety during periodontal flap surgery.	Dr Nandini Bhaskar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Baba Farid University Dental Journal	2018 - 2019	0976-8181
Non-performing assets and technical Efficiency of Indian Banks: A Meta-frontier Analysis.	Arora, N., Grover, N. and Kanwar, K.	Department of Economics	Benchmarking : An International Journal, 25 (7), 2105-2125. A Journal of Emeraldinsight	2018 - 2019	ISSN: 1463-5771
Does Indian Law and Feminism Discriminate against Men A Comparative Study USA UK Canada in relation to Domestic Violence Against Men in India	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	Bharati Law Review Pune	2018 - 2019	2278-6996
Juvenile Delinquency vis a vis juvenile Justic System : An Exploration into the Responsibility of Observation Homes in Ludhiana city of Punjab	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Bharati Law review vol.VII Issue1(1)	2018 - 2019	2278-6996
Available Light: New & Collected Poems by C.P. Surendran	Prof. Akshaya Kumar	Department of English & Cultural Studies	Biblio of review of books	2018 - 2019	0275-9527
Journeys: A poets diary, A.K.Ramanujan	Prof. Akshaya Kumar	Department of English & Cultural Studies	Biblio:A Review of Books	2018 - 2019	0275-9527
Agrochemical loaded biocompatible chitosan nanoparticles for insect pest management. Biocatalysis and Agricultural Biotechnology	Sharma, A., Sood, K., Kaur, J., & Khatri, M.	University Institute of Engineering & Technology	Biocatalysis and Agricultural Biotechnology	2018 - 2019	1878-8181
Streptomyces from rotten wheat straw endowed the high plant growth potential traits and agro-active compounds	RP Singh, G Manchanda, IK Maurya, NK Maheshwari, PK Tiwari and AR Rai	Department of Microbial Biotechnology	Biocatalysis and Agricultural Biotechnology	2018 - 2019	1878-8181
Discovery and utilization of EST-SSR Marker resource for genetic diversity and population structure analysis of a subtropical bamboo, Dendrocalamus hamiltonii	Abhishek Bhandawat, Vikas Sharma, Pradeep Singh, Romit Seth, Akshay Nag, Jagdeep Kaur, Ram yadav	Department of Biotechnology	Biochemical Genetics	2018 - 2019	1573-4927
L. donovani XPRT: Molecular characterization and evaluation of inhibitors	Patel B, Patel D, Parmar K, Chauhan R, Singh DD, Pappachan A.	Department of Biotechnology	Biochim Biophys Acta	2018 - 2019	1570-9639
Clinical relevance of cholesterol homeostasis genes in colorectal cancer.	Prof. Navneet Agnihori	Department of Biochemistry	Biochimica et Biophysica Acta - Molecular and Cell Biology of Lipids	2018 - 2019	1388-1981
N6-adenine DNA methylation demystified in the eukaryotic genome: From biology to pathology.	Prof. Harsh Nayyar	Department of Botany	Biochimie	2018 - 2019	ISSN: 03009084, 61831638
Protective Role of Selenium against hemolytic anemia is mediated through redox modulation	Kaur R, Ghanghas P, Rastogi P, Kaushal N.	Department of Biophysics	Biological Trace Element Research	2018 - 2019	ISSN 01634984
Nanomaterials as efficient platforms for sensing DNA	Neha Bhardwaj	University Institute of Engineering & Technology	Biomaterials	2018 - 2019	01429612, 18785905

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Exploring potential of phage therapy for tuberculosis using model organism.	Gondil VS, Chhibber S	Department of Microbiology	Biomedical and Biotechnology	2018 - 2019	25889842
Medical Image Fusion: A Brief Introduction	Dogra, A., Goyal, B. and Agrawal, S.,	University Institute of Engineering & Technology	Biomedical and Pharmacology Journal	2018 - 2019	9746242
Multimodal Medical Image Fusion Using Guided Filter in NSCT Domain	Nancy Mehta, Sumit Budhiraja	University Institute of Engineering & Technology	Biomedical and Pharmacology Journal	2018 - 2019	9746242
Noise Issues Prevailing in Various Types of Medical Images,	Goyal, Bhawna, Ayush Dogra, Sunil Agrawal, and B. S. Sohi	University Institute of Engineering & Technology	Biomedical and Pharmacology Journal	2018 - 2019	9746242
Towards Efficacy of EEG Neurofeedback from Traditional to Advanced Approach	Kaur C, Singh P, and Sahni S	University Institute of Engineering & Technology	Biomedical and Pharmacology journal	2018 - 2019	2456–2610
Segmentation of lung fields from chest radiographs- a radiomic feature-based approach	Dr. Ajay Mittal	University Institute of Engineering & Technology	Biomedical Engineering Letters	2018 - 2019	2093985X, 20939868
An Effective Method to Identify Various Factors for Denoising Wrist Pulse Signal using Wavelet Denoising Algorithm	Nidhi Garg	University Institute of Engineering & Technology	BIO-MEDICAL MATERIALS AND ENGINEERING	2018 - 2019	0959-2989
Survey on segmentation and classification approaches of optic cup and optic disc for diagnosis of glaucoma	Niharika Thakur, and Mamta Juneja	University Institute of Engineering & Technology	Biomedical Signal Processing and Control	2018 - 2019	17468094
Piperlongumine, a piper alkaloid targets Ras/PI3K/Akt/mTOR signaling axis to inhibit tumor cell growth and proliferation in DMH/DSS induced experimental colon cancer.	Prof. Navneet Agnihori	Department of Biochemistry	Biomedicine & pharmacotherapy	2018 - 2019	ISSN: 0753-3322 (Print) 1950-6007 (Electronic) 0753-3322 (Linking)
Resveratrol: from enhanced biosynthesis and bioavailability to multitargeting chronic diseases	Prof. Archana Bhatnagar	Department of Biochemistry	Biomedicine & Pharmacotherapy	2018 - 2019	0753-3322 (print) 1950-6007 (web)
Immunotherapeutic potential of Codonopsis clematidea and naringenin against visceral leishmaniasis. Biomedicine and Pharmacotherapy. 108 (2018): 1048-1061.	Kaur, G. Chauhan, K. and Kaur, S.	Department of Zoology	Biomedicine and Pharmacotherapy	2018 - 2019	ISSN / eISSN: 0753-3322 / 1950-6007
¹ H, ¹³ C and ¹⁵ N NMR assignments of two plant protease inhibitors (IRD7 and IRD12) from the plant Capsicum annum.	Janeka Gartia, Raveendra Anangi, Ashok R. Giri, Glenn King, Ravi P Barnwal and Kandala VR Chary	Department of Biophysics	Biomolecular NMR assignments	2018 - 2019	1874-2718 (Print) 1874-270X (Electronic) 1874-270X (Linking)

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Effect of Short-term Curcumin exposure and its Modulatory Role on Acute Cadmium Hepatotoxicity	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Bionatura,	2018 - 2019	DOI. 10.21931/RB/2019.04.03.9
Efficacy of TLR7 Agonistic Imidazoquinoline as Immunochemotherapeutic Agent Against P. berghei ANKA Infected Rodent Host.	Saroa R., Kaushik D., Bagai U., Kaur S. and Salunke DB	Department of Zoology	Bioorg Med Chem Lett.	2018 - 2019	ISSN / eISSN: 0960-894X / 1464-3405 1 May 2019, Pages 1099- 1105
A strategic approach to the synthesis of ferrocene appended chalcone linked triazole allied organosilatrane: antibacterial, antifungal, antiparasitic and antioxidant studies,	G Singh, A arora, P Kalra, IK Maurya, CE Ruize, MA Estebanc, S Sinha, K Goyal and R Sehgal	Department of Microbial Biotechnology	Bioorganic and Medicinal Chemistry	2018 - 2019	0968-0896
Synthesis, biological evaluation and molecular modelling studies of 1,3,7,8-tetrasubstituted xanthines as potent and selective A2A AR ligands with in vivo efficacy against animal model of Parkinson's disease,	Rohilla, S., Bansal, R. & Kachler, SKarl-Norbert Klotz .	University Institute of Pharmaceutical Sciences	Bioorganic Chemistry, 87: 601-612 (2019)	2018 - 2019	0045-2068
Development of an Efficient Transformation System for Halotolerant Yeast Debaryomyces hansenii CBS767	MINHAS A. P. and Biswas D.	University Institute of Engineering & Technology	bio-protocol	2018 - 2019	2331-8325
Extraction of arabinoxylan from corn cob through modified alkaline protocol to improve xylooligosaccharides synthesis	P Kundu, S Kumar, V Ahluwalia, SK Kansal, S Elumalai	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Bioresource Technology Reports	2018 - 2019	0960-8524
Efficacy of TLR7 agonistic imidazoquinoline as immunochemotherapeutic agent against P. Berghei ANKA infected rodent host	Saroa, Ruchika; Kaushik, Deepender; Bagai, Upma; Kaur, Sukhbir; Salunke, Deepak B.	Department of Chemistry	Biorganic & Medicinal Chemistry Letters	2018 - 2019	0960-894X
Aptamer functionalized MoS2-rGO nanocomposite based biosensor for the detection of Vi antigen. Biosensors and Bioelectronics, 122, pp.121-126.	P K Pathania, J K Saini, S Vij, R Tewari, P Sabherwal, P Rishi, CR Suri	Department of Microbiology	Biosensors and Bioelectronics	2018 - 2019	2577-2260
Ultra-sensitive detection of malathion using quantum dots-polymer based fluorescence aptasensor	Rajni Bala, Anuradha Swami, Ilja Tabujew, Kalina Peneva, Nishima Wangoo and Rohit K. Sharma	Department of Chemistry	Biosensors and Bioelectronics	2018 - 2019	0956-5663

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Homozygous KLF1 mutation c. 901C > T (p. Arg301Cys) resulting in mild thalassemia intermedia in an indian: A next-generation sequencing diagnosis	Dr. Ranvir Singh	Department Cum National Centre for Human Genome Studies & Research	Blood Cell, Molecules and Disease	2018 - 2019	1079-9796
Prophylactic intervention of probiotics (L.acidophilus, L.rhamnosus GG) and celecoxib modulate Bax-mediated apoptosis in 1,2-dimethylhydrazine-induced experimental colon carcinogenesis	Leila Kaeid Sharaf, Mridul Sharma, Deepika Chandel, Geeta Shukla	Department of Microbiology	BMC Cancer	2018 - 2019	14712407
Genome-wide identification and characterization of abiotic-stress responsive SOD (superoxide dismutase) gene family in Brassica juncea and B. rapa	Deepika Verma, Neha Lakhanpal & Kashmir Singh	Department of Biotechnology	BMC Genomics	2018 - 2019	1471-2164
Molecular characterization and differential expression suggested diverse functions of P-type II Ca ²⁺ -ATPases in Triticum aestivum L.	S. K. Upadhyay	Department of Botany	BMC Genomics	2018 - 2019	1471-2164
Genome-wide identification and characterization of LRR-RLKs reveal functional conservation of the SIF subfamily in cotton (Gossypium hirsutum).	Memdu V & S. K. Upadhyay	Department of Botany	BMC Plant Biology	2018 - 2019	14712229
Two hit induced acute lung injury impairs cognitive function in mice: a potential model to study cross talk between lung and brain	Prof. Amarjit Singh Naura	Department of Biochemistry	Brain, behavior, and immunity	2018 - 2019	ISSN: 0889-1591 (Print) 1090-2139 (Electronic) 0889-1591 (Linking)
Two hit induced acute lung injury impairs cognitive function in mice: A potential model to study cross talk between lung and brain.	Prof. Rajat Sandhir	Department of Biochemistry	Brain, behavior, and immunity	2018 - 2019	0889-1591
Sexual Dimorphism in Anthropometric Measurements of Adult Uttarkashi (India) Individuals: A Forensic Anthropological Study	Jagmahender Singh Sehrawat*, Priyanshi Sood, Sukhman Kaur	Department of Anthropology	Brazilian Journal of Forensic Sciences, Medical Law and Bioethics	2018 - 2019	2237-261X
Optimization of postbiotics (bacteriocin and EPS) produced by probiotic L. fermentum having anti- biofilm activity against P.aeruginosa PAO1	Vivek Sharma, Kusum Harjai and Geeta Shukla	Department of Microbiology	British Journal of Pharmaceutical and Medical Research	2018 - 2019	2456-9836

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Purification, characterisation and antibiofilm potential of postbiotics (bacteriocin and EPS) isolated from Lactobacillus fermentum against Pseudomonas aeruginosa PAO1	Vivek Sharma, Kusum Harjai, Geeta Shukla	Department of Microbiology	British Journal of Pharmaceutical and Medical Research	2018 - 2019	24569836
Promotional effects of Au on gamma Alumina supported cobalt based catalyst for total oxidation of Methane	M. Kumar, G. rattan, R. Prasad	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	BULGARIAN CHEMICAL COMMUNICATIONS	2018 - 2019	2534-9899
Malachite Green Induced Ultrastructural Corneal Lesions in Cyprinus carpio and Its Amelioration Using Emblica officinalis	Jindal, R., Sinha, R.	Department of Zoology	Bulletin of Environmental Contamination and Toxicology, 02:377–384	2018 - 2019	0007-4861 / 1432-080077–384 (2019)
MiR-644a Disrupts Oncogenic Transformation and Warburg Effect by Direct Modulation of Multiple Genes of Tumor-Promoting Pathways.	Dr. Kavleen Sikand	Department of Biochemistry	Cancer research	2018 - 2019	ISSN: 0008-5472 (Print) 1538-7445 (Electronic) 0008-5472 (Linking)
Effect of wheat straw arabinoxylan and β -glucan stearic acid ester composite coatings on post-harvest shelf life extension of apple (Royal Delicious). Carbohydrate Polymers	Ali, Usman, Kanwar, Swati, Yadav, Kamlender, Basu, Santanu and Mazumder, Koushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	carbpol	2018 - 2019	
Cellulases: Role in lignocellulosic Biomass Utilization. In: Cellulases Methods and Protocols	Soni, S.K., Sharma A., Soni, R	Department of Microbiology	Cellulases	2018 - 2019	0969-0239
A comparative analysis of source based distinctly functionalized nanostructured cellulose for the adsorptive removal of toxic colorants	Komal, Kanu Gupta, Simranjeet Kaur, Jasleen kaur, Anupama Kaushik and Sonal Singhal	Department of Chemistry	Cellulose 26 (2019) 1703-1724	2018 - 2019	0969-0239
Augmenting the photocatalytic performance of cobalt ferrite via change in structural and optical properties with the introduction of different rare earth metal ions	Manisha Dhiman, K. B. Tikko, Vinod Kumar, Bhupendra Chudasama and Sonal Singhal	Department of Chemistry	Ceramics International	2018 - 2019	0272-8842
Synthesis and characterizations of luminescent copper oxide nanoparticles: Toxicological profiling and sensing applications.	Savita Chauhdary, Deepak Rohilla, Ahmad Umar, N. Kaur and A. Shanavas	Department of Chemistry	Ceramics International	2018 - 2019	0272-8842
Peptide and protein mimetics by retro and retroinverso analogs.	jagdish rai	Institute of Forensic Science & Criminology	Chem Biol Drug Des	2018 - 2019	1747-0285

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Study on sustainable recovery and extraction of polyhydroxyalkanoates (PHAs) produced by Cupriavidus necator using waste glycerol for medical applications	Gahlawat, G. and Soni, S.K.	Department of Microbiology	Chemical And Biochemical Engineering	2018 - 2019	0352-9568
Oscillatory and steady shear rheological properties of aqueous polyacrylamide solutions Chemical Data Collections	Sobti A., Toor A. P., Wanchoo R K	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chemical data collections	2018 - 2019	2405-8300
Sulfated Iron Oxide Catalyzed Esterification of Acetic Acid with nButanol by Reactive Distillation.	Kaur, J., Kaur, K., & Toor, A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chemical Engineering and Technology	2018 - 2019	0930-7516
Batch extraction of gossypol from cottonseed meal using mixed solvent system and its kinetic modeling, Chemical Engineering Communications	Surinder Singh, S. K. Sharma & S. K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chemical Engineering Communications	2018 - 2019	1563-5201
Catalytic performance of sulfate-grafted graphene oxide for esterification of acetic acid with methanol.	Guliani, D., Kaur, K., Singh, N., Sobti, A., &Toor, A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chemical Engineering Communications	2018 - 2019	0098-6445
Bioengineered PLGA-chitosan nanoparticles for brain targeted intranasal delivery of antiepileptic TRH analogues	Nishima	University Institute of Engineering & Technology	Chemical Engineering Journal	2018 - 2019	1385-8947
Studies on glycerol conversion to tricaproin over sulfate promoted iron oxide as catalyst using response surface methodology.	Kaur, K., Sobti, A., Wanchoo, R. K., & Toor, A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chemical Engineering Research and Design	2018 - 2019	1744-3563
Colorimetric Sensing of Fe ³⁺ ions in aqueous solution using magnesium oxide nanoparticles synthesized using green approach	Ayushi Jain, Dr. Shweta Rana Wadhawan, Vineet Kumar, S.K. Mehta	Department of Chemistry	Chemical Physics Letters	2018 - 2019	0009-2614
Colorimetric sensor for detection of trace level Al(III) in aqueous medium based on organic-inorganic nanohybrid	Kaur, R., Kaur, N., Kuwar, A., Singh, N.	Department of Chemistry	Chemical Physics Letters, 2019, 722, 140	2018 - 2019	0009-2614
Mixed surfactant (altering chain length and head group) aggregates as an effective carrier for tuberculosis drug	(Arun Kumar, Rekha, S.K.Kansal and A.O. Ibhaddon, S. K. Mehta)	Department of Chemistry	Chemistry and Physics of Lipids	2018 - 2019	0009-3084
Selective Determination of Silver Metal Ion Using Polyamine-Based Ratiometric Chemosensor in an Aqueous Medium and Its Real-Time Applicability as a Silver Sink	Verma, M., Kaur, A., Kaur, H., Kaur, N., Singh, N.	Department of Chemistry	ChemistrySelect	2018 - 2019	2365-6549
Selective Metal-Ion Detection and Activatable Photosensitization Properties of a Tetraphenylethylene-Based Salicylideneimine	Marandi, P., Kumar, P.P.P., Venugopalan, P., Neelakandan, P.P.	Department of Chemistry	ChemistrySelect	2018 - 2019	2365-6549

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Bare and nonionic surfactant-functionalized praseodymium oxide nanoparticles: Toxicological studies	PriyankaSharmaaSandeepKaurbSavitaChaudharybAhmadUmarcdRajeevKumara	Department of Environment Studies	Chemosphere	2018 - 2019	0045-6535
Ethylenediamine disuccinic acid enhanced phytoextraction of nickel from contaminated soils using Coronopus didymus (L.)	G.P.S. Sidhu & D. R. Batish	Department of Botany	Chemosphere	2018 - 2019	456535
Ethylenediamine disuccinic acid enhanced phytoextraction of nickel from contaminated soils using Coronopus didymus (L.) Sm.	Sidhu, G P S, Bali AS, Singh, H P, Daizy, R B, Kohli, R.K.	Department of Environment Studies	Chemosphere	2018 - 2019	0045-6535
Impact of environmental pollution on trace elements in vegetables and associated potential risk to human health in industrial town Mandi-gobindgarh (India).	Mandal R. and Kaur S	Department of Zoology	Chemosphere	2018 - 2019	ISSN / eISSN: 0045-6535 / 1879-1298
Can Cyanuric Acid and 2,4,6-Triaminopyrimidine Containing Ribonucleosides be Components of Prebiotic RNA? Insights from QM Calculations and MD Simulations	Sarabjeet Kaur, Purshotam Sharma and Stacey D. Wetmore	Department of Chemistry	Chemphyschem	2018 - 2019	1439-4235
Role of Gang Culture Increasing the problem of Recidivism: An Analysis	Dr. Sukhvir Kaur	P.U. S.S. Giri Regional Centre, Hoshiarpur	Chintan Research Journal	2018 - 2019	ISSN No.2229-7227
Punjabi Natak Alochna Shabdabali Kosh da Koshgat Sandarbh	Dr. Akwinder Kaur Tanvi	School of Punjabi Studies	Chitan Research Journal	2018 - 2019	2229-7227
Performance Analysis of Lossy Coupled Non-uniform On-Chip Interconnects with Skin Effects	Sulochana, Vemu, Sunil Agrawal, and Balwinder Singh	University Institute of Engineering & Technology	Circuits, Systems, and Signal Processing	2018 - 2019	0278081X, 15315878.
Overweight and Obesity: A major concern for health in India	Mukhra , R. Kaur, T. Krishan K and Kanchan T.	Department of Anthropology	Clin Ter 2018; 169 (5):e199-201.	2018 - 2019	2642-9207
Germline editing: Editors cautionary	Krishan, K., Kanchan, T., Singh, B., Baryah. N., Puri, S.	University Institute of Engineering & Technology	Clinica terapeutica	2018 - 2019	0009-9074
Interaction between ALOX15 polymorphisms and coronary artery disease in North Indian population	Naindeep Kaur, Jagtar Singh and Sreenivas Reddy	Department of Biotechnology	CLINICAL AND EXPERIMENTAL HYPERTENSION	2018 - 2019	1064-1963
Urine osteopontin: A biomarker for diagnosis of nephrolithiasis?	Neelam Goel	University Institute of Engineering & Technology	Clinical Biochemistry	2018 - 2019	0009-9120
Potential of electrical impedance spectroscopy to differentiate between healthy and osteopenic bone	Bhardwaj, P., Rai, D.V., Garg, M.L., Mohanty, B.P.	Department of Biophysics	Clinical Biomechanics	2018 - 2019	ISSN:0268-0033E- ISSN:1879-1271

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Event-Related Potential Analysis of ADHD and Control Adults During a Sustained Attention	Damanjeet Kaur,	University Institute of Engineering & Technology	Clinical EEG and Neuroscience	2018 - 2019	15500594
Event-Related Potential Analysis of ADHD and Control Adults During a Sustained Attention Task	Simranjit Kaur, Sukhwinder Singh, Priti Arun,Damanjeet Kaur, Manoj Bajaj	University Institute of Engineering & Technology	Clinical EEG and neuroscience	2018 - 2019	15500594
Do SNPs in folate pharmacokinetic pathway alter levels of intracellular methotrexate polyglutamates and affect response? A prospective study in Indian patients.	Prof. Archana Bhatnagar	Department of Biochemistry	Clinical rheumatology	2018 - 2019	ISSN: 0770-3198 (Print) 1434-9949 (Electronic) 0770-3198 (Linking)
Methotrexate preferentially affects Tc1 and Tc17 subset of CD8 T lymphocytes	Prof. Archana Bhatnagar	Department of Biochemistry	Clinical rheumatology	2018 - 2019	ISSN: 0770-3198 (Print) 1434-9949 (Electronic) 0770-3198 (Linking)
‘Getting to zero’HIV/AIDS requires effective addressing of HIV issues in LGBT community	K Krishan, N Dehal, A Singh, T Kanchan, P Rishi	Department of Microbiology	Clinical Therapeutics	2018 - 2019	19726007
Role of Election Commission in Electoral Reforms	Dr. Neetu Gupta	Department of Laws	CNLU LJ (8)	2018 - 2019	0976-805X
Hydrogen sulfide in physiological and pathological mechanisms in brain.	Prof. Rajat Sandhir	Department of Biochemistry	CNS & Neurological Disorders-Drug Targets.	2018 - 2019	ISSN 1871-5273 (Print)
A cognitive inspire unsupervised lauguage independent text stmmer for information retrieval for	Fahd Saleh, Vishal Gupta	University Institute of Engineering & Technology	Cognitive system research	2018 - 2019	1389-0417
Luminescent core@shell nanoparticles functionalized with PEG for biological applications	Bharti, S., Kaur, G., Gupta, S.& Tripathi, S.K.	Department of Physics	Colloid and Polymer Science	2018 - 2019	1435-1536
Chylomicron mimicking nanocolloidal carriers of rosuvastatin calcium for lymphatic drug targeting and management of hyperlipidemia	Beg, S., Alam, M.N., Ahmad, F.J., & Singh, B.	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces	2018 - 2019	0927-7765
In vitro assessment of antimicrobial and genotoxic effect of metallosurfactant based nickel hydroxide nanoparticles against Escherichia coli and its genomic DNA	VarshaDograaGurpreetKaurbAmanpuneetKaurbRajeevKumaraSandee pKumarc	Department of Environment Studies	Colloids and Surfaces B: Biointerfaces	2018 - 2019	0927-7765
Synergetic effect of vancomycin loaded silver nanoparticles for enhanced antibacterial activity	Amritpal Kaur, Simran Preet, Vivek Kumar, Rajeev Kumar, Rajesh Kumar	Department of Physics	Colloids and Surfaces B: Biointerfaces	2018 - 2019	0927-7765

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Spiritual Leadership in the Life of Crises Reporters	Dr. Sumedha Singh	School of Communication Studies	Communication Today	2018 - 2019	0975-217X
Group Rings and the RS-Property	Gurmeet K. Bakshi	Department of Mathematics	Communications in Algebra	2018 - 2019	0092-7872
Using a Concept Map Network Based Constructivist Learning Environment to Design a Learning System	Minakshi Sharma, Sonal Chawla	Department of Computer Science & Applications	Communications in Computer and Information Science	2018 - 2019	1865-0929
Ensemble Algorithms For Islanding Detection In Smart Grids	Damanjeet Kaur and Ruby Pandey	University Institute of Engineering & Technology	Communications in Computer and Information Science (CCIS)	2018 - 2019	978-981-10-8657-1
Test for comparing complete expectations of life of two groups	HarmanPreet Singh Kapoor, Kanchan Jain and Isha Dewan	Department of Statistics	Communications in Statistics (Theory and Methods)	2018 - 2019	0361-0926
Bayes estimators for the reliability and hazard rate functions of Topp-Leone distribution using Type-II censored data	Sangeeta Arora,Kalpana K. Mahajan and Ritu Kumari	Department of Statistics	Communications in Statistics: Simulation and Computation	2018 - 2019	1532-4141
A General Class of non-parametric tests for comparing scale parameters	Narinder Kumar and M. Goyal	Department of Statistics	Communications in Statistics: Theory and Methods	2018 - 2019	0361-0926
Developments in the stratigraphy of the Deccan Volcanic Province, peninsular India, Vol. 351, 461-476	Verma, O., and Khosla, A.	Department of Geology	Comptes rendus- Geoscience	2018 - 2019	1631-0713
Cambrian trilobite fauna of the Haydenaspis parvatya level (Series 2, Stage 4): its stratigraphic position with respect to the Oryctocephalus indicus Biozone (Miaolingian Series, Wuliuan Stage) in the Spiti Himalaya, India	Kaur, R., Singh, B.P., Bhargava, O.N., Singla, G., Stopden, S.,	Department of Geology	Comptes Rendus Palevol	2018 - 2019	16310683
Anticancer SAR establishment and novel accruing signal transduction model of drug action using bis-coumarin scaffold	Mayank, A. Singh, N. Kaur, N. Garg, N. Singh	Department of Chemistry	Computational biology and chemistry	2018 - 2019	1476-9271
FEA of titanium alloy graphene based mandible plate	Dr. Prashant Jindal	University Institute of Engineering & Technology	Computer Methods in Biomechanics and Biomedical Engineering	2018 - 2019	14768259, 10255842
Recent Named Entity Recognition and Classification techniques: A systematic review	Archana Goyal, Vishal Gupta and Manish Kumar	P.U. Regional Centre, Muktsar	Computer Science Review	2018 - 2019	1574-0137
Predictive Model for Hardware Calibration to Transmit Real-time Applications in VoIP Networks. Concurrency and Computation Practice and Experience	Nishant Gupta	University Institute of Engineering & Technology	Concurrency Computation Practice and Experience	2018 - 2019	15320626, 15320634
Construction and standardization of attitude towards mathematics scale.	Mehar, R., & Sanwal, N.	University School of Open Learning	Contemporary Social Sciences (Quarterly),	2018 - 2019	ISSN: 0302-9298.
Colorimetric metal ion sensors – A comprehensive review of the years 2011–2016	Baljeet Kaur, Navneet Kaur, Subodh Kumar	Department of Chemistry	Coordination Chemistry Reviews 358 (2018) 13–69	2018 - 2019	0010-8545

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Analysis of custodial suicides under criminal justice System	Dr.Kamya Rani	P.U. S.S. Giri Regional Centre, Hoshiarpur	CRIMINAL JUSTICE SYSTEM AND THEORIES OF PUNISHMENT IN INDIA: EMERGING ISSUES AND DIMENSIONS	2018 - 2019	978-81-930353-2-0
Child Prisoners of war: A critical study of children diaries from Nazi concentration camps	Ms.Savita Grover	P.U. S.S. Giri Regional Centre, Hoshiarpur	CRIMINAL JUSTICE SYSTEM AND THEORIES OF PUNISHMENT IN INDIA: EMERGING ISSUES AND DIMENSIONS	2018 - 2019	978-81-930353-2-0
Biomarkers of cardiac health and disease	Prakash Kumar Sinha, Eshu Singhal Sinha, Jagdeep Kaur	Department of Biotechnology	critical reviews in biomedical engineering	2018 - 2019	0278940X
Inhalational drug delivery in pulmonary aspergillosis.	Kaur, R., Kaur, R., Singh, C., Kaur, S., Goyal, A.K., Singh, K.K. &&& Singh, B.	University Institute of Pharmaceutical Sciences	Critical Reviews in Therapeutic Drug Carrier Systems	2018 - 2019	0743-4863
Quadratic residue codes over the ring $F_p[u]/\langle u^m - u \rangle$ and their Gray images	Madhu Raka	Department of Mathematics	Cryptography and Communications. Discrete Structures, Boolean Functions and Sequences	2018 - 2019	1936-2447
Post-functionalized Metalloligands Based Catenated Coordination Polymers: Syntheses, Structures and Effect of Labile Sites on Catalysis	S. Pandey, Girijesh Kumar and R. Gupta	Department of Chemistry	Cryst. Growth Des., 2019, 19, 2723–2735	2018 - 2019	1528-7483
Geometrical Isomerism in Guanabenz Free Base: Synthesis, Characterization, Crystal Structure and Theoretical Studies	Kathuria, Deepika;Chourasiya, Sumit;Wani, Aabid;Singh, Manjeet ;Sahoo, Subash;Bharatam, Prasad	Department of Chemistry	Crystal Growth & Design	2018 - 2019	1528-7483
Mechanochemical Synthesis of a New Triptycene-Based Imine-Linked Covalent Organic Polymer for Degradation of Organic Dye	. K. Preet, G. Gupta, M. Kotal, S. K. Kansal, D. B. Salunke, H.K. Sharma, S. C. Sahoo, P. V. Der Voo	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Crystal Growth & Design	2018 - 2019	1528-7483
Wheel and Axle Topology Driven Halogen Bonds for the Construction of Molecular Arrays in Hexacoordinated Sn(IV)Porphyrins: A Structural and Theoretical Investigation	Sushila, Venugopalan, P., Kataria, R., Das, D.K., Chaudhary, A., Patra, R.	Department of Chemistry	Crystal Growth and Design	2018 - 2019	1528-7483 (print); 1528-7505 (web)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Selective Molecular Recognition of Fe ³⁺ and CrO ₄ ²⁻ Ions using Zn(II) Metallacycle and Cd(II) Coordination Polymer and Their Heterogeneous Catalytic Application	P. Rani, A. Sharma, A. Husain, G. Kumar, H. Kaur, K. K. Bhasin and Girijesh Kumar*	Department of Chemistry	CrystEngComm	2018 - 2019	1466-8033
Islamization in South-West Punjab and the Shrine of Shaikh Farid at Pakpattan	Professor Veena Sachdeva	Department of History	Cultural Diversity and National Integration in India	2018 - 2019	NA
Performance improvements of organic solar cell using dual cathode buffer layers	Sachdeva, S., Kaur, J., Sharma, K. & Tripathi, S. K.	Department of Physics	Current Applied Physics	2018 - 2019	1567-1739
GLP-1 Receptor Agonists in Type 2 Diabetes Mellitus.	Dahiya, L., Kaur, R., Kumar, R., Kumar, M. & Palta, K.	University Institute of Pharmaceutical Sciences	Current Diabetes Reviews, 10.2174/1573399815666190502114924.	2018 - 2019	1573-3998
A survey of prostate segmentation techniques in different imaging modalities	Gaurav Garg, and Mamta Juneja	University Institute of Engineering & Technology	Current Medical Imaging Reviews	2018 - 2019	1573-4056
Rho-kinase (ROCK) Inhibitors-A Neuroprotective Therapeutic Paradigm with a Focus on Ocular Utility	Abbhi, V. & Piplani, P.	University Institute of Pharmaceutical Sciences	Current medicinal chemistry	2018 - 2019	09298673, 1875533X
Role of Reactive Oxygen Species in Cancer Progression	Neelam Goel	University Institute of Engineering & Technology	Current Pharmacology Reports	2018 - 2019	2198-641X
Insulin Resistance in Diabetes: Present and Future Prospective of Treatment.	Kumar, A., Mittal, R. & Kaur, A.	University Institute of Pharmaceutical Sciences	Current Psychopharmacology	2018 - 2019	2211-5560
Double-blind peer review system – An essential step for a fair evaluation of research	Kanchan, T& Krishan, K.	Department of Anthropology	Current Science	2018 - 2019	0277-9536
Popularising Geosciences in India	Patnaik, R.	Department of Geology	Current Science	2018 - 2019	0011-3891
Preparation of Nanosized Bioapatite (BAP) by Cryogenic Grinding from Sintered Scales of Silver Carp Hypophthalmichthys molitrix (Cuvier and Valenciennes)	Ravneet Kaur, Gaurav Verma, Bandhu Matiyal, Neha Thakur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Current Science	2018 - 2019	0011-3891
Preparation of nanosized bioapatite by cryogenic grinding from sintered scales of silver carp	Ravneet, Verma, G., Matiyal, B. and Thakur, N.	Department of Zoology	Current Science	2018 - 2019	0011-3891
Comparison of surface electromyogram signal for prosthetic applications	Veer, K	University Institute of Engineering & Technology	Current Signal Transduction Therapy	2018 - 2019	15743624
Exploration of Novel 5 α -Reductase Inhibitors for Benign prostatic Hyperplasia by 2D/3D QSAR, Cytotoxicity, pre ADME and docking studies	Richa Dhingra, Manav Malhotra, Vivek Sharma, T.R. Bhardwaj and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Current topics in medicinal chemistry	2018 - 2019	1568-0266
Soluble A β ₁₋₄₂ suppresses TNF- α and activates NLRP3 inflammasome in THP-1 macrophages	Mehak Gupta, Abubakar Wania, Aitizaz Ul Ahsan , Mani Chopra , Ram A Vishwakarma, Gurdar	Department of Zoology	Cytokine	2018 - 2019	ISSN: 1043-4666

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Synthetic, Spectral, Structural and Catalytic activity of infinite 3-D and 2-D Copper(II) Coordination Polymers for Substrate Size-Dependent Catalysis for CO2 Conversion	B. Yadav, M. Trivedi, A. Yadav, G. Singh, A. Kumar, Girijesh Kumar, A. Husain and N. P. Rath	Department of Chemistry	Dalton Trans., 2019, 48, 10078–10088	2018 - 2019	1477-9226
Finding a new pathway for acid-induced nitrite reduction reaction: formation of nitric oxide with hydrogen peroxide	Mohammed A. P. Y., Somnath G., Yatheesh N., Munendra Y., Subash C. S., Pankaj K.	Department of Chemistry	Dalton Transactions	2018 - 2019	1477-9226
Shuddhadvaita ki Maulika Chetna ka Svarupa; Darshanika Traimasika , VOL.2	Dr.Shivani Sharma	Department of Philosophy	Darshanika Traimasika , VOL.2	2018 - 2019	ISSN0974-8849
Effect of corporate governance on stock market liquidity: Empirical evidence from Indian companies	Kaur, P. (Sidhu, M.K.)	University Business School	Decision	2018 - 2019	Vol. 46, Issue 3, pp. 197-2018
Comparison of shaping ability of Endowave and K3 rotary Ni-Ti instruments in simulated canal.	Ruchi Singla, Vivek Kapoor	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Dental Journal of Advance Studies	2018 - 2019	ISSN : 2349-9869
THE ABILITY OF DIFFERENT NI-TI ROTARY INSTRUMENTS TO INDUCE DENTINAL MICROCRACKS DURING ROOT CANAL PREPARATION	Dr. Jagat Bhushan	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	DENTAL JOURNAL OF ADVANCE STUDIES	2018 - 2019	2321-1482
Revision of the genus Pseudolebinthus (Orthoptera, Gryllidae, Eneopterinae) with the description of a new species from Southeast Africa	Ranjana Jaiswara	Department of Zoology	Discovery and documentation of a new species to the genus, P. gorochovi Robillard sp. nov. and revision of the diagnostic features of the genus Pseudolebinthus using both male and female characters.	2018 - 2019	ISSN 1175-5326 (print edition)
Taxonomic revision of the genus Xenogryllus Bolívar, 1890 (Orthoptera, Gryllidae, Eneopterinae, Xenogryllini)	Ranjana Jaiswara	Department of Zoology	Discovery and documentation of three new bush cricket species from Africa belonging to the genus Xenogryllus	2018 - 2019	Vol. 4545 No. 3: 18 Jan. 2019
Duadic negacyclic codes over a finite non-chain ring	Madhu Raka	Department of Mathematics	Discrete Mathematics, Algorithms and Applications	2018 - 2019	1793-8309
Economic Reforms and India’s Banking Sector: A Study of Public Sector Banks.	Dr. Simran Kaur	Department of Evening Studies	Diviner: A Research Journal of Humanities and Social Sciences	2018 - 2019	0973-8320
Neuro-protective potential of quercetin during chlorpyrifos induced neurotoxicity in rats	Kaur S, Singla N, Dhawan DK.	Department of Biophysics	Drug and Chemical Toxicology	2018 - 2019	ISSN:0148-0545E- ISSN:1525-6014

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Nano-engineered lipid-polymer hybrid nanoparticles of fusidic acid: an investigative study on dermatokinetics profile and MRSA-infected burn wound model	Thakur, K., Sharma, G., Singh, B., Chhibber, S. & Katare, O. P.	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research	2018 - 2019	2190-3948
Novel cationic supersaturable nanomicellar systems of raloxifene hydrochloride with enhanced biopharmaceutical attributes	Jain, A., Kaur, R., Beg, S., Kushwah, V., Jain, S. & Singh, B.	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research	2018 - 2019	2190-3948
Polycaprolactone-based neurotherapeutic delivery of rasagiline targeting behavioral and biochemical deficits in Parkinson's disease.	Kanwar, N., Bhandari, R., Kuhad, A. & Sinha, V. R.	University Institute of Pharmaceutical Sciences	Drug delivery and translational research	2018 - 2019	2190-3948
Improving the biopharmaceutical attributes of mangiferin using vitamin ETPGS co-loaded self-assembled phospholipidic nano-mixed micellar systems.	Khurana, R. K., Gaspar, B. L., Welsby, G., Katare, O. P., Singh, K. K. & Singh, B.	University Institute of Pharmaceutical Sciences	Drug Delivery Translational Research	2018 - 2019	81025491
QbD-driven development and evaluation of nanostructured lipid carriers (NLCs) of olmesartan medoxomil employing multivariate statistical techniques	Beg, S., Saini, S., Bandopadhyay, S., Katare, O. P. & Singh, B.	University Institute of Pharmaceutical Sciences	Drug Development and Industrial Pharmacy	2018 - 2019	03639045, 15205762
Topical delivery of tetrahydrocurcumin lipid nanoparticles effectively inhibits skin inflammation: in vitro and in vivo study.	Kakkar, V., Kaur, I. P., Kaur, A. P., Saini, K. & Singh, K. K.	University Institute of Pharmaceutical Sciences	Drug Development and Industrial Pharmacy. 1-13 (2018)	2018 - 2019	0363-9045
Administration of antioxidants in cancer: debate of the decade	Khurana, R. K., Jain, A., Jain, A., Sharma, T., Singh, B. & Kesharwani, P.	University Institute of Pharmaceutical Sciences	Drug Discovery Today	2018 - 2019	1359-6446
Recent advances in galactose-engineered nanocarriers for the site-specific delivery of siRNA and anticancer drugs	Ashay Jain, Atul Jain, Prahlad Parajuli, Vijay Mishra, Gargi Ghoshal, Bhupinder Singh, Uma Shankar S	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Drug discovery today	2018 - 2019	1359-6446
Microwave mediated synthesis & analytical method development for the estimation of novel 1, 4-dihydropyridines in bulk by RP-HPLC	Anupreet Kaur	University Institute of Engineering & Technology	Drug Research	2018 - 2019	21949379
Microwave mediated synthesis and analytical method development for the estimation of novel 1,4-dihydropyridines in bulk by RP-HPLC	Kaur, A., Kaur, J. & Bansal, R.	University Institute of Pharmaceutical Sciences	Drug Research	2018 - 2019	2194-9379
Zuranolone. GABA-A receptor positive allosteric modulator, Treatment of major depressive disorder, Treatment of postpartum depression.	Mehta, R., Bhandari, R. & Kuhad, A.	University Institute of Pharmaceutical Sciences	Drugs Fut	2018 - 2019	0377-8282

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Aducanumab, Anti-beta-amyloid monoclonal antibody, Treatment of Alzheimer's disease	Khanna, G., Bhandari, R. &&& Kuhad, A.	University Institute of Pharmaceutical Sciences	Drugs of the Future	2018 - 2019	3778282
Rapastinel. NMDA receptor glycine site functional partial agonist, Treatment of major depressive disorder	Bansal, Y. & Kuhad, A.	University Institute of Pharmaceutical Sciences	Drugs of the Future	2018 - 2019	3778-282
Tesofensine. Triple monoamine reuptake inhibitor of dopamine, norepinephrine and serotonin; Treatment of obesity.	Singh, R., Kumar, B. && Kuhad, A.	University Institute of Pharmaceutical Sciences	Drugs of the future	2018 - 2019	0377-8282
Ertugliflozin for the treatment of type 2 diabetes.	Sharma, R., Razdan, K., Kuhad, A. && Kuhad, A.	University Institute of Pharmaceutical Sciences	Drugs Today (Barc)	2018 - 2019	0025-7656
Gepirone hydrochloride: a novel antidepressant with 5-HT1A agonistic properties.	Gill, A. K., Bansal, Y., Bhandari, R., Kaur, S., Kaur, J., Singh, R. && Kuhad, A.	University Institute of Pharmaceutical Sciences	Drugs Today (Barc).	2018 - 2019	1699-3993
Addressing Climate Change Through Sustainable Agriculture Practices in India with Reference to Biogas Programme: Review of State of Punjab (First author)	Dr. Navreet (Co-Author)	Department of Public Administration	Dynamics of Public Administration	2018 - 2019	0975-3907
Other Backward Classes in India: Issues of Population Size, and Spatial Distribution	Krishna Mohan	Department of Geography	Eastern Geographer	2018 - 2019	
The Role of Oxidative Stress in Pathophysiology of Alzheimer's Disease.	Singh, L., Gupta, V., Harchand, S. &&& Kumar, A.	University Institute of Pharmaceutical Sciences	EC Neurology 11.8: 672-680 (2019)	2018 - 2019	0672-680
Diaspora Philanthropy and Development in Rural Punjab: Some useful insights	Nirvair Singh & Kulwinder Singh	University Business School	Economic and Political Weekly Vol.54 No 15	2018 - 2019	0012-9976
Chemical profiling, cytotoxicity and phytotoxicity of foliar volatiles of Hyptis suaveolens	H.P. Singh, D. R. Batish	Department of Botany	Ecotoxicology and Environmental Safety	2018 - 2019	1090-2414
Human Right to Development for Children in India A Study of Child Labour in the Industrial City of Ludhiana Punjab	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	Edulight	2018 - 2019	2278-9545
The Narcotic Drugs and psychotropic substances Act. 1985:A Chronological pregression	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Edulight Vol.7 Issue 14	2018 - 2019	2278-9545
Enhanced Performance of CNT-doped Imine Based Receptors as Fe(III) Sensor Using Potentiometry and Voltammetry	Mittal, S. K., Kumar, S., Kaur, N.	Department of Chemistry	Electroanalysis	2018 - 2019	1040-0397

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Novel electrochemical sensor for mononitrotoluenes using silver oxide quantum dots	Gaurav Bhanjana, Ganga Ram Chaudhary, Neeraj Dilbaghi, Moondeep Chauhan, Ki-Hyun Kim, Sandeep Kumar	Department of Chemistry	Electrochim Acta., 293 (2019) 283-289	2018 - 2019	0013-4686
Awareness and Attitude towards conservation of environment among postgraduate students	Dr. Navleen Kaur&Navneet Kaur	Department of Community Education & Disability Studies	Electronic Interdisciplinary International Research Journal	2018 - 2019	2277-8721
Techno-economic analysis of the lithium-ion and lead-acid battery in microgrid systems	S. Dhundhara, Y.P. Verma, A.Williams	University Institute of Engineering & Technology	Energy Conversion and Management, Volume 177, Pages 122 - 142	2018 - 2019	1968904
Ginkgo biloba attenuates aluminum lactate-induced neurotoxicity in reproductive senescent female rats: behavioral, biochemical, and histopathological study	Verma, S., Ranawat, P., Sharma, N., Nehru, B.	Department of Biophysics	Environmental Science and Pollution Research	2018 - 2019	ISSN:0944-1344E- ISSN:1614-7499
Joint effects of Si and mycorrhiza on the antioxidant metabolism of two pigeonpea genotypes under As (III) and (V) stress	Neera Garg	Department of Botany	Environmental Science and Pollution Research,	2018 - 2019	1614-7499
Catalyst-coated cement beads for the degradation and mineralization of fungicide carbendazim using laboratory and pilot-scale reactor: catalyst stability analysis	Singh, A., Verma, A., Bansal, P., Aggarwal, K., Kaur, T., Toor, A. P., &Sangal, V. K	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environmental technology	2018 - 2019	0959-3330
Removal of pharmaceutical drugs from binary mixtures by use of ZnO nanoparticles: (Competitive adsorption of drugs)	Neeta Sharma & Neha Dhiman	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environmental Technology & Innovation	2018 - 2019	
Toxicological evaluation of metal oxide nanoparticles and mixed exposures at low doses using zebra fish and THP1 cell line.	Kaur, J., Khatri, M., & Puri, S.	University Institute of Engineering & Technology	Environmental toxicology	2018 - 2019	1522-7278
Revised level structure in 127Xe	S. Chakraborty, H. P. Sharma, S. S. Tiwary, C. Majumder, Ashok kumar	Department of Physics	EPL (Europhysics Letters), Volume 121, Number 4	2018 - 2019	xx
Negative parity three-quasiparticle band in 127I	S. Chakraborty, H.P. Sharma, S.S. Tiwary, C. Majumder, P. Banerjee, S. Ganguly, S. Kumar, A. Kumar,	Department of Physics	Eur. Phys. J. A (2018) 54: 112	2018 - 2019	x
Energy dependence of exclusive J/ψ photoproduction off protons in ultra-peripheral p–Pb collisions at √sNN = 5.02 TeV Eur. Phys. J. C 79, no. 5, 402 (2019). ^[1] _{SEP}	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C (2019) 79: 402	2018 - 2019	14346052

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
π^0 and η meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C 78, no. 3, 263 (2018).	2018 - 2019	14346052
Thermal model description of p–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV _{SEP}	N. Sharma, J. Cleymans and L. Kumar	Department of Physics	Eur. Phys. J. C 78, no. 4, 288 (2018).	2018 - 2019	14346052
Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in p–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV _{SEP}	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C 78, no. 6, 466 (2018).	2018 - 2019	14346052
φ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV _{SEP}	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C 78, no. 7, 559 (2018).	2018 - 2019	14346052
Measurement of the inclusive J/ ψ polarization at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C 78, no. 7, 562 (2018).	2018 - 2019	14346052
Neutral pion and η meson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV _{SEP}	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C 78, no. 8, 624 (2018).	2018 - 2019	14346052
Measurement of D0 , D+ , D*+ and DS + at $\sqrt{s} = 5.02$ TeV production in pp collisions with ALICE	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C 79, no. 5, 388 (2019)	2018 - 2019	10298479
Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV _{SEP} Eur. Phys. J. C 79, no. 3, 236 (2019). _{SEP}	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur.Phys.J. C79 (2019) no.3, 236	2018 - 2019	14346052
Potential of Food Tourism in Punjab (India): A study of Amritsar, Jalandhar and Patiala	Dr. Arun Singh Thakur	University Institute of Hotel and Tourism Management	Eurasian Journal of Analytical Chemistry	2018 - 2019	1306-3057
Sending the Sons Away: Western-Himalayan Songs of Women Alone at Home	Mahesh Sharma	Department of Evening Studies	European Bulletin of Himalayan Studies.	2018 - 2019	0943-8254
Pyrophosphate Prompted Aggregation-Induced Emission: Chemosensor Studies, Cell Imaging, Cytotoxicity, and Hydrolysis of the Phosphoester Bond with Alkaline Phosphatase	Raj, P., Singh, A., Singh, A., Singh, A., Garg, N., Kaur, N., Singh, N.	Department of Chemistry	European Journal Of Inorganic Chemistry	2018 - 2019	1434-1948
Pyrophosphate Prompted Aggregation-Induced Emission: Chemosensor Studies, Cell Imaging, Cytotoxicity, and Hydrolysis of the Phosphoester Bond with Alkaline Phosphatase	Raj, P., Singh, A., Singh, A., Singh, A., Garg, N., Kaur, N., Singh, N.	Department of Chemistry	European Journal of Inorganic Chemistry, 2019, 2019, 628	2018 - 2019	1434-1948
Rayleigh-type wave in a nonlocal elastic solid with voids	Dilbag Singh	Department of Mathematics	European Journal of Mechanics - A/Solids	2018 - 2019	0997-7538
Antipsychotics-induced metabolic alterations: Recounting the mechanistic insights, therapeutic targets and pharmacological alternatives	Singh, R., Bansal, Y., Medhi, B. & Kuhad, A.	University Institute of Pharmaceutical Sciences	European Journal of Pharmacology	2018 - 2019	0014-2999

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Synergistic action of ursolic acid and metformin in experimental model of insulin resistance and related behavioural alterations	Mourya, A., Akhtar, A., Ahuja, S., Sah, S.P. & Kumar, A.	University Institute of Pharmaceutical Sciences	European Journal of Pharmacology	2018 - 2019	00142999, 18790712
Synergistic action of ursolic acid and metformin in experimental model of insulin resistance and related behavioral alterations.	Mourya, A., Akhtar, A., Ahuja, S, Sah, S. P. & Kumar, A.	University Institute of Pharmaceutical Sciences	European Journal of Pharmacology, 835 31?40 (2019).	2018 - 2019	0014-2999
Charged-particle pseudorapidity density at mid-rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV Eur. Phys. J. C 79, no. 4, 307 (2019)	Kumar, L. (ALICE Collaboration)	Department of Physics	European Physical Journal C	2018 - 2019	14346052
Genetic variations (Arg5Pro and Leu6Pro) modulate the structure and activity of GPX1 and genetic risk for vitiligo	Shoab MM, Naresh L, Dwivedi M, Dhaval P, Tina A, Singh M, Singh DD, Begum R	Department of Biotechnology	Exp Dermatol	2018 - 2019	1600-0625
Rollercoaster ride of kynurenines: steering the wheel towards neuroprotection in Alzheimer's disease	Sharma, R., Razdan, K., Bansal, Y. & Kuhad, A.	University Institute of Pharmaceutical Sciences	Expert Opin Ther Targets	2018 - 2019	1472-8222
Actinic keratosis and imiquimod: a review of novel carriers and patents	Sharma, M., Sharma, G., Singh, B. & Katare, O. P.	University Institute of Pharmaceutical Sciences	Expert Opinion on Drug Delivery	2018 - 2019	1744-7593
Nanotechnological interventions in dermatophytosis: from oral to topical, a fresh perspective	Bangia, R., Sharma, G., Dogra, S. & Katare, O. P.	University Institute of Pharmaceutical Sciences	Expert Opinion on Drug Delivery	2018 - 2019	1742-5247
Synthetic Toll-Like Receptor Agonists for the Development of Powerful Malaria Vaccines: A Patent Review	Kaur, A.; Kannan, D.; Mehta, S. K.; Singh, S;* Salunke, D. B.	Department of Chemistry	Expert Opinion on Therapeutic Patents	2018 - 2019	837-847
Therapeutic potential of oxazole scaffold: a patent review	Kaur, R., Palta, K., Kumar, M., Bhargava, M. & Dahiya, L.	University Institute of Pharmaceutical Sciences	Expert Opinion on Therapeutic Patents	2018 - 2019	13543776, 17447674
Optic Disc and Optic Cup Segmentation from Retinal Images Using Hybrid Approach	Niharika Thakur, and Mamta Juneja	University Institute of Engineering & Technology	Expert Systems With Applications	2018 - 2019	9574174
Testing of location parameter based on sub-sample mid-range	Narinder Kumar and M. Goyal	Department of Statistics	Far East Journal of Theoretical Statistics	2018 - 2019	0972-0863
Relationship of cost of capital, cost of equity capital, value of firm and other financial variables: Panel data and simultaneous equation analysis of Indian companies	Kaur, P. (Khullar, N.)	University Business School	Finance India	2018 - 2019	Vol. 32, Issue 1, pp. 21-58
Effect of bacteriocin and exopolysaccharides isolated from probiotic on P. aeruginosa PAO1 biofilm	Sharma V, Harjai K, Shukla G	Department of Microbiology	Folia Microbiologica	2018 - 2019	1874-9356

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White tea - A cost effective alternative to EGCG in fight against benzo(a)pyrene (BaP) induced lung toxicity in SD rats	Dhatwalia SK, Kumar M, Bhardwaj, P,Dhawan DK	Department of Biophysics	Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association	2018 - 2019	0278-6915 (Print) 1873-6351 (Electronic) 0278-6915 (Linking)
Probiotic attributes and prevention of LPS-induced pro-inflammatory stress in RAW 264.7 macrophages and human intestinal epithelial cell line (Caco-2) by newly isolated Weissella cibaria strains.	Singh S, Bhatia R, Singh A, Singh P, Kaur R, Khare P, Boparai R, Rishi P, Ambalam, P, Bhadada S, Bis	University Institute of Engineering & Technology	Food and function	2018 - 2019	1254-1264
Correspondence regarding the article A novel metastable state nanoparticle-enhanced Raman spectroscopy coupled with thin layer chromatography for determination of multiple ...	Vishal Sharma	Institute of Forensic Science & Criminology	Food Chemistry	2018 - 2019	18737072, 03088146
Recent trends in active, smart, and intelligent packaging for food products	G Ghoshal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Food packaging and preservation	2018 - 2019	128115165
Effect of Chitosan on Physico-chemical, Rheological Attributes of Bread	Gargi Ghoshal, Sapna Mehta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Food Science and Technology International	2018 - 2019	15321738
Application of trace elemental profile of known teeth for sex and age estimation of Ajnala skeletal remains: A forensic anthropological cross-validation study. Biological Trace Element Research	Sehrawat, JS & Singh, M.	Department of Anthropology	Forensic Imaging	2018 - 2019	26662256,
Administration of probiotic Lactobacillus rhamnosus GG together with celecoxib attenuates oxidative stress and modulates colonic morphology in 1,2 dimethylhydrazine-induced colon cancer in SD rats	Leila Kaeid Sharaf, Mridul Sharma, Geeta Shukla	Department of Microbiology	front oncol	2018 - 2019	2234943X
Corrigendum: Topical Ophthalmic Formulation of Trichostatin A and SurR9-C84A for Quick Recovery Post-alkali Burn of Corneal Haze.	Prof. Rajat Sandhir	Department of Biochemistry	Front. Pharmacol	2018 - 2019	16639812
CD34 and CD117 stemness of lineage-negative cells reverses memory loss induced by amyloid beta in mouse model	Bali, P.a,b, Bammidi, S.b, Banik, A.c, Nehru, B.a, Anand, A.	Department of Biophysics	Frontiers in Behavioral Neuroscience	2018 - 2019	ISSN:1662-5153
Rv1288, a two-domain , cell wall anchored, nutrient stress inducible carboxyl-esterase of Mycobacterium tuberculosis, modulates cell wall lipid	Pratibha Maan, Arbind Kumar, Jashandeep Kaur, Jagdeep Kumar	Department of Biotechnology	Frontiers in cellular and infection microbiology	2018 - 2019	2235-2988

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Cross-Talk Between Gluten, Intestinal Microbiota and Intestinal Mucosa in Celiac Disease: Recent Advances and Basis of Autoimmunity	Chander A. M., Yadav H., Jain S., Bhadada S. K. and Dhawan D.K.	Department of Biophysics	Frontiers in Microbiology	2018 - 2019	ISSN:1664-302X
Quinolinic Acid and Nuclear Factor Erythroid 2-Related Factor 2 in Depression: Role in Neuroprogression.	Bansal, Y., Singh, R., Parhar, I., Kuhad, A. & Soga, T.	University Institute of Pharmaceutical Sciences	Frontiers in Pharmacology	2018 - 2019	1663-9812
Drought or/and Heat-Stress Effects on Seed Filling in Food Crops: Impacts on Functional Biochemistry, Seed Yields, and Nutritional Quality	Prof. Harsh Nayyar	Department of Botany	Frontiers in plant science	2018 - 2019	ISSN: 1664-462X
Pathway editing Targets for Thiamine Biofortification in Rice grains	Minhas, AP., Tuli, R., and Puri, S.	University Institute of Engineering & Technology	Frontiers in plant science	2018 - 2019	1664-462X,
Physicochemical Parameters and Alarming Coliform Count of the Potable Water of Eastern Himalayan State Sikkim: An Indication of Severe Fecal Contamination and Immediate Health Risk.	ingh AK, Das S, Singh S, Pradhan N, Gajamer VR, Kumar S, Lepcha YD and Tiwari HK	Department of Microbial Biotechnology	Frontiers in Public Health	2018 - 2019	2296-2565
Osseous and digital subtraction angiography image fusion via various enhancement schemes and Laplacian pyramid transformations	Dogra Ayush	University Institute of Engineering & Technology	Future Generation Computer Systems	2018 - 2019	0167739X
Two-dimensional gray scale image denoising via morphological operations in NSST domain & bitonic filtering	Goyal Bhawna	University Institute of Engineering & Technology	Future Generation Computer Systems	2018 - 2019	0167739X
Deriving crisp and consistent priorities for fuzzy AHP-based multicriteria systems using non-linear constrained optimization	Raman Kumar Goyal, and Sakshi Kaushal	University Institute of Engineering & Technology	Fuzzy Optimization and Decision Making	2018 - 2019	1573-2908
Maithalisharan Gupt Ke Raamkavye Mey Sanskritik Chetna	Dr. Gurmeet Singh	Department of Hindi	Gaganchal	2018 - 2019	0971-1430
Indian council of Social Science Research	Dr. Ashwani Sharma	Department of Community Education & Disability Studies	Gender and Disability	2018 - 2019	NA
Elucidating genes involved in sesquiterpenoid and flavonoid biosynthetic pathways in Saussurea lappa by de novo leaf transcriptome analysis	SavitaBains,VasundharaThakur,Jagd eepKaur,KashmirSingh,RavneetKaur	Department of Biotechnology	Genomics	2018 - 2019	0888-7543
Identification, characterization and expression profiling of cation-proton antiporter superfamily in Triticum aestivum L. and functional analysis of TaNHX4-B	S. K. Upadhyay	Department of Botany	Genomics	2018 - 2019	0888-7543

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Zircon (U-Th)/He Thermochronometric Constraints on Himalayan Thrust Belt Exhumation, Bedrock Weathering, and Cenozoic Seawater Chemistry	Colleps, C.L., McKenzie, N. R., Stockli, D.F., Hughes, N. C., Singh, B.P., Webb, A. A.G., Myrow, P.	Department of Geology	Geochemistry, Geophysics, Geosystems,	2018 - 2019	15252027
Ionic substitution of Mg ²⁺ for Al ³⁺ and Fe ³⁺ in Al and Fe octahedral layers facilitate precipitation of layered double hydroxides. 217-234	Paikaray, S., Hendry, M.J., Essilfie-Dughan, J.,	Department of Geology	Geochimica et Cosmochimica Acta 220,	2018 - 2019	0016-7037
Makrana Marble: a Popular Heritage Stone Resource from NW India	Sanchit Garg, Parminder Kaur, Manoj Pandit, Fareeduddin, Gurmeet Kaur, Asifa Kamboj & Som N. Thakur	Department of Geology	Geoheritage	2018 - 2019	18672477
The Late Cretaceous-Paleogene Deccan Traps: a Potential Global Heritage Stone Province from India	Gurmeet Kaur, M. F. Makki, R. K. Avasia, B Bhusari, R. A. Duraiswami, M. K. Pandit, et al.	Department of Geology	Geoheritage	2018 - 2019	18672477
Slow food and tourism development: A case study of slow food tourism in Uttarakhand, India	Prashant Kumar Gautam	University Institute of Hotel and Tourism Management	GeoJournal of Tourism and Geosites	2018 - 2019	2065-0817
Chlorine-rich amphibole and biotite in the A-type granites, Rajasthan, NW India: Potential indicators of subsolidus fluid-rock interaction and metallogeny	Kaur, P., Chaudhri, N. and Eliyas, N.	Department of Geology	Geological Journal (John Wiley)	2018 - 2019	1099-1034
Faunal elements from the Deccan volcanosedimentary sequences of India: A reappraisal of biostratigraphic, palaeoecologic, and palaeobiogeographic aspects., Vol. 54:2797–2828	Kapur, V.V. and Khosla, A	Department of Geology	Geological Journal (Wiley),	2018 - 2019	1099-1034
Ordovician-Silurian boundary strata of the Indian Himalaya: Record of the latest Ordovician Boda Event	Myrow, P.M., Fike, A., Malmskog, B., Leslie, S., Zhang, T., Singh, B.P., Chaubey, R. S., and Prasad,	Department of Geology	Geological Society of America Bulletin	2018 - 2019	0016-7606
Youth and Internet Addiction,	Prof.Prabha Vig	Department of Lifelong Learning & Extension	GHG Journal of Sixth Thought	2018 - 2019	2348-9936
A study of personal effectiveness among management students- The future managers	Hlna Juneja, Meenakshi Malhotra	University Business School	Gian jyoti management journal	2018 - 2019	2250-348X
Impact of Automobile Recalls on Stock Prices: A Study in the Indian Context	Dr. Jagandeep Singh	University Institute of Applied Management Sciences	Global Business Review	2018 - 2019	09730664, 09721509
E-LEARNING: AN INNOVATIVE TECHNIQUES IN EDUCATION	Dr. Ram Mehar	University School of Open Learning	Globus Journal of Progressive Education	2018 - 2019	

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Optimization of biological synthesis of silver nanoparticles using Penicillium oxalicum GRS1 and their antimicrobial effect against common food borne pathogens. Green Process. Syn. 8: 144-156.	Rose, G., Soni, R., Rishi, P., Soni, S.K, (2019)	Department of Microbiology	Green Process Synth	2018 - 2019	21919542
Optimization of biological synthesis of silver nanoparticles using Penicillium oxalicum GRS1 and their antimicrobial effect against common food borne pathogens	Rose, G., Soni, R., Rishi, P., Soni, S.K	Department of Microbiology	Green Processing and Synthesis	2018 - 2019	2191-9542
A study of work family conflict in relation to social support and optimism among doctors	Hina Juneja, Meenakshi Malhotra	University Business School	Gyan Jyoti management journal	2018 - 2019	2250-348X
A comparative analysis of user preference for mobile phones and watches: A study of youth in and around Chandigarh	Suri, G.	University Business School	Gyan Management	2018 - 2019	0974-7621
Impact of Customer Orientation on Medical Services, Infrastructure and Communication Dimensions of Service Quality in Hospitals	Dr. Ajay Kumar Dogra	University Institute of Applied Management Sciences	GYAN MANAGEMENT Vol. 12 Issue- 2.(July-Dec, 2018)	2018 - 2019	0974-7621
Scientometric analysis of the College and Research Libraries Journal during 2007-16	Neeraj Kumar Singh , Deepika Tewari	A C Joshi Library	Gyankosh- The Journal of Library and Information Management	2018 - 2019	2229-4023
Alterations in human sperm parameters as a corollary of incubation with various uropathogenic microorganisms.	Harpreet Vander and Vijay Prabha	Department of Microbiology	Gynecology and Reproductive Endocrinology	2018 - 2019	2591-7994
Alterations in human sperm parameters as a corollary of incubation with various uropathogenic microorganisms. Gynecology and Reproductive Endocrinology. 3:1. ISSN: 2591-7994	Vander H and Prabha V (2019).	Department of Microbiology	Gynecology and Reproductive Endocrinology	2018 - 2019	25917994
Experiences and perspectives of victims and perpetrators of bullying.	Garg, M.	University School of Open Learning	Gynodaya	2018 - 2019	0974-1801
New Exploration in Dalit Feminism through the Experiential and Political	Dr Moniva Sarkar	Department of Sociology	Harshvardhan Publication, Maharashtra	2018 - 2019	to be provided
Physiolgical basis for tolerance of yeast Zygosaccharomyces bisporus to salt stress.	Dr. S.C. Sharma	Department of Biochemistry	HAYATI Journal of Biosciences	2018 - 2019	19783019, 20864094.
Prosthetic screw: Design & behavior..	Singla Shefali, Lalit Kumar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Heal Talk	2018 - 2019	ISSN: 0975-6329
Stereolithographic innovations in dentistry	Puneet, Shefali	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Heal Talk	2018 - 2019	ISSN: 0975-6329

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Characterization of functionalized multiwalled carbon nanotubes and comparison of their cellular toxicity between HEK 293 cells and zebra fish in vivo	Chowdhry, A., Kaur, J., Khatri, M., Puri, V., Tuli, R., & Puri, S.	University Institute of Engineering & Technology	Heliyon	2018 - 2019	2405-8440
Daidzein cocrystals: An opportunity to improve its biopharmaceutical parameters.	Yashika Bhalla, Kunal Chadha, Renu Chadha, Maninder Karan	University Institute of Pharmaceutical Sciences	Heliyon	2018 - 2019	2405-8440
68Ga-Glutathione radio-complex as a new diagnostic probe for targeting colon cancer in rats	Summera S., Dhawan D.K., Kumar.R.R., Shukla J., Mittal B.R. and Chadha V.D.	Department of Biophysics	Hellenic Journal of Nuclear Medicine	2018 - 2019	ISSN 17905427
A concept of radiation hormesis: stimulation of antioxidant machinery in rats by low dose ionizing radiation	Sharma S1, Singla N, Chadha VD, Dhawan DK.	Department of Biophysics	Hellenic Journal of Nuclear Medicine	2018 - 2019	ISSN:1790-5427
Stimulation of antioxidant machinery in rats by low dose ionizing radiation: a concept of radiation hormesis	Shilpa Sharma, Neha Singla, Vijayta Dani Chadha, D.K. Dhawan	Centre for Nuclear Medicine	Hellenic Journal of Nuclear Medicine	2018 - 2019	Hellenic Society of Nuclear Medicine
A broad climatostratigraphy of the Himalaya.	Bhargava, O.N., and Singh, B.P.,	Department of Geology	Himalayan Geology	2018 - 2019	9718966
Mahatma Gandhi Kee Ahimsa Niiti: Eak Punrvalokan	Dr. Manish Sharma	Department of Gandhian and Peace Studies	Himprastha	2018 - 2019	2454-972X
Paleoenvironmental and paleobiogeographical implications of the microfossil assemblage from the Late Cretaceous intertrappean beds of the Manawar area, District Dhar, Madhya Pradesh, Central India, Vol. 31 (9), 1145–1160	Kapur, V.V., Khosla, A. and Tiwari, N	Department of Geology	Historical Biology	2018 - 2019	0891-2963
Aloe vera modulates X-ray induced hematological and splenic tissue damage in mice	Bala S, Chugh NA, Bansal SC, Garg ML, Koul A.	Department of Biophysics	Human and Experimental Toxicology	2018 - 2019	ISSN 09603271
Designation-wise Preference of Communication Channels: A Study of Faculty Members of North India	Dr. Rupak Chakravarty and Jyoti Sharma	Department of Library & Information Science	IASLIC Bulletin	2018 - 2019	0018-8441
Usage of print and electronic resources among graduate students of National Institute of Technology, Jaipur (India): An assessment	Dr. Shiv Kumar	Department of Library & Information Science	IASLIC Bulletin	2018 - 2019	0018-8441
Integrated sedimentological, ichnological and sequence stratigraphical studies of the Koti Dhaman Formation (Tal Group), Nigali Dhar Syncline, Lesser Himalaya, India: paleoenvironmental, paleoecological, paleogeographic significance,	Singh, B.P., Bhargava, O.N., Mikuláš, R., Morrison, S., Kaur, R., Singla, G., Kishore, N., Kumar, N.	Department of Geology	Ichnos	2018 - 2019	10420940
Hindi Natakkaar: Vyaktitavya Aur Kartavya	Dr. Navdeep Kaur	Department of Indian Theatre	IDEAL	2018 - 2019	2319-359X
Multiwalled Carbon Nanotube Film Composite for Active Vibration Control of Cantilevered Beam	Gaurav Sapra, Manu Sharma, Renu Vig, Sukesha Sharma	University Institute of Engineering & Technology	IEEE Sensors Journal	2018 - 2019	1530437X

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Decision-fusion-based reliable CSS scheme in CR networks	Mustafa, Rashid, Reena Rathee Jaglan, and Sunil Agrawal	University Institute of Engineering & Technology	IET Communications	2018 - 2019	17518628
DCA-based unimodal feature-level fusion of orthogonal moments for Indian sign language dataset	Garima Joshi, Renu Vig, Sukhwinder Singh,	University Institute of Engineering & Technology	IET Computer Vision	2018 - 2019	1751-9632
Optimization of Deviation Settlement Charges using Residential Demand Response under Frequency Linked Pricing Environment	Yajvender Pal Verma	University Institute of Engineering & Technology	IET Generation, Transmission and Distribution	2018 - 2019	17518687, 17518695
Arvind Malagatti Government Brahmana:surviving against Mainstream Arena	Amandeep	Department of Evening Studies	IJELLH	2018 - 2019	ISSN2321-7065
Demand response based dynamic dispatch of microgrid system in hybrid electricity market	Deepak Kumar	University Institute of Engineering & Technology	IJESM	2018 - 2019	1750-6220
Modelling and Optimization of Cutting Forces and Tool Wear in Milling of Aerospace Al 6061 (sic) Composites UGC Care Ref No 194, In Scopus List)	Dr Harminder Singh Bains	P.U. S.S. Giri Regional Centre, Hoshiarpur	IJITEE	2018 - 2019	ISSN NO. 2278-3075 VOL 8 ISSUE 10S
Section 35 of The Narcotic Drugs and psychotropic substances Act. 1995:A Critical Analysis	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	IJRSS, vol.8, Issue 10(1)	2018 - 2019	2249-2496
Effect of redox status of peripheral blood on immune signature of circulating regulatory and cytotoxic T cells in streptozotocin induced rodent model of type I diabetes.	Dr. Nirmal Prabhakar	Department of Biochemistry	Immunobiology	2018 - 2019	ISSN: 0171-2985 (Print) 1878-3279 (Electronic) 0171-2985 (Linking)
Web 2.0 to learning 2.0: understanding the concept	Panwar, D. & Thakur, K	Institute Of Educational Technology & Vocational Education	IMPACT: International Journal of Research in Humanities, Arts and Literature, 6(6), 471-478	2018 - 2019	2321-8878
A review of microstructure, mechanical properties and wear behavior of hybrid aluminium matrix composites fabricated via stir casting route	Dr.Jaswinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	Indian Academy of Sciences	2018 - 2019	0256-2499 (print),0973-7677 (online)
Regional Manufacturing Disparity in India and the Role of Investment: A Keynesian-Youngian-Kaldorian Note	Padhi,S.P	Department of Economics	Indian Economic Journal,65(1-4): 159-171	2018 - 2019	ISSN: 0019-4662 Online ISSN: 2631-617X

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Book Review of Changing India by Manmohan Singh published by OUP.	Sawhney, Upinder	Department of Economics	Indian Economic Review, 54 (1):189-192.	2018 - 2019	ISSN 0019-4670 eISSN 2520-1778
Indian Draft DNA Profiling Act: Implications for Institutionalisation and Growth of Forensics.	jagdish rai	Institute of Forensic Science & Criminology	Indian Internet Journal of Forensic Medicine AND Toxicology	2018 - 2019	0973-1970
Contraceptive Sperm Agglutinating Proteins Identified in Staphylococcus warneri, Natural Microflora of an Infertile Woman	Pant NC, Singh R, Chauhan A, Gupta V, Mavuduru RS, Prabha V, Sharma P	Department of Microbiology	Indian J Microbiol	2018 - 2019	468991
Potentially Active Fluorescent Drug Polymer Nanoconjugate for Antibacterial Drug Delivery	H. Singh, T. Raj , T. S. Banipal and S. K. Mehta	Department of Chemistry	Indian J Pharm Sci 2018;80(5):827-836	2018 - 2019	0250-474X
Learning preferences of undergraduate dental students: a longitudinal assessment over four years.	Urvashi Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian J Physiol Pharmacol	2018 - 2019	ISSN:195499
Neuroprotective effects of Aegle marmelos (L.) correa against cadmium toxicity by reducing oxidative stress and maintaining the histoarchitecture of neural tissue in BALB/c e	Seth, E., Kaushal, S., Ahsan, A. U., Sharma, V. L. and Chopra, M.	Department of Zoology	Indian Journal of Biochemistry and Biophysics	2018 - 2019	0975-0959 (Online); 0301-1208 (Print)
Evaluation of heavy metal resistance profile of Candida parapsilosis	Bansal, S., Garg, M., Chatterjee, M.	University Institute of Engineering & Technology	Indian Journal of Biotechnology	2018 - 2019	9725849
Cellulose fiber extracted from Napier grass in PVA composites	A Kaur, H Setia, R K Wanchoo	University Institute of Engineering & Technology	Indian Journal of Chemical Technology	2018 - 2019	0971-457X
Lodged foreign bodies in anterior teeth- two case reports and a decadal review.	Urvashi Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal of Contemporary Dentistry	2018 - 2019	Print ISSN: 2320-5806 Online ISSN: 2320-5962
Perceptual determinants of executive compensation: Survey-based evidence from India	Gill, S. (Kohli, M.)	University Business School	Indian Journal of Corporate Governance	2018 - 2019	Vol. 11, Issue 2, pp. 159-184
Simple technique to fabricate a crown for abutment of an existing Cast Partial Removable Denture.	Singla Shefali	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian Journal of Dental Sciences	2018 - 2019	19983603, 09709290
Massive Online Open Courses (MOOCs): A Quantum Leap for ODL.	Singh, J.J., Pant ,M.M. & Singh, S.	University School of Open Learning	Indian Journal of Distance Education	2018 - 2019	ISSN-2249-9415 Volume XII 1- 42 (2019),
Role of distance education in enhancing the literacy.	Mehar, R.	University School of Open Learning	Indian Journal of Distance Education	2018 - 2019	ISSN: 2249-9415

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Academic success among distance learners in relation to their demographic variables.	Garg, M. & Kaur, A.	University School of Open Learning	Indian Journal of Distance Education, Vo. XII	2018 - 2019	2249-9415
Control and Coordination of Open and Distance Learning in Higher Education- A Study (Co-author- Seema Jagpal)	Prof. Swinder Singh	University School of Open Learning	Indian Journal of Distance education.	2018 - 2019	
IMPLEMENTATION OF PEOPLE ANALYTICS IN INDIAN ORGANIZATIONS - A STUDY OF IT/ITES COMPANIES	HARGOVIND KAKKAR, SANJAY KAUSHIK	University Business School	Indian Journal of Economics & Business	2018 - 2019	0972-5784
Trends in Financial Development in India	Kumar, Gulshan	University Institute of Legal Studies	Indian Journal of Economics and Development	2018 - 2019	ISSN 2277-5412
China's Export Performance during Liberalised Era	Kulwinder Singh , Surinder K. Singla , and Jatinder Singh	University Business School	Indian Journal of Economics and Development (2018) 14(3), 420-429	2018 - 2019	2277-5412
Importance of Variables in Nonalcoholic Fatty Liver Disease Patients	Neelam Goel	University Institute of Engineering & Technology	Indian Journal of Endocrinology and Metabolism	2018 - 2019	22309500
Assessment of Water Quality, Heavy Metal Contamination and its Indexing Approach of Dhanas Lake in Patiala Ki Rao Reserve Forest Area, Chandigarh.	Kaur, R., Garg, V., Kaur, R., Pandit, S., Attri, S.V. and Ahluwalia, A.S.	Department of Zoology	Indian Journal of Environmental Protection.	2018 - 2019	ISSN : 0253 – 7141
Gender Dynamics of Schooling: A Comparative Study of Co-Educational Practices in Varied Socio-Cultural Milieus	Kamlesh Narwana	P.U. Rural Centre, Kauni, Muktsar	Indian Journal of Gender Studies	2018 - 2019	yes
Changes in the Patterns of Crop Diversification in Himachal Pradesh: 1971-2011	Navneet Kaur	Department of Geography	Indian Journal of Hill Farming	2018 - 2019	ISSN 0970-6429
Early Spatial Diffusion of Orchards in Himachal Pradesh: India 1950-1995	Navneet Kaur	Department of Geography	Indian Journal of Hill Farming	2018 - 2019	ISSN 0970-6429
Economic viability of organic farming in Himachal Pradesh: An empirical verification	Raj, T.	University Business School	Indian Journal of Hill Farming	2018 - 2019	9706429
Economics of Economic Development: Endogeneity of Rate of Interest and Prices	Padhi,S.P	Department of Economics	Indian Journal of Industrial Relation, 54(1): 1-19	2018 - 2019	0019-5286
Keynes’s Dynamic ISLM versus Taylor Rule, Indian Journal of Industrial Relation, 54(2): 227-243 (October 2018).	Padhi,S.P	Department of Economics	Indian Journal of Industrial Relation, 54(2): 227-243	2018 - 2019	0019-5286
Modern Banking: Some Differing Perspectives and the Issue of NPA	Padhi,S.P	Department of Economics	Indian Journal of Industrial Relation, 54(3):396-413	2018 - 2019	ISSN Number: 0019-5286
Quality of medical education: Is our health in safe hands?	Kanchan, T. Krishan, K&#amp; Dehal, N.	Department of Anthropology	Indian Journal of Medical ethics	2018 - 2019	9748466

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Effect of Neem and Bacillus thruingiensis on egg hatching of Meloidogyne incognita.	H. Kaur, H. Kaur, H and P.Rishi	Department of Zoology	Indian Journal of Nematology,	2018 - 2019	Print ISSN: 0303-6960; Online ISSN:0974-444
Alteration in memory cognition due to activation of caveolin-1 and oxidative damage in a model of dementia of Alzheimer's type.	Gupta, A., Sharma, A., Kumar, A. & Goyal, R.	University Institute of Pharmaceutical Sciences	Indian Journal of Pharmacology	2018 - 2019	02537613, 19983751
Molecular breeding approaches involving physiological and reproductive traits for heat tolerance in food crops	Prof. Harsh Nayyar	Department of Botany	Indian Journal of Plant Physiology	2018 - 2019	ISSN: 0019550 2, 09740252
Wheat TaVIT2D restores phenotype and mediates iron homeostasis during growth of Arabdopsis thaliana in iron deficient condition	Rajajeet, Sudhir P. Singh, Sidharth Tiwari, and Promila Pathak	Department of Botany	Indian journal of plant physiology	2018 - 2019	0974-0252
Awareness of cyberethics among teacher educators	Kaur, K.	Institute Of Educational Technology & Vocational Education	Indian Journal of Psychological Science	2018 - 2019	0976-9218
Perceptions of primary school teachers towards quality of in-service teacher training programmes in Punjab.	Grover, J. and Kumar, S.	Department of Education	Indian Journal of Psychological Science, 9 (2), 31-41.	2018 - 2019	0976-9218
A comperative study on mental toughness of Para-Gliders and wrestlers	Prof. Gurmeet Singh	Department of Physical Education	Indian Journal of psychology	2018 - 2019	0019-5553
Levels of Multitasking and Cognitive Performance	H.K. Chhabra and Heena Parveen	Department of Psychology	Indian Journal of Psychology	2018 - 2019	2231-1432
Perfectionism and Excellence	Jitendra Mohan and Guneet Inderjit Kaur	Department of Psychology	Indian Journal of Psychology	2018 - 2019	0019-5553
Performance Failture Appraisal, Perfectionism and Coping Among Athletes : A Study Across Types of Sports and Gender	Jitendra Mohan and Z Jafari	Department of Psychology	Indian Journal of Psychology	2018 - 2019	0019-5553
The Role of Psychological Factors in Hypertensive Women	Jitendra Mohan and Meena Sehgal and Usha Sharma	Department of Psychology	Indian Journal of Psychology	2018 - 2019	0019-5553
School internship programme: Experiences and perceptions of prospective teachers.	Grover, J.	Department of Education	Indian Journal of Psychology and Education, 8(2), 108-118.	2018 - 2019	2231-1432
Health Related Quality of Life and Its Correlates Among Urban and Rural Women with Knee Osteoarthritis	Meena Sehgal and S Kaur	Department of Psychology	Indian Psychological Review	2018 - 2019	0019-6215
Relationship of Self Compassion with Physical and Mental Health	Meena Sehgal and Amreen Sekhon	Department of Psychology	Indian Psychological Review	2018 - 2019	0019-6215

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Evaluation of curcumin gel as adjunct to scaling and root planning in management of periodontitis	Vishakha Grover,Dr. Mili Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Infectious Disorders-Drug Targets	2018 - 2019	18715265
Periodontal infectogenomics	Dr Nandini Bhaskar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Inflammation and Regeneration	2018 - 2019	18809693
Targeting oxidative stress, acetylcholinesterase, proinflammatory cytokine, dopamine and GABA by Eucalyptus oil (Eucalyptus globulus) to alleviate ketamine-induced psychosis in rats Inflammopharmacology 27(2): 301-311 (2019)	Yadav, M., Jindal, D. K., Dhingra, M. S., Kumar, A., Parle, M. & Dhingra, S.	University Institute of Pharmaceutical Sciences	Inflammopharmacology	2018 - 2019	09254692, 15685608
Tramadol ameliorates behavioural, biochemical, mitochondrial and histological alterations in ICV-STZ-induced sporadic dementia of Alzheimer's type in rats	Dhull, D. & Kumar, A.	University Institute of Pharmaceutical Sciences	Inflammopharmacology	2018 - 2019	1568-5608
Integrated Speaker and Speech Recognition for Wheel Chair Movement Using Artificial Intelligence	Kaur G, Srivastava M, Kumar	University Institute of Engineering & Technology	Informatica	2018 - 2019	8684952
A Series of Ln-based MOFs Derived from Furan-2,5-Dicarboxylate and Glutarate: Structure-DFT Corroborated Study, Magnetocaloric Effect, Slow Relaxation of Magnetization and Luminescent Properties	Wu M., Hui L.; Mukaddus K.; Antonio F.; Heikh S.; Nawaz H.; Sui-Jun L.; Sahoo S. C.; Antonio F.	Department of Chemistry	Inorganic Chemistry. 2019, 58, 12, 7760-7774	2018 - 2019	0020-1669
Metal-Organocatalyst for detoxification of phosphonothioate of phosphorothioate pesticides: Demonstration of acetylcholine esterase activity	Singh, A., Raj, P., Singh, A., Dubowski, J. J., Kaur, N., Singh, N.	Department of Chemistry	Inorganic Chemsitry	2018 - 2019	0020-1669
Synthesis and Structural Characterization of first Adenine containing Organosilicon Nucleobase for the recognition of Cu ²⁺ ion. Inorganica Chimica Acta	Gurjaspreet Singh, Geetika Sharma, Pooja Kalra, Sanchita, Vikas Verma, V. Ferretti	Department of Chemistry	Inorganica chemica acta	2018 - 2019	0020-1693
First report of silver ion recognition via a silatrane-based receptor: excellent selectivity, low detection limit and good applicability	Gurjaspreet Singh, *a Akshpreet Singh,a Pinky Satija,a Geetika Sharma,a Shilpy,a Jandeep Singh, b Ja	Department of Chemistry	Inorganica Chimica Acta	2018 - 2019	0020-1693
New copper(II) niflumate complexes with N-donor ligands: Synthesis, characterization and evaluation of anticancer potential against human cell lines	Kumar, S., Sharma, R.P., Venugopalan, P., Ferretti, V., Tarpin, M., Sayen, S.,Guillon, E.	Department of Chemistry	Inorganica Chimica Acta	2018 - 2019	0020-1693
Selective and sensitive fluorescence recognition of Pb(II) in aqueous medium by organic nanoparticles of a urea linker based tetrapodal receptor: Effect of linker molecules in a sensor on chemosensing	Mishra, J., Kaur, N., Ganguli, A. K.	Department of Chemistry	Inorganica Chimica Acta	2018 - 2019	0020-1693

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Probing anion and cation with novel salicylidene Schiff base receptor appended with 1, 10-phenanthroline: Mimicking INHIBIT molecular logic gate	Priya Alreja, Navneet Kaur	Department of Chemistry	Inorganica Chimica Acta 480 (2018) 127–131	2018 - 2019	0020-1693
Stereoselective synthesis, spectroscopic and X-ray crystallographic characterization of novel trans- and cis-3-methylseleno substituted monocyclic b-lactams: Potential synthons for C-3 functionalized/bicyclic/halospiroseleno-b-lactams of medicinal interest.	AmanBhallaaYogeshNagpalaShiwan iBerryaDipikaNarulaaS.S.BariaK.K.B hasinaRajeev	Department of Environment Studies	InorganicaChimica Acta	2018 - 2019	0020-1693
Characterization of a Kunitz-type serine protease inhibitor from Solanum tuberosum having lectin activity	• Shah K, Patel D, Ratna Prabha C, Singh DD	Department of Biotechnology	int j Biol Macromol	2018 - 2019	0141-8130
Recurrent Kawasaki Disease Presenting to Dentists: Think Beyond Dentition.	Dr Jyoti Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Int J Clin Pediatr Dent	2018 - 2019	9747052
A theoretical insight into the role of counter anions and their interactions in nitropentaamminecobalt(III) toward linkage isomerism-induced photochemical motion	Jules Tshishimbi Muya, Biswa Ranjan Meher, Subash Chandra Sahoo, Hoeil Chun	Department of Chemistry	Int J. Quantum Chem. 2019; e25929	2018 - 2019	0020-7608
Revisiting CP violation in the CKM paradigm	Manmohan Gupta, Gulsheen Ahuja, Nikhila Awasthi, Aakriti Bagai	Department of Physics	Int.J.Mod.Phys.A	2018 - 2019	0217-751X
Texture zero mass matrices and nature of neutrinos	Gulsheen Ahuja, Manmohan Gupta	Department of Physics	Int.J.Mod.Phys.A	2018 - 2019	0217-751X
Influence of step-edge induced antiphase boundary density on the magnetoresistance behavior of epitaxial Fe3O4 thin films	Sunil K. Arora	Centre for Nanoscience and Nanotechnology	Integrated Ferroelectrics	2018 - 2019	16078489, 10584587
Structural insights and influence of V599 mutations on the overall dynamics of: BRAF protein against its kinase domains	Mayank, Kaur, N., Singh, N.	Department of Chemistry	Integrative Biology (United Kingdom)	2018 - 2019	1757-9694
Identification of Students with Dyspraxia at Primary School Level	Dr. Rekha Rani & Kuljinder Kaur	Institute Of Educational Technology & Vocational Education	Intellectual Quest	2018 - 2019	2349-1949
Women and Human Rights in India: Myth and Reality	Dr. Rajneesh	P.U. Rural Centre, Kauni, Muktsar	Intellectual Quest	2018 - 2019	2349-1949
Godmen Influence on the Lives of Urban Society People: An Exploration	Dr. Navleen Kaur and Nupur Nag	Department of Community Education & Disability Studies	International Education and Research Journal	2018 - 2019	2454-9916

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Activity of rutin, a potent flavonoid against SSG-sensitive and -resistant Leishmania donovani parasites in experimental leishmaniasis.	Chauhan K, Kaur G, Kaur S.	Department of Zoology	International Immunopharmac	2018 - 2019	ISSN / eISSN: 1567-5769 / 1878-1705
Progressive increase in allergen concentration abrogates immune tolerance in ovalbumin-induced murine model of chronic asthma	Prof. Amarjit Singh Naura	Department of Biochemistry	International immunopharmacology	2018 - 2019	ISSN: 1567-5769 (Print) 1878-1705 (Electronic) 1567-5769 (Linking)
Life skills education in India: Initiatives and challenges.	Grover, J.	Department of Education	International Inventive Multidisciplinary Journal, 6(3), 124-137.	2018 - 2019	2348-7135
Low Cost, Wireless Patient Monitoring System with Single Sensor using Arduino and GSM	Ravi Sahota, Poonam Kumari	University Centre of Instrumentation and Micro-Electronics	International Journal for Research in Applied Science & Engineering Technology	2018 - 2019	20818491
corporate governance structure and Total Debt - with special reference to RBI list of defaulters	Harsh Tuli	University Institute of Applied Management Sciences	International Journal for Research in Engineering Application and Management	2018 - 2019	2454-9150
green human resources management	yogita sarohi	P.U. Rural Centre, Kauni, Muktsar	international journal for research in engineering application and management	2018 - 2019	2454-9150
Academic achievement of senior secondary students in relation to their intelligence and meta-cognitive ability.	Mehar, R., & Sharma, J	University School of Open Learning	International Journal of Advance & Innovative Research	2018 - 2019	ISSN: 2394-7780
employee development and its impact on job satisfaction among journalist of Chandigarh an Punjab	Shveta Aggarwal Bhatia and Sanja Kaushik	University Business School	International journal of advance and innovative research	2018 - 2019	2278-7844
Employee development and its impact on job satisfaction among journalists of Chandigarh and Punjab	Prof. Sanjay Kaushik, Sheveta Aggarwal Bhatia	University Business School	International journal of Advance and Innovative Research	2018 - 2019	2394-7780
Relationship of organisational justice with instigated workplace incivility: A study of IT firms in and around Chandigarh	Amandeep Nahar and Sanjay Kaushik	University Business School	International journal of Advance and Innovative research	2018 - 2019	2278-7844

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Efficacy of plant extract, Emblica officinalis in remediation of malachite green induced demeanor alterations in Cyprinus carpio	Sinha, R. and Jindal, R.	Department of Zoology	International Journal of Advanced Research,	2018 - 2019	2320-5407
An Empirical study of training and development and its impact on HR strategies of Employee retention in Hospitality Industry of Uttarakhand	Dr Neeraj Aggarwal & Kumar Satyam	University Institute of Hotel and Tourism Management	International Journal of Advanced Scientific Research and Management	2018 - 2019	2455-6378
Investigation of Off-targets of NSCLC drug Ceritinib: A Structure Based Systems Biology Approach	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	International Journal of Advanced Scientific Research and Management (IJASRM)	2018 - 2019	2455-6378
Hydrogeochemical assessment of Groundwater in Sagar Island Region, South 24-Parganas, West Bengal, India	Debabrata Das	Department of Geology	International Journal of Advanced Scientific Research and Management,	2018 - 2019	ISSN 2455-6378
Security Framework Against Denial Of Service Attack On Cognitive Radio Networks	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Advanced Scientific Research and Management, VOLUME 3 ISSUE 10	2018 - 2019	2455-6378
ANN Application in Sensing-Transmission Scheduling in Cognitive Radio	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Advanced Scientific Research and Management, Volume 4 Issue 6	2018 - 2019	2455-6378
Dynamics of Indian stock market and monetary policy	Sharma, Nishi	University Institute of Applied Management Sciences	International Journal of Applied Business and Economic Research	2018 - 2019	0973 - 3167
Entrepreneurial Intentions among Engineering Students: An Empirical Investigation	Monika Aggarwal	University Institute of Applied Management Sciences	International Journal of Applied Business and Economic Research	2018 - 2019	0972-7302
Government's Initiatives for Promoting Women Owned Startups: North India Scenario	Sethi, Upasna Joshi	University Institute of Applied Management Sciences	International Journal of Applied Business and Economic Research	2018 - 2019	0972-7302
Supportive Role of Government in Promoting Start-Ups: A Study of Tri-City	1 Sonam Sharma, 2 Kapil Sharma & 3 Monika Aggarwal	University Institute of Applied Management Sciences	International Journal of Applied Business and Economic Research	2018 - 2019	0972-7302
Government 's Initiatives for Promoting Women – Run Startups : North Indian Scenario.	Upasna Joshi	University Institute of Applied Management Sciences	International Journal of Applied Business and Economic Research, 17(3), 1–6.pp 5-9	2018 - 2019	ISSN : 0972-7302

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An experimental investigation during Electro Chemical Discharge Machining of e-glass fibre reinforced polymer composite	Dr.Gaurav Saini	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Applied Engineering Research	2018 - 2019	ISSN 0973-4562 Volume 13, Number 11 (2018) pp. 8899-8906
A study of dilemma faced by the student population of Panjab University Chandigarh in finding plus size clothing	Dr Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Applied Home Science	2018 - 2019	2394-1413
A Study of Shopping Behaviour of Young Women Buying Ethnic and Western Clothing in Chandigarh	Dr. Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Applied Home Science	2018 - 2019	ISSN: 2394-1405
Attractive shopping malls influencing the purchase pattern of customers	RAMANDEEP BAWA, A.K. SINHA & AND RITA KANT	Department of Anthropology	International Journal of Applied Home Science	2018 - 2019	2394-1413
Impact of visual merchandising as a motivating factor on shopper buying behaviour	RAMANDEEP BAWA*1, RITA KANT2 AND A.K. SINHA	Department of Anthropology	International Journal of Applied Home Science	2018 - 2019	ISSN : 2394-1413
Impact of Visual Merchandizing as Motivating Factor on Shopping behavior	Dr Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Applied Home Science	2018 - 2019	ISSN:2394-1413
High strain rate behaviour of epoxy graphene oxide nano composites	Prof. Amrinder Pal Singh	University Institute of Engineering & Technology	International Journal of Applied Mechanics	2018 - 2019	1758-826X
Impact of digitization in the distance education.	Mehar, R.	University School of Open Learning	International Journal of Applied Research,	2018 - 2019	Print ISSN: 2394-7500, E-ISSN: 2394-5869.
Construction and standardization of high order thinking scale in mathematics.	Mehar, R. & Sanwal, N.	University School of Open Learning	International Journal of Applied Social Science	2018 - 2019	ISSN: 2394-1405.
Recycling Practices of Clothing and Textiles: A Case Study of Women of Chandigarh	Dr Anu H Gupta	University Institute of Fashion Technology & Vocational Development	International Journal of Applied Social Science	2018 - 2019	ISSN:2394-1405
Machining Perfromance Investigation of AISI304 Austenitic Stainless Steel Under Different Turning Enviornments	Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Automotive and Mechnaical Engineering	2018 - 2019	2229-8649
Management of Municipal Solid Waste and Production of Biodegradable Packaging Material: A Double Edged Green Technology Approach	Rishi, V., Sandhu, A., Kaur, J., Vij, S., Sharma, S. and Soni, S.K	Department of Microbiology	International journal of basic and applied research	2018 - 2019	2278-0505
Production of Exopolysaccharide by Enterobacter cloacae, a root nodule isolate from Phaseolus vulgaris: Parameter optimization for yield enhancement under submerged fermentation.	Rahi, D. K., Ekta Chaudhary && Deepika Malik	Department of Microbiology	International journal of basic and applied research	2018 - 2019	2249-3352

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Chitosan-tailored lipidic nanoconstructs of Fusidic acid as promising vehicle for wound infections: An explorative study	Thakur, K., Sharma, G., Singh, B., Chibber, S., Patil, A. B. & Katare, O. P.	University Institute of Pharmaceutical Sciences	International Journal of Biological Macromolecules	2018 - 2019	0141-8130
Chitosan-tailored lipidic nanoconstructs of Fusidic acid as promising vehicle for wound infections: An explorative study.	hakur K., Sharma G., Singh B., Jain A., Patil AB., Chhibber S., Katare OP	Department of Microbiology	International Journal of Biological Macromolecules	2018 - 2019	0141-8130
Cloning, expression and characterization of a mucin-binding GAPDH from Lactobacillus acidophilus	Patel DK, Shah KR, Pappachan A, Gupta S , Singh DD	Department of Biotechnology	International Journal of Biological Macromolecules	2018 - 2019	0141-8130
Finger millet arabinoxylan protects mice from high-fat diet induced lipid derangements, inflammation, endotoxemia and gut bacterial dysbiosis.	Sarma SM, Singh DP, Singh P, Khare P, Mangal P, Singh S, Bijalwan V, Kaur J, Mantri S, Boparai RK, M	University Institute of Engineering & Technology	International Journal of Biological Macromolecules	2018 - 2019	0141-8130
Functional substitution of domain 3 (T1 copper center) of a novel laccase with Cu ions	Gupta, V., Balda, S., Gupta, N., Capalash, N., & Sharma, P	Department of Microbiology	International Journal of Biological Macromolecules	2018 - 2019	0141-8130
Genomic dissection and transcriptional profiling of Cysteine-rich receptor-like kinases in five cereals and functional characterization of TaCRK68-A	Shumayla, ShiviTyagi,AlokSharma,KashmirSingh,Santosh KumarUpadhyay	Department of Biotechnology	International Journal of Biological Macromolecules	2018 - 2019	0141-8130
Mannans: An overview of properties and application in food products	S Singh, G Singh, SK Arya	University Institute of Engineering & Technology	International journal of biological macromolecules	2018 - 2019	0141-8130
Metagenomic analysis of geothermal water reservoir sites exploring carbohydrate-related thermozymes	Kaushal, G., Kumar, J., Sangwan, R. S., & Singh, S. P	Department of Microbial Biotechnology	International Journal of Biological Macromolecules	2018 - 2019	0141-8130
Rv0518, a nutritive stress inducible GDSL lipase of Mycobacterium tuberculosis enhanced intracellular survival of bacteria by cell wall modulation	Jashandeep Kaur, Jagdeep Kaur	Department of Biotechnology	International journal of biological macromolecules	2018 - 2019	0141-8130
Thermo and alkali stable β -mannanase: characterization and application for removal of food (mannans based) stain	S Singh, G Singh, M Khatri, A Kaur, SK Arya	University Institute of Engineering & Technology	International journal of biological macromolecules	2018 - 2019	01418130, 18790003
Utility of laccase in pulp and paper industry: A progressive step towards the green technology	G Singh, SK Arya	University Institute of Engineering & Technology	International journal of biological macromolecules	2018 - 2019	0141-8130
Xylanase immobilization on magnetite and magnetite core/shell nanocomposites using two different flexible alkyl length organophosphonates: Linker length and shell effect on enzyme catalytic activity.	Prof. Rajat Sandhir	Department of Biochemistry	International Journal of Biological Macromolecules	2018 - 2019	ISSN: 0141-8130 (Print) 1879-0003 (Electronic) 0141-8130 (Linking)

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Mobile Banking at the Bottom of Pyramid: Risk Perceptions and Opportunities	Kansal Purva Vinay Kumar Chagati	University Business School	International Journal of Business Insights and Transformation (IJBIT),	2018 - 2019	0974-5874
Chemopreventive role of olive oil in colon carcinogenesis by targeting noncoding RNAs and methylation machinery.	Prof. Akhtar Mahmood	Department of Biochemistry	International journal of cancer	2018 - 2019	ISSN: 0020-7136 (Print) 1097-0215 (Electronic) 0020-7136 (Linking)
Organised approach for the rehabilitation for the rehabilitation of mutilated dentition associated with amelogenesis imperfecta – a case report	Virender Kumar, Sharique Rehan	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Clinical and Diagnostic Research	2018 - 2019	2395-3403
An overview of flow based anomaly detection	Rohini Sharma, A. Guleria, R.K. Singla	Department of Computer Science & Applications	International Journal of Communication Networks and Distributed Systems	2018 - 2019	1754-3924 (online) 1754-3916 (print)
An Etymological Explanation of divine eye or Mindfulness in Tibetan Buddhism	Vijay Kumar Singh	Department of Chinese and Tibetan Languages	International Journal of Complementary and Alternative Medicine	2018 - 2019	23811803
Classification of Satellite Images Using Perceptron Neural Network	M. Syamala Devi and Sunita Chib	Department of Computer Science & Applications	International Journal of Computational Intelligence Research	2018 - 2019	0973-1873
Sarcasm Detection : A Review	Dr. Puneet jai Kaur	University Institute of Engineering & Technology	International Journal of Computer Engineering and Applications	2018 - 2019	2321 3469
Channel Estimation in SC-FDMA using Flower Pollination Algorithm (FPA), 20th Nov 2018, Volume 6 Issue 1	Jaget Singh, Malook Singh, Sarvjit Singh	University Institute of Engineering & Technology	International Journal of Computer Science and Engineering (IJCSE)	2018 - 2019	2347-2693
Recommendation Systems, Incorporating Sentiment Analysis with Specific Reference to the Academic Domain	Anil Kumar, Sonal Chawla	Department of Computer Science & Applications	International Journal of Computer Sciences and Engineering	2018 - 2019	2347-2693
An Insight into Educational Data Mining	Balwinder Kaur, Anu Gupta, R.K.Singla	Department of Computer Science & Applications	International Journal of Computer Sciences and Engineering	2018 - 2019	E-ISSN: 2347-2693
Contribution of Word length in Deletion Error analysis of Punjabi Typed Text	Ms.Meenu Bhagat	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Computer Sciences and Engineering	2018 - 2019	2347-2693

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e-Census Based Decision Making for Employment Planning	Ajay Dutta, M. Syamala Devi and Manish Arora	Department of Computer Science & Applications	International Journal of Computer Sciences and Engineering	2018 - 2019	2347-2693
Cloud Computing and Data Security : AWS and Google Case Study	Sh. Rajinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Computer Sciences and Engineering Vol.-7, Issue-2, Feb 2019	2018 - 2019	2347-2693
3D Game Development Engines and 3D Modeling	Sh. Rajinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Computer Sciences and Engineering Vol.-7, Issue-4, April 2019	2018 - 2019	2347-2693
Issues and Trends in Autoconfiguration of IP Address In MANET	DR. Harish KUMAR, RK Singla, Siddharth Malhotra	University Institute of Engineering & Technology	International Journal of Computers, Communications and Control	2018 - 2019	1841-9844
Alcoholism and its effect on Family ; A Secondary Study	Amandeep Singh	Department of Evening Studies	International Journal of Creative Research Thoughts	2018 - 2019	2320-2882
PERCEPTION ABOUT HEALTH CARE SERVICES OF SLUM DWELLERS; A STUDY IN UNION TERRITORY OF CHANDIGARH	Amandeep Singh	Department of Evening Studies	International Journal of Creative Research Thoughts	2018 - 2019	2320-2882
ROLE OF EDUCATION IN EMPOWERMENT OF WOMEN; A SOCIOLOGICAL STUDY	Amandeep Singh	Department of Evening Studies	International Journal of Creative Research Thoughts	2018 - 2019	2320-2882
Molecular mechanism of allium sativum Garlic and their functional active compounds: Emerging trends and their status in health.	Saini, N., Kadian, M. & Kumar, A.	University Institute of Pharmaceutical Sciences	International Journal of Current Advanced Research	2018 - 2019	2319-6475
Comparative evaluation of the effectiveness of various finish lines on the marginal seal and occlusal discrepancies of cast full crown after edentulous in vitro study	Virender Kumar, Sharique Rehan	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Dental Science and Innovative Research	2018 - 2019	ISSN: 2581-5989
Decreased expression of neuregulin 1 in the lesional skin of vitiligo patients	Rani, S., Kumari, U., Bhardwaj, S., Parsad, D., Sharma, V. L., Kumar, R	Department of Zoology	International journal of Dermatology	2018 - 2019	ISSN / eISSN: 0011-9059 / 1365-4632
Decreased expression of neuregulin1 in the lesional skin of vitiligo patients.	Z. S. Rani, U. Kumari, S. Bhardwaj, D. Parsad, V.L. Sharma, R. Kumar	Department of Zoology	International journal of dermatology.	2018 - 2019	Online ISSN:1365-4632

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
ENPP1 K121Q functional variant enhances susceptibility to insulin resistance and dyslipidemia with metabolic syndrome in Asian Indians.	Bhatti, G. K., Kaur, S., Vijayvergiya, R., Bhadada, S. K., Singh, B. & Bhatti, J. S.	University Institute of Pharmaceutical Sciences	International Journal of Diabetes and Metabolism	2018 - 2019	2637-6717
A Review on Status of Nanotechnology in Pharmaceutical Sciences	Suttee, A., Singh, G., Yadav, N., Barnwal, R. P., Singla, N., Prabhu, K. S. & Mishra, V.	University Institute of Pharmaceutical Sciences	International Journal of Drug Delivery Technology	2018 - 2019	0975-4415
Biomedical Potential of Graphene oxide based Nanoformulations: An Overview	Mishra, V., Singh, G., Yadav, N., Barnwal, R. P., Singla, N., Kirti. S., Prabhu & Suttee, A.	University Institute of Pharmaceutical Sciences	International Journal of Drug Delivery Technology	2018 - 2019	0975-4415
99mtc Labeled N-Acetyl Neuraminic Acid As A New Radionuclide Probe For Targeting Cancer: In-Silico And In-Vitro Study	Ravi Ranjan Kumar, Jasmine Sati , Monika Chauhan , Neelima D. Passi , Dewinder K. Dhawan and Vij	University Institute of Pharmaceutical Sciences	International Journal of Drug Research and Technology	2018 - 2019	0975-8232
Analysis of Financial Integration in Asia -Pacific Region Evidence from stock markets	Sharma, Nishi	University Institute of Applied Management Sciences	International Journal of Economic Research	2018 - 2019	0972-9380
Analysis of Financial Integration in Asia -Pacific Region Evidence from stock markets, 15 (3), 955-964 (2018).	Dr. Nishi Sharma	University Institute of Applied Management Sciences	International Journal of Economic Research	2018 - 2019	0972-9380
Design and Development of ECG based Personal Healthcare Monitoring System Using LabVIEW	Maninder Pal Singh, Poonam Kumari, H.P.S. Kang	University Centre of Instrumentation and Micro-Electronics	International Journal Of Electronics&& Communication Technology	2018 - 2019	ISSN : 2230-7109 (Online)
Design and Implementation of Adaptive PID based UAV Shaft Position Control	Jagroop Singh, Poonam Kumari, H.P.S.Kang	University Centre of Instrumentation and Micro-Electronics	International Journal Of Electronics&& Communication Technology	2018 - 2019	Issn: 2230-7109 (online)
Measuring Relative Efficiency of Nationalised banks operating in India	monika aggarwal	University Institute of Applied Management Sciences	International Journal of Emerging Technologies and Innovative Research	2018 - 2019	2349-5162
Pattern of Rural Development in District Mandi, Himachal Pradesh	Navneet Kaur	Department of Geography	International Journal of Emerging Technologies and Innovative Research	2018 - 2019	ISSN 2349-5162
worklife balance in the banking sector india	yogita sarohi	P.U. Rural Centre, Kauni, Muktsar	international journal of emerging technologies and innovative research	2018 - 2019	23495162

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Gandhi's Vision and Reality on Democratic Decentralisation	Dr. Ashu Pasricha	Department of Gandhian and Peace Studies	International Journal of Emerging Technologies and Innovative Research (JETIR) An International Scholarly Open Access Journal	2018 - 2019	2349-5162
A machine learning technique for detecting outdoor parking	Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Engineering & Technology	2018 - 2019	2227-524X
Biometric System: Implementation of Fingerprint Matching System	Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Engineering Sciences Paradigms and Researches	2018 - 2019	2319-6564
Blogging as Literature : A Critical Study of Study of Selected Dalit Blogs	Dr. Ravinder Kaur	University School of Open Learning	International Journal of English Language and Literature, GNOSIS	2018 - 2019	ISSN 2394-0131
Consumers Perceptions towards Permissionbased e mail marketing	Ashish Saihpal	P.U. Regional Centre, Ludhiana	International Journal of Enhanced Research in Management & Computer Applications	2018 - 2019	2319-7471
Healthcare User's Perception of Ethics While Availing E-Health Services: An Empirical Investigation	Prachi Verma, Satinder Kumar, Sanjeev K. Sharma	University Institute of Applied Management Sciences	International Journal of Enhanced Research in Management & Computer Applications (2018)	2018 - 2019	2319-7471,
Functionalized nanomaterials: a new avenue for mitigating environmental problems.	Savita Chaudhary, Priyanka Sharma, Pooja Chauhan, Rajeev Kumar and Ahmad Umar	Department of Chemistry	International journal of environmental science and technology	2018 - 2019	1735-1472
Developing Protective Work-wear Material for Workers in Electroplating Industry	Dr Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Family and Home Science	2018 - 2019	ISSN:0973-2608
Chronic toxicity of hexavalent chromium affects the morphology and behaviour of Ctenopharyngodon idellus (Cuvier and Valenciennes)	Handa, K., Jindal, R.	Department of Zoology	International Journal of Fisheries and Aquatic Studies	2018 - 2019	E-ISSN: 2347-5129, P-ISSN: 2394-0506
In vivo Antianxiety and Antidepressant Activity of Almonds (P. amygdalus) and Walnuts (J. regia).	Maggu, A., Gulsheen, Kumar, A. &&& Sharma, A.	University Institute of Pharmaceutical Sciences	International Journal of Food Science and Nutrition	2018 - 2019	0963-7486
Energy efficient communication protocol for chain-based clustered wsns	Krishan Kumar	University Institute of Engineering & Technology	International Journal of Grid and Distributed Computing	2018 - 2019	2005-4262

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Effect of computer mediated instructions on achievement in geography in relation to creativity.	Mehar, R.	University School of Open Learning	International Journal of Higher Education and Research,	2018 - 2019	ISSN: 2277-260X.
Impact of Food and Beverage Service Practices on Customer Satisfaction in the Food Outlets, Chandigarh, India	Anish Slath	University Institute of Hotel and Tourism Management	International Journal of Hospitality & Tourism Systems	2018 - 2019	0947-6250
Examining the impact of positive psychological capital in reducing cynicism	Malodia, L. (Vashisht, A.)	University Business School	International Journal of Hospitality and Tourism Systems	2018 - 2019	ISSN: 0947-6250 (Print)
Marketing Woes of Foreign Tourist Segment in Goa: A Study into Satisfaction Discriminators	Purva Kansal, Sandeep Walia	University Business School	International Journal of Hospitality and Tourism Systems	2018 - 2019	0947-6250
EXPLORING THE LINK BETWEEN EMOTIONAL INTELLIGENCE & WORKPLACE SPIRITUALITY	AKASHDEEP JOSHI, MEENAKSHI MALHOTRA & DEEPAK BANGWAL	University Business School	International Journal of Human Resource Management and Research	2018 - 2019	2249-7986
Prison Reforms and Work Programs in India	Dr. Namita Gupta	Centre for Human Rights & Duties	International Journal of Human Rights and constitutional Studies	2018 - 2019	2050103X
Bride Buying in Haryana	Monica Munjial Singh, Aditya Parihar, Nirmla Devi	Centre for Social Work	International Journal of Humanities and Social Sciences	2018 - 2019	2319 – 7722, ISSN (Print): 2319 – 7714
Duadic and triadic codes over a finite non-chain ring and their Gray images	Madhu Raka	Department of Mathematics	International Journal of Information and Coding Theory	2018 - 2019	1753-7703
Research Output of Guru Jambheshwar University of Science and Technology during 1999-2018: A Bibliometric Study	Anil Kumar	A C Joshi Library	International Journal of Information Dissemination and Technology	2018 - 2019	2249-5576
Collaborative Publication Trends Among Faculty Members of Central Universities of North India	Dr. Rupak Chakravarty and Jyoti Sharma	Department of Library & Information Science	International Journal of information Library and Society	2018 - 2019	2278-0386
Usage of N-LIST e-resources of the select degree colleges affiliated to Panjab University, Chandigarh: A comparative analysis	Dr. Rupak Chakravarty and Shivani Kaushal	Department of Library & Information Science	International Journal of Information Library and Society	2018 - 2019	2278-0386
Qualification of the Educated Unemployed in Rural Punjab	Anupreet Kaur Mavi	University Institute of Applied Management Sciences	International Journal of Information Movement , Vol.2, Issue 10	2018 - 2019	2456-0553

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Support vector machine classifier based detection of fungal rust disease in Pea Plant (Pisam sativam)	Dr.Satish Kumar	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Information Technology	2018 - 2019	2511-2112
Intelligent Automatic Gear Module using Electro-Magnetic Clutch & amp; Ultrasonic Sensor.	Kumar a, Ramesh K. Sharma and Uma Shankar Pareek	University Centre of Instrumentation and Micro-Electronics	International Journal of Innovative Technology and Exploring Engineering	2018 - 2019	2278-3075
Scanning the factual income of intervention program on scholastic achievement and cognitive abilities of 9-year old students	Marwaha, Shruti, Sinha, A. K. & Sahani, Ramesh	Department of Anthropology	International Journal of Interdisciplinary Current Advanced Research1(1): 1-12	2018 - 2019	2663-2594
Leadership styles of high school principals in relation to work motivation of staff.	Mehar, R., & Krishnamoorthy, R.V.	University School of Open Learning	International Journal of Interdisciplinary Research and Innovations	2018 - 2019	ISSN 2348-1226 (online).
Effects of Cu and Cd on some biochemical components of Fissidens biformis Mitt.	Vibha and Kapila Sunita	Department of Botany	International Journal of Interdisciplinary research and innovations.	2018 - 2019	E-ISSN: P-ISSN: 2348-1218
Journal of Academic Librarianship: A Bibliometric Analysis	Deepika Tewari	A C Joshi Library	International Journal of Library, Information, Networks and Knowledge	2018 - 2019	2455-5207
Research in digital library field: a Scientometric assessment of publications output during 2006-15	Deepika Tewari; Seema Sood; Sunaina Khanna	A C Joshi Library	International Journal of Library, Information, Networks and Knowledge	2018 - 2019	2455-5207
Research Output of Panjab University in Chemical Engineering during 2006-15: a Scientometric analysis	Deepika Tewari	A C Joshi Library	International Journal of Library, Information, Networks and Knowledge	2018 - 2019	2455-5207
Phytochemical Analysis and Characterisation of the Bioactive Compounds of Mnium cuspidatum by GC-MS and FTIR.	Kaur Satvir and Kapila Sunita	Department of Botany	International Journal of Life Sciences Research	2018 - 2019	E-ISSN: 2348-3148 P-ISSN: 2348-313X
Impact of Customer Orientation on Medical Services, Infrastructure and Communication Dimensions of Service Quality in Hospitals: A Case Study of Chandigarh Tricity. Gyan Management	Dogra, A.K., Chadha, S.K. & Sharma, S.K.	University Institute of Applied Management Sciences	International Journal of Management	2018 - 2019	0974-7621
Gandhi on Non-Violent Police	Dr. Manish Sharma	Department of Gandhian and Peace Studies	International Journal of Management (IJM), Volume 10, Issue 2,	2018 - 2019	0976-6510
Effect of Copper Oxide Nano Particles Synthesised from Chemical Precipitation Method (In-situ) on the Mechanical Properties of Sansevieria Trifasciata Fiber Extracted from Sansevieria Trifasciata Plant	Dr Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Management , Technology and Engineering	2018 - 2019	2249-7455

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Strategic Quality Management: An Annotated Review	Prof. Sanjay Kaushik and Harjit Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Management Science and Technology, Vol 10, Issue 1,pp 103-116.	2018 - 2019	ISSN 2250 – 1959(Online) 2348 – 9367 (Print)
A Comparison of Financial Performance of Listed Great Place to Work Organizations against Industry Average	Akashdeep Joshi, Shalini Shukla, Dr. Meenakshi Malhotra	University Business School	International Journal of Management Studies	2018 - 2019	2180-2467
Exploring perceived informativeness of viral marketing messages (PIVMM)	Gulati, N.	University Business School	International Journal of Management Studies	2018 - 2019	Vol. 2, Issue 2, pp. 61-68
Female Leadership and Performance of Indian Banks	Monika Aggarwal	University Institute of Applied Management Sciences	International Journal of Management Studies	2018 - 2019	2249-0302
Productivity Change in Nationalised Banks Operating in India: A Malmquist Productivity Index Approach	monika aggarwal	University Institute of Applied Management Sciences	International Journal Of Management Studies	2018 - 2019	2249-0302
SENSIBILITY OF THE CONSUMERs ON ADVERTISEMENT	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	International Journal of Management Technology and Engineering (IJMTE) Journal, Vol. 8, Issue XII, Dec 2018	2018 - 2019	2249-7455
Nutrition labelling for packaged foods: A study of consumer response	Bedi, M. (Chopra, P.)	University Business School	International Journal of Management, IT & Engineering	2018 - 2019	Vol. 9, Issue 1, pp. 69-78
Exploration of variables with ridge Regression in data envelopment analysis	Aggarwal, M.	University Institute of Applied Management Sciences	International Journal of Management, IT & Engineering	2018 - 2019	2249-0558
MCB-DEA: A modified approach for benchmarking	Aggarwal, M.	University Institute of Applied Management Sciences	International Journal of Management, IT & Engineering	2018 - 2019	22490558
Work Experience and OCB: A Study of telecom sector in India	Sethi, Upasna Joshi	University Institute of Applied Management Sciences	International Journal of Management, IT and Engineering	2018 - 2019	2249-0558
Exploring the Antecedents of Luxury Retailing -Towards developing a Framework.	Sharma, Sanjeev Kumar	University Institute of Applied Management Sciences	International Journal of Management, Technology & Engineering, (2019)	2018 - 2019	2249-7455
Detailed Analyses of Different Types of CAPTCHA	Mohinder Kumar	P.U. Regional Centre, Muktsar	International Journal of Management, Technology And Engineering	2018 - 2019	2249-7455

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Work-Life Balance and its impact on Job Satisfaction: A Study on Women Police personnel of Hisar and Chandigarh Police, India	Manju Amla, Prof. (Dr.) Meenakshi Malhotra	University Business School	International Journal of Management, Technology And Engineering	2018 - 2019	2249-7455
Rayleigh-Bénard Convection for Nanofluids for more Realistic Boundary Conditions (Rigid-Free and Rigid-Rigid) using Darcy model	Jyoti Ahuja, Urvashi Gupta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Mathematical, Engineering & Management Sciences	2018 - 2019	2455-7749
A Revised Model for Magneto Convection in Binary Nanofluids	Jyoti Sharma, Urvashi Gupta and Shushant Shukla	University Institute of Engineering & Technology	International Journal of Mathematical, Engineering and Management Sciences	2018 - 2019	2455-7749
Bayesian Estimation of Stress Strength Reliability using Upper Record Values from Generalised Inverted Exponential Distribution	Ritu Kumari, Kalpana K. Mahajan and Sangeeta Arora	Department of Statistics	International Journal of Mathematical, Engineering and Management Sciences	2018 - 2019	2455-7749
Meta-Analysis of Fixed, Random and Mixed Effects Models	Savita Jain, Suresh K. Sharma and Kanchan Jain	Department of Statistics	International Journal of Mathematical, Engineering and Management Sciences	2018 - 2019	2455-7749
The Generalized Gamma Shared Frailty Model under Different Baseline Distributions	Sukhmani Sidhu, Kanchan Jain and Suresh Sharma	Department of Statistics	International Journal of Mathematical, Engineering and Management Sciences	2018 - 2019	2455-7749
Effect of friction stir welding parameters on impact strength of AZ31 Magnesium Alloy joints	Dr.Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Mechanical Production Engineering res.development	2018 - 2019	2249-6890
Highly sensitive and rapid detection of putrescine by using an platinum electrode modified with zincoxide nanoparticles-polypyrrole composite	Devi, R., Tripathi, S.K., Chauhan, A. &Bala, M.	Department of Physics	International Journal of Medical Research and Pharmaceutical Sciences	2018 - 2019	2394-9414
Present scenario of bioconjugates in cancer therapy: A review	Wadhawan, A., Chatterjee, M., Singh, G.	University Institute of Engineering & Technology	International Journal of Molecular Science	2018 - 2019	1422-0067
ATTEMPT TO SUICIDE- A LEGAL PROBLEMS	VINAY SHARMA and DR. POOJA SOOD	P.U. S.S. Giri Regional Centre, Hoshiarpur	INTERNATIONAL JOURNAL OF MOVEMENT EDUCATION AND SOCIAL SCIENCE	2018 - 2019	ISBN: 978-93-87793-08-8
Effect of radical and social constructive learning approaches on higher order thinking in relation to attitude towards mathematics.	Dr. Ram Mehar	University School of Open Learning	International Journal of Multidiplinary	2018 - 2019	2455-3085

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Development of biosurfactant-based graphene quantum dot conjugate as a novel and fluorescent theranostic tool for cancer	Bansal S, Singh J, Kumari U, Kaur I P, Barnwell R P, Kumar R, Singh S, Singh G and Chatterjee M.	Department of Zoology	International Journal of Nanomedicine.	2018 - 2019	ISSN / eISSN: 1178-20138-2013 (Electronic) 1176-9114 (Linking)
A light weight solution for detecting DE-AUTHENTICATION attack	Sh. Rajinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Network Security & Its Applications (IJNSA) Vol. 11, No.1, January 2019	2018 - 2019	0974-9330
The discriminant of compositum of algebraic number fields	S. K. Khanduja	Department of Mathematics	International Journal of Number Theory	2018 - 2019	1793-0421
Social Anxiety and Peer Pressure as Predictors of Materialism among Adolescents	Seema Vinayak and Anupreet Kaur	Department of Psychology	International Journal of of Research in Humanities, Arts and Literature	2018 - 2019	2347-4564
Spectrum Sensing for Cognitive Radio Using Genetic Algorithm	Dr. Roopali Garg	University Institute of Engineering & Technology	International Journal of Online Engineering	2018 - 2019	18681646, 18612121
Drug Induced Erythema Multiforme: A Case Report	Dr. Harveen Kaur, Manjot Kaur	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Oral Health Dentistry	2018 - 2019	09767428, 09761799
A Fuzzy Approach for estimating Quality of Aspect oriented system	Dr. Puneet jai Kaur	University Institute of Engineering & Technology	International Journal of Parallel Programming, Springer	2018 - 2019	0885-7458
A quantitative and qualitative assessment of Aegle Marmelos global publications during 2004-18	BM Gupta, KK Mueen Ahmed, Jivesh Bansal, Madhu Bansal	A C Joshi Library	International Journal of Pharmaceutical investigation	2018 - 2019	2230-973X
Andrographis Paniculata global publications output: A bibliometric assessment during 2003-18.	BM Gupta, KK Mueen Ahmed, Jivesh Bansal, Madhu Bansal	A C Joshi Library	International Journal of Pharmaceutical Investigation	2018 - 2019	2230-973X
Rhodiola Rosea: A quantitative and qualitative assessment of global publications output during 2003-18.	KK Mueen Ahmed, BM Gupta, Jivesh Bansal, Madhu Bansal	A C Joshi Library	International Journal of Pharmaceutical Investigation	2018 - 2019	2230-973X
99mTc labeled N. Acetyl Neuraminic acid as a radionuclide probe for targeting cancer: In Silico and In Vitro study	Kumar R.R., Satti J., Chauhan M., Passi. N. D., Dhawan D.K. and V. D. Chadha	Department of Biophysics	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2018 - 2019	ISSN (Online): 0975-8232, ISSN (Print): 2320-5148
Comparative Antianxiety Potential of Euphorbia neriifolia Linn. Leaves and Euphorbia Hirta Linn. Aerial Parts.	Gulsheen, Kumar, A. & Sharma, A.	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutical Sciences and Research	2018 - 2019	0975-8232

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High fructose induced adipogenesis and inhibitory potential of trigonelline on murine mesenchymal stem cells: a morphological study	Nidhi Mahajan, Anuj Gupta	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	International Journal of Pharmaceutical Sciences and Research	2018 - 2019	0975-9492
DNA interaction, anti-proliferative effect of copper oxide nanocolloids prepared from metallosurfactant based microemulsions acting as precursor, template and reducing agent	Gurpreet Kaur 1 , Varsha Dogra 2 , Rajeev Kumar 2 , Sandeep Kumar 3 , Gaurav Bhanjana 3 , Neera	Department of Environment Studies	International Journal of Pharmaceutics	2018 - 2019	0378-5173
Lycopene loaded whey protein isolate nanoparticles: An innovative endeavor for enhanced bioavailability of lycopene and anti-cancer activity	Ashay Jain Gajanand Sharma, Gargi Ghoshal Prashant Kesharwani Bhupinder Singh, U.S. Shivhare, O.P. K	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Pharmaceutics	2018 - 2019	18733476
Extracellular Synthesis of Silver Nanoparticles By An Indigenous Yeast Aureobasidium Pullulans Rylf 10:Characterization And Evaluation Of Antibacterial Potential. International journal of Pharmacy and Biological Sciences	Rahi, D.K., Prem Lata Manhas, Maninderjeet Kaur, Deepika Malik and Sonu Rahi	Department of Microbiology	International Journal of Pharmacy and Biological Sciences	2018 - 2019	2230-7605
Assessment of coach-athlete relationship among team game female athletes	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physical Education and Sports Sciences	2018 - 2019	ISSN: 2231-3745
A Comparative Study of Abdominal Muscular Endurance among School Boys	Prof. Th. Nandalal Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	ISSN Number: 2456-0057
Aggression, performance strategies and psychological well-being among female sprinters and throwers: A comparative study	MS. SEEMA	P.U. Rural Centre, Kauni, Muktsar	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	2456-0057
Analysis of coaching behaviour between individual and team game female athletes	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	2456-0057
Assessment of Psychological Well-Being among high and low cricket performers	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	ISSN: 2456-0057
Assessment of relationship between psychological well - being and sports performance among cricketers	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	2456-4419
Assessment of relationship between psychological well-being and sports performance among cricketers	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	ISSN: 2456-0057

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Comparative Study on Cardiovascular Fitness among School Children of Uttrakhand	Dr. Th. Nandalal Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	2456-4419
Comparison between jumpers and throwers in regard to aggression, performance strategies and psychological well being	MS. SEEMA	P.U. Rural Centre, Kauni, Muktsar	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	2456-0057
Development of Gymnastics in Ancient India	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	ISSN: 2456-0057
Doping Awareness among Sportspersons of Punjab: A survey study	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	ISSN: 2456-0057
Effect of Ujjayi Pranayama on Selected Physiological Variables on School Girls of Chandigarh	Dr. Th. Nandalal Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	2456-4419
Effects of Gymnastics Exercises on Balance Ability of Autistic Children	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2018 - 2019	ISSN: 2456-0057
Phytoremediation of lead by a wild, non-edible Pb accumulator <i>Coronopus didymus</i> (L.) Brassicaceae	G P S Sidhu, H P Singh, D R Batish, Kohli, R.K.	Department of Environment Studies	International Journal of Phytoremediation	2018 - 2019	1549-7879
Phytoremediation of lead by a wild, non-edible Pb accumulator <i>Coronopus didymus</i> (L.) Brassicaceae.	G.P.S. Sidhu & Daizy Rani	Department of Botany	International Journal of Phytoremediation	2018 - 2019	15226514
Environmental Friendly Machining of Inconel 625 under Nano-Fluid Minimum Quantity Lubrication (NMQL)	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Precision Engineering and Manufacturing, November 2018	2018 - 2019	2005-4602
Validating an Information Booklet to Promote Wellness in families having Children with Birth Defects	Alka, Prof. Abhik Ghosh, Amarjeet Singh, Neelam Agarwal & Panigrahi Inush	Department of Anthropology	International Journal of Preventive, Curative & Community Medicine	2018 - 2019	2454-325X
Cyanoacetaldehyde as a building block for prebiotic formation of pyrimidines	Sarabjeet Kaur and Purshotam Sharma	Department of Chemistry	International journal of quantum chemistry	2018 - 2019	0020-7608
Modelling of Spectrum Handover Scheme using Particle Swarm Intelligence in Cognitive-radio Networks	Dr. Roopali Garg	University Institute of Engineering & Technology	International Journal of Recent Technology and Engineering	2018 - 2019	2277-3878

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Conversion of apoptosis to necrosis and the corresponding alteration in the oxidative milieu of male germ cells of rat under acute heat stress: An experimenttal study	Kaushik, K, Kaushal N, Kalla, NR	Department of Biophysics	International Journal of Reproductive BioMedicine	2018 - 2019	ISSN 24764108
Construction and standardization of student engagement scale in mathematics.	Mehar, R., & Kaur, G.	University School of Open Learning	International Journal of Research	2018 - 2019	ISSN: 2236-6124
Implementation of Street Vendors 9Protection of Livelihood and Regulation of Street Vending) Act.2014 Under Chandigarh Street Vending Plan: A Case Study of Chandigarh	Dr. Monica Munjial Singh, Vivek Trivedi	Centre for Social Work	International Journal of Research and Analytical Review	2018 - 2019	2349-5198
Institutional care identification before education	Supreet Kaur	University School of Open Learning	International Journal of Research and Analytical Review	2018 - 2019	ISSN No. 2348-1269
Livelihood Scenario of Self Employed Workers in the Urban Informal Sector: A Case study of Street Vending in Chandigarh	Dr. Monica Munjial Singh, Vivek Trivedi	Centre for Social Work	International Journal of Research and Analytical Review	2018 - 2019	2349-5138
Association of cholesteryl ester transfer protein gene, TaqIB polymorphism with the risk of type 2 diabetes mellitus in North Indian population	Navneet Kaur*, Gurjit Kaur Bhatti, Sanjay Kumar Bhadada, Samer Singh4 & Jasvinder Singh Bhatti	Department of Microbial Biotechnology	International Journal of Research and Analytical Reviews	2018 - 2019	2348 –1269
Bryodiversity of District Budgam (Jammu and Kashmir)	Kour Amarpreet, Rao Anju and Kapila Sunita	Department of Botany	International journal of research and analytical reviews	2018 - 2019	E-ISSN: 2348 –1269 P-ISSN: 2349-5138
Bryodiversity of District Budgam (Jammu and Kashmir) Diplolepidea Acrocarpae II	Kour Amarpreet, Rao Anju and Kapila Sunita	Department of Botany	International journal of research and analytical reviews	2018 - 2019	E-ISSN: 2348 –1269 P-ISSN: 2349-5138
Bryodiversity of District Budgam (Jammu and Kashmir) Diplolepidea Pleurorocarpae III	Kour Amarpreet, Rao Anju and Kapila Sunita	Department of Botany	International journal of research and analytical reviews	2018 - 2019	E-ISSN: 2348 –1269 P-ISSN: 2349-5138
Bryodiversity of District Budgam (Jammu and Kashmir) Hapllepidea I	Kour Amarpreet, Rao Anju and Kapila Sunita	Department of Botany	International journal of research and analytical reviews	2018 - 2019	E-ISSN: 2348 –1269 P-ISSN: 2349-5138

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Bryodiversity of District Budgam (Jammu and Kashmir) Hepaticae IV	Kour Amarpreet, Rao Anju and Kapila Sunita	Department of Botany	International journal of research and analytical reviews	2018 - 2019	E-ISSN: 2348 –1269 P-ISSN: 2349-5138
Catering Curiosity through computer intervention among students with Learning Disability: Fabricating Hungry Minds	Shelly Aggarwal & Dr. Dazy Zarabi	Department of Community Education & Disability Studies	International Journal of Research And Analytical Reviews	2018 - 2019	2348-1269
Cave Tourism as an Alternative Tourist destination – A case of Karla and Bhaja,	Prashant Kumar Gautam	University Institute of Hotel and Tourism Management	International Journal of Research and Analytical Reviews	2018 - 2019	2348-1269
Changing Land Use and Cropping Pattern of Himachal Pradesh: 2001-2011	Navneet Kaur	Department of Geography	International Journal of Research and Analytical Reviews	2018 - 2019	
Effect of Mindfulness on Reading ability on students with dyslexia	Deepti Kashyap & Dr. Kuldeep Kaur	Department of Education	International Journal of Research and Analytical Reviews	2018 - 2019	E-2348-1269, P-2349-5138
Effectiveness of Computer Supported Intervention on Interest in Science among Students with Learning Disability: Embracing Science and Inslusionn in Research	Shelly Aggarwal & Dr. Dazy Zarabi	Department of Community Education & Disability Studies	International Journal of Research and Analytical Reviews	2018 - 2019	2348-1269
Effectiveness of Mindfulness Integrated Cognitive Behaviour Therapy (MICBT) on Depression	Roshan Lal, Rajesh Kumar and Parvesh Kumar	Department of Psychology	International Journal of Research and Analytical Reviews	2018 - 2019	2349-5138
Emerging Issues in Digital Learning In India. A Study with Reference to Smart Classroom	Sethi, Upasna Joshi	University Institute of Applied Management Sciences	International Journal of Research and Analytical Reviews	2018 - 2019	2348 –1269
Factor AffectingShowrooming: An empirical Analysis	Dr Tejinderpal Singh	University Business School	International Journal of Research and Analytical Reviews	2018 - 2019	23481269
From Ancient Travel to Modern Tourism in the Himachal Himalyas: A Historical Prospective	Smita Bhutani	Department of Geography	International Journal of Research and analytical reviews	2018 - 2019	2348-1269
Influence of Attributes of Retail Store on Consumers Resulting in their Decision to Buy Green Apparel Post-Consumer Textile Waste Design Collection for a Second Life	Dr Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Research and Analytical Reviews	2018 - 2019	ISSN 2348-1269

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Land use land cover change Baddi Industrial Town	Krishan Mohan	Department of Geography	International Journal of Research and Analytical Reviews	2018 - 2019	
Managing the Business of Green Apparel for a Sustainable Society	Dr Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Research and Analytical Reviews	2018 - 2019	2349-5138
MODULATORY EFFECT OF PROPOLIS AGAINST OXIDATIVE STRESS INDUCED BY DRUGS	Umesh Bharti, Neelima R. Kumar and Deepti Chaudhary	Department of Zoology	International journal of research and analytical reviews	2018 - 2019	Print ISSN : 0974-3618. Online ISSN : 0974-360X.
Punjab Floods: Some Lessons Learnt For Future Flood Management,	Dr. Sucha Singh	University School of Open Learning	International Journal of Research and Analytical Reviews	2018 - 2019	E-ISSN 2348-1269, P-ISSN 2349-5138), 5(4): 223-230 (2018)
Upcycling of Textile Waste for Sustainable use in India: An Overview	Dr Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Research and Analytical Reviews	2018 - 2019	ISSN: 2349-5138
Effect of Positive Psychological Interventions (PPI) on Subjective Well-Being (SWB) among Research Scholars of Panjab University Chandigarh	Dr. Anuradha Sharma and Pankaj Bala	Department of Community Education & Disability Studies	International Journal of Research and Analytical Reviews (IJRAR)	2018 - 2019	2348-1269,
Loafing in Team Sports: A Qualitative Review	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Research and Analytical Reviews (IJRAR) (	2018 - 2019	E-ISSN 2348-1269, P-ISSN 2349-5138
Modelling & Optimization of Surface roughness in Milling of Aero Space Al 6061 (sic) composites by MQL	Dr Harminder Singh Bains	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Research and Analytical Reviews UGC Ref. 43602)	2018 - 2019	ISSN-2348-1269
Construction and standardization of achievement test in English Grammar.	Mehar, R. & Kanwar, S.	University School of Open Learning	International Journal of Research and Analytical Reviews,	2018 - 2019	ISSN: 2349-5138, Online ISSN: 2348-1269,
Religious Perceptions Towards Disability: A Changing perspective	Navneet Arora	University Institute of Legal Studies	International Journal of Research and Analytical Reviews,	2018 - 2019	ISSN 2349-5138 2348-1269
Challenges in the implementation of life skills education.	Grover, J.	Department of Education	International Journal of Research and Analytical Reviews, 5(2), 452-456.	2018 - 2019	2348-1269

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Effect of Stress Management Programme on Professional Commitment of Secondary School Teachers.	Manju Gera	University School of Open Learning	International Journal of Research and Analytical Reviews, 5(3) 869Z-873Z.	2018 - 2019	ISSN2348-1269
Emerging Issues In Digital Learning In India. A Study With Reference To Smart Classroom, Pp 442-445.	Upasna Joshi	University Institute of Applied Management Sciences	International Journal Of Research And Analytical Reviews, Vol 5, Issue 4	2018 - 2019	ISSN 2348 –1269, PRINT ISSN 2349-5138
An overview of 5G Technology and Challenges	Sh. Rajinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Research in Advent Technology, Vol.7, No.2, February 2019	2018 - 2019	2321-9637
An overview of Bluetooth Technology and Security	Sh. Rajinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Research in Advent Technology, Vol.7, No.3, March 2019	2018 - 2019	2321-9637
Kinetic, Mechanistic, Equilibrium and Thermodynamic Studies for the Adsorption of Paracetamol on Agricultural based Adsorbents and Nanometal Oxides , International. Journal of Research in Chemistry and Environment	Neeta Sharma & Neha Dhiman	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Research in Chemistry and Environment (IJRCE) 2019	2018 - 2019	2248-9649
SEDITION LAW IN INDIA:A CRITICAL STUDY	GURPAL SINGH	P.U. Regional Centre, Muktsar	International Journal of Research in Economics and Social Sciences	2018 - 2019	2249-7382
A survey on MIMO Techniques for Indoor Visible Light Communication	Swati Sharma, Preeti Singh, Pardeep Kaur	University Institute of Engineering & Technology	International Journal of Research in Electronics and computer Engineering	2018 - 2019	2393-9028
Conceptualising Financial Awareness	Mavi, Anupreet Kaur & Sambyal, Rachita	University Institute of Applied Management Sciences	International Journal of Research in Engineering, IT and Social Sciences	2018 - 2019	2250-0588
Determinants of Customer Centric e-payment Systems-An Empirical Study. (co-author)	Sharma, Sanjeev Kumar	University Institute of Applied Management Sciences	International Journal of Research in Engineering, IT and Social Sciences	2018 - 2019	2250-0588
Determinants of Customer Centric e-Payment Systems - An Empirical Study. Pp 7-15	Sanjeev K. Sharma,Pooja Chopra	University Institute of Applied Management Sciences	International Journal of Research in Engineering, IT and Social Sciences (2018)	2018 - 2019	2250-0588.

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Growth of Non-Agricultural Uses on Arable Land in Punjab (India): A Case Study from the Jalandhar District,	Dr. Sucha Singh	University School of Open Learning	International Journal of Research in Social Science	2018 - 2019	ISSN 2249-2496), 8(11): 888-897
Tribal Health and Health Status of the Tribal Communities in India: A Literature Review	Dr. Monica Munjial Singh, Dandub Palzor	Centre for Social Work	International Journal of Res	2018 - 2019	2249-2496
Aggression among school going children of working and non- working mothers in relation to self-esteem, self-home perception, and student - teacher relationship	Manjinder Kaur and Prof. Latika	Department of Education	International Journal of Research in Social Sciences	2018 - 2019	2249-2496
Christian Traders In Maritime World Of Kerala (C.1000- C.1300 CE): Some Reflections	Dr. Priyatosh Sharma	Department of History	International Journal of Research in Social Sciences	2018 - 2019	2249-2496
MARITAL RAPE: STILL A MYTH? ROLE OF INDIAN JUDICIARY	gurpal singh	P.U. Regional Centre, Muktsar	International Journal of Research in Social Sciences	2018 - 2019	2249-2496
Exploring the effects of interactive hypermedia instructional program on mathematics attitude and achievement in relation to locus of control.	Batra, C. and Grover, J	Department of Education	International Journal of Research in Social Sciences, 8 (6), 380-395.	2018 - 2019	2249-2496
Camera & Sensors-Based Assistive Devices For Visually Impaired Persons: A Systematic Review	Dr. Roopali Garg	University Institute of Engineering & Technology	International Journal of Scientific & Technology Research	2018 - 2019	2277-8616
Effect of online mastery learning on learning achievement in English in relation to cognitive ability	Dr. Ram Mehar	University School of Open Learning	International Journal of Scientific and Technology Research	2018 - 2019	2277-8616
Havoc of clear solutions in dental clinics	Vandana Chhabra	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH	2018 - 2019	2454-9312
A cross-sectional study on awareness about risk factor of cardiovascular diseases	Manoj Kumar Sharma, Deepak Saini, Savita Prashar and Rakesh Kumar	Centre for Public Health	International Journal of Scientific research and review	2018 - 2019	2279-543X
Economic Rights of Women in Indian Families for unremunrated activities a Socio Legal Study	Dr. Aditi Sharma	P.U. Regional Centre, Ludhiana	International Journal of Scientific Research and Review	2018 - 2019	2279-543X
Construction and standardization of achievement test in mathematics.	Mehar, R.,& Kaur, G.	University School of Open Learning	International Journal of Scientific Research and Review,	2018 - 2019	ISSN 2279-543X
Career decision making of senior secondary school students in relation to their self-esteem.	Mehar, R.	University School of Open Learning	International Journal of Scientific Research and Reviews	2018 - 2019	ISSN 2279-0543

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Delay Aware and Lifetime Enhanced Sectoring (DALES) Routing Protocol for Heterogeneous Wireless Sensor Network	Suniti Dutt, Nikita Shandil, Sunil Agrawal, Renu Vig	University Institute of Engineering & Technology	International Journal of Sensors, Wireless Communications and Control	2018 - 2019	2210-3279
WHAT MAKES LEARNERS AND TEACHERS VULNERABLE IN SCHOOLS OF CHANDIGARH? A STUDY ON SCHOOL VIOLENCE .	Dr. Mamta Garg	University School of Open Learning	International Journal of Social Science & Economic Research	2018 - 2019	2455-8834
Attitude towards use of technology among private and government school teachers in relation to academic streams.	Mehar, R., & Issar, R. K.	University School of Open Learning	International Journal of Social Science and Economic Research	2018 - 2019	ISSN: 2455-8834.
Construction and standardization of English self efficacy scale.	Mehar, R. & Rani, S.	University School of Open Learning	International Journal of Social Science and Economic Research	2018 - 2019	ISSN: 2455-8834.
Handedness and interactive communication : a survey of college students in Punjab	Kuljeet Kaur	University School of Open Learning	International Journal of Social Science and Economic Research	2018 - 2019	ISSN 2455-8834
International Migrants from India and Remittances	Smita Bhutani	Department of Geography	International Journal of Social Science and Economic Research	2018 - 2019	
Make in India : Women education and skill development	Kuljeet Kaur	University School of Open Learning	International Journal of Social Science and Economic Research	2018 - 2019	ISSN 2455-8834
Self-regulated learning and skill development : An overview	Dr. Ram Mehar	University School of Open Learning	International Journal of Social Science and Economics Research	2018 - 2019	2455-8834
Sources of Sex & Sexuality Education among adolescents : A Sociological Study of Govt. Schools in Punjab.	Prof. Madhurima Verma and Amanpreet Singh	University School of Open Learning	International Journal of Social Sciences Review	2018 - 2019	ISSN No. 2347-3797
Integrated Ichnological and sedimentological analysis of the Cambrian Kunzam La (Parahio) Formation, Shian Section, Pin Valley, Spiti, Northwest Himalaya	Chaubey, R.S., Singh, B.P., Mikuláš, R., Bhargava, O.N., Kishore, N., Prasad, S.K.,	Department of Geology	International Journal of Stratigraphy and Geological Correlation	2018 - 2019	0869-5938
Chryseobacterium glaciei sp. nov., isolated from the surface of a glacier in the Indian trans-Himalayas.	Pal, M., Kumari M., Kiran S., Salwan R., Mayilraj S., Chhibber, S and Gulati A.	Department of Microbiology	International Journal of Systematic and Evolutionary Microbiology	2018 - 2019	1466-5034
Clostridium indicum sp. nov., a novel anaerobic bacterium isolated from the sludge of an industrial effluent – Genomic insights.	Dr Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International journal of systematic and evolutionary microbiology	2018 - 2019	1466-5034

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Automatic Car Theft Detection System Based on GPS and GSM Technology	Sandeep Singh, Poonam Kumari	University Centre of Instrumentation and Micro-Electronics	International Journal Of Trend In Scientific Research And Development	2018 - 2019	2456-6470
Exploring Metaphysics of Unconscious (Ālaya- vijñāna): Thinking through Vasubandhu	Dr. Pankaj Srivastava	Department of Philosophy	International Journal of Universal Research Report Volume 5	2018 - 2019	2348-5612
National ETD repository evaluation using web analyzer: A webometric analysis of Shodhganga, India	Dr. Rupak Chakravarty	Department of Library & Information Science	International Journal of we-based learning and teaching technologies	2018 - 2019	1548-1107
A Comparative Study of Flexibility among Four Different Types of School Boys	Prof. Th. Nandalal Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2018 - 2019	ISSN Number: 2456-4419
A study of passion and flow among international handball players	Prof. Gurmeet Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2018 - 2019	1422-1424
Body Composition among State Level Male Football, Volleyball and Handball Players of Manipur	Prof. Th. Nandalal Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2018 - 2019	ISSN Number: 2456-4419
Comparative Study of Psychological Profile of Cricketers of Punjab	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2018 - 2019	2456-4419
Comparative Study on Body Fat Percentage among School Children of Uttrakhand	Dr. Th. Nandalal Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2018 - 2019	2456-0057
Effect of six week Anulom vilom pranayama on selected physiological variables among school girls of Chandigarh	Dr. Th. Nandalal Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2018 - 2019	2456-0057
Muscular Strength and Muscular Endurance among National Level Male Players	Dr. Th. Nandalal Singh	Department of Physical Education	International Journal of Yogic, Human Movement and Sports Sciences	2018 - 2019	2456-0057
Reproductive Consequences in Obese Women	Indu Sharma and A. Sharma	Department of Zoology	International Journal of Zoology and Animal Biology,	2018 - 2019	ISSN :2639-216X
Implementation of Particle Swarm Optimization Technique for Spectrum Sensing in Cognitive Radio Network	Dr. Roopali Garg	University Institute of Engineering & Technology	International Journal on Communications Antenna and Propagation	2018 - 2019	20395086, 25332929
Technology Driven Human Resource Measurement-A Strategic Perspective	Hargovind Kakkar and Sanjay Kaushik	University Business School	International Journal on Emerging Technologies	2018 - 2019	2249-3255

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Determining Association of Demographic Factors with awareness of Banking Products & Microfinance: A Study of Chandigarh, Research Chronicler	Mavi, Anupreet Kaur & Sambyal, Rachita	University Institute of Applied Management Sciences	International Multidisciplinary Research Journal	2018 - 2019	2347-503X
Technology Integration Proficiency Scale - Construction and validation	Dr Vandana Mehra and Anupkiran Kaur	Department of Education	International of Research in social Sciences	2018 - 2019	2249-2496
A study of technology integration proficiency of teachers in relation to their computer competence	Dr Vandana Mehra and Ms Anupkiran Kaur	Department of Education	International Research journal of human resources and social sciences	2018 - 2019	2349-4085, 2394-4218
Corporate Social Responsibility (CSR) Practice and Sustainable Tourism Development: Empirical Evidences From Indian Tourism and Hospitality Sector	Prashant Kumar Gautam and Lipika Guliani	University Institute of Hotel and Tourism Management	international Research Journal of Management and Commerce	2018 - 2019	2348-9766
Strategic Quality Management - An Annotated Review	Dr.(Prof.) Sanjay Kaushik & HarjitKaur	University Business School	International research journal of management sciences & technology	2018 - 2019	2348-9367
IMPACTS OF WORLD HERITAGE DESIGNATION ON TOURISM GROWTH IN GREAT HIMALAYAN NATIONAL PARK, HIMACHAL PRADESH-A UNESCO WORLD HERITAGE SITE	Jaswinder Kumar	University Institute of Hotel and Tourism Management	International Research Journal of Management Sociology && Humanities	2018 - 2019	2277 – 9809
Effect of supply chain management on competitive Advantage: A Case of Construction Industry	S.K. Chadha, Sharma S.K. Maninder Singh	University Institute of Applied Management Sciences	International Research Journal of Management, Science and Technology (2018)	2018 - 2019	2250-1950
Globalization, Policing and Human Rights Scenario: Critical Reflections from a Bottom-Up approach	Dr Rajesh Kumar Chander	Department Cum Centre for Women Studies & Development	International Research Journal on Police Science	2018 - 2019	ISSN 2454-597X
Applications of Near-Field Communication (NFC) with Special Reference to Libraries	Neeraj Kumar Singh	A C Joshi Library	International Research: Journal of Library & Information Science Vol.8 No.4 Dec., 2018, p.570-580	2018 - 2019	2249-0213
Financial analysis of reactive power procurement in pool based deregulated power market integrated with DFIG based wind farms	Aditi Gupta	University Institute of Engineering & Technology	International Transactions on Electrical Energy Systems	2018 - 2019	20507038
Nickel cobaltite nanoparticles: preparation, characterization, and catalytic activity	Mojtaba Amini, Fatemeh Bakhshi Ghameshloo, Sanjeev Gautam, Keun Hwa Chae	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Ionics	2018 - 2019	0947-7047

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Application of Internet Technology in assembling literature for palaeontological research.	Ashu Khosla	Department of Geology	Iranian Journal of Science and Technology, Transactions A: Science	2018 - 2019	1028-6276
Other Ways of Living: Moving with the Western Himalayan Shepherds	Mahesh Sharma	Department of Evening Studies	IRCEN	2018 - 2019	NA
Evaluation of Genotoxic and Cytotoxic effects of ethyl acetate extract of Aspergillus flavus on Spodoptera litura	Dr. Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	J Appl Microbiology	2018 - 2019	1365-2672
Comparison of efficacy of cold trypsinization versus warm trypsinization in preparation of autologous noncultured epidermal cell suspension for treatment of stable vitiligo.	Awasti S, Vinay K, Thakur V, Kumar R, Holla AP, Sahni K, Parsad D, Kanwar AJ.	Department of Zoology	J Eur Acad Dermatol Venereol	2018 - 2019	ISSN / eISSN: 0926-9959 / 1468-3083
Naringenin and its nanocarriers as potential phytotherapy for autism spectrum disorders	Bhandari, R., Paliwal, J. K. & Kuhad, A.	University Institute of Pharmaceutical Sciences	J Funct Foods	2018 - 2019	1756-4646
Anticancer potential of Tinospora cordifolia and arabinogalactan against benzo(a)pyrene induced pulmonary tumorigenesis: A study in relevance to various biomarkers	Mohan, V., Koul, A	Department of Biophysics	J Herbmед Pharmacol	2018 - 2019	ISSN 23455004
Comparison of clinical effectiveness of single and multiple applications of 1% chlorhexidine varnish (Cervitec Plus) along with scaling and root planing in patients with chronic periodontitis.	Dr Vishakha Grover,	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	J Indian Soc Periodontol	2018 - 2019	09751580, 0972124X
Effect of scaling and Root planing as monotherapy on Glycemic control in patients of Type 2 diabetes with chronic periodontitis: A systematic review and meta-analysis.	Dr. Shaveta Sood	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	J Indian Soc Periodontol	2018 - 2019	09751580, 0972124X
Effect of oral health behaviour and demographic variables on gingival health in 11-16-year-old school children in Chandigarh, India: a cross-sectional study.	Urvashi Sharma, Namrata Gill, Anubha Gulati, Sidhi Passi, Leena Verma, Ikreet S Bal, Rosy Arora, Arc	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	J Invest Clin Dent	2018 - 2019	ISSN 20411626, 20411618
Modeling linearity and ambipolarity in GFETs on different dielectrics for communication applications	Preetika sharma	University Institute of Engineering & Technology	J Mater Sci: Mater Electron (2018)	2018 - 2019	2883–2889
A systematic investigation of acetylene hydrohalogenation catalyzed by gold cluster via density functional theory	Sarita Yadav, Sonal Singhal and Neetu Goel	Department of Chemistry	J. Indian Chem. Soc., 2019(96), 869-873	2018 - 2019	0019-4522

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Structure, Spectroscopic Properties and Catalytic Activity for Epoxide Ring-Opening of Nickel Methylxanthate	Girijesh Kumar*, R. Kumar, G. Ogruc-Ildiz*, R. Fausto and A. Husain	Department of Chemistry	J. Mol. Struct., 2019, 1177, 33–46	2018 - 2019	0022-2860
One-Step Assembly of Functionalized Morpholinones and 1,4-Oxazepane-3-ones via [3+3]- and [3+4]-Annulation of Aza-oxyallyl Cation and Amphoteric Compounds	Tishyasoumy Bera, Bandana Singh, Trevor A. Hamlin, Subash C. Sahoo, and Jaideep Saha	Department of Chemistry	J. Org. Chem., 2019, 84, 23, 15255-15266	2018 - 2019	0022-3263
Novel electrochemical sensing of arsenic ions using a simple graphite pencil electrode modified with tin oxide nanoneedles	Gaurav Bhanjana, Navjot Mehta, Ganga Ram Chaudhary, Neeraj Dilbaghi, Ki-Hyun Kim, Sandeep Kumar	Department of Chemistry	J.Mol.Liq., 264 (2018) 198-204	2018 - 2019	0167-7322
Recycling of Waste Poly (ethylene terephthalate) Bottles by Alkaline Hydrolysis and Recovery of Pure Nanospindle-Shaped Terephthalic Acid	(S Singh, S Sharma, A Umar, S.K Mehta, MS Bhatti, SK Kansal)	Department of Chemistry	J.Nanoscience and Nanotechnology 18 (8), 5804-5809 (2018)	2018 - 2019	1533-4880
Anganwadi workers as propelling forces towards Inclusion	Dr. Md. Saifur Rahman	Department of Community Education & Disability Studies	Jamia Journal of Education	2018 - 2019	ISSN - 23483490
‘Electoral Politics in Punjab: A Study of Shiromani Akali Dal’, JapaneseJournalofPoliticalScience, Cambridge University Press, 19 (1): 1-20, 2018	Prof. Ashutosh KUmar	Department of Political Science	Japanese Journal of Political Science	2018 - 2019	Volume 19 , Issue 1 , March 2018 , pp. 41 - 60
Dalit Women in India: A Critical Reflection, Ameer Sultana	Dr Ameer Sultana	Department Cum Centre for Women Studies & Development	JETIR	2018 - 2019	ISSN-2349-5162
Excess Thermodynamic Properties of a binary liquid mixture of Isopropylbenzene and N, N dimethylformamide at T= 293.15 K, 303.15 K and 313.15 K, Journal of Emerging Technologies and Innovative Research	Gill, B. K., Bhanote, R. and Rattan, V. K.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	JETIR	2018 - 2019	2349-5162
Event-shape engineering for the D-meson elliptic flow in mid-central Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV JHEP 1902, 150 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 02 (2019) 150	2018 - 2019	10298479
Λ_c^+ production in pp collisions at $\sqrt{s} = 7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV ^[SEP]	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1804, 108 (2018).	2018 - 2019	10298479
CMS Collaboration (Albert M Sirunyan et al.) Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at $\sqrt{s} = 13$ TeV. JHEP 1805, 148 (2018).	Beri, S., Singh, J.B., Kaur, M., & Bhatnagar.V., Chauhan. S	Department of Physics	JHEP 1805, 148 (2018).	2018 - 2019	10298479

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
CMS Collab. (Albert M Sirunyan et al.) Search for $t\bar{t}H$ production in the all-jet final state in proton-proton collisions at $\sqrt{s}=13$ TeV. JHEP 1806 (2018) 101	Beri, S., Singh, J.B., Kaur, M., & Bhatnagar.V., Chauhan. S	Department of Physics	JHEP 1806 (2018) 101	2018 - 2019	10298479
Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ and 2.76 TeV ^[SEP] JHEP 1807, 103 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1807 (2018) 103	2018 - 2019	10298479
Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV JHEP 1807, 160 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1807 (2018) 160	2018 - 2019	10298479
Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV ^[SEP] JHEP 1809, 064 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1809 (2018) 064	2018 - 2019	10298479
Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1810, 139 (2018).	2018 - 2019	10298479
Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC ^[SEP]	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1811, 013 (2018).	2018 - 2019	10298479
Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV JHEP 1902, 012 (2019)	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1902 (2019) 012	2018 - 2019	10298479
Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{NN}}=5.02$ TeV p-Pb collisions	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1903, 169 (2019).	2018 - 2019	10298479
CMS Collaboration (Albert M Sirunyan et al.) . Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV. JHEP 1906, 143 (2019).	Beri, S., Singh, J.B., Kaur, M., & Bhatnagar.V.,Chauhan. S	Department of Physics	JHEP 1906, 143 (2019).	2018 - 2019	10298479
Measurement of D^0 , D^+ , D^{*+} and D_s^+ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV ^[SEP] JHEP 1810, 174 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 8 (2016) 1-44	2018 - 2019	10298479
Calibration of the photon spectrometer PHOS of the ALICE experiment JINST 14, no. 05, P05025 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	JINST 14 (2019) no.05, P05025	2018 - 2019	17480221
CMS Collaboration (Albert M Sirunyan et al.). An embedding technique to determine $\tau\tau$ backgrounds in proton-proton collision data. JINST 14, 06032 (2019).	Beri, S., Singh, J.B., Kaur, M., & Bhatnagar.V., Chauhan. S	Department of Physics	JINST 14, 06032 (2019)	2018 - 2019	17480221

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
CMS Collaboration (Albert M Sirunyan et al.) . Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s}$ = 13 TeV using the CMS detector. JINST 14, 07004 (2019) .	Beri, S., Singh, J.B., Kaur, M., & Bhatnagar.V., Chauhan. S	Department of Physics	JINST 14, 07004 (2019)	2018 - 2019	17480221
Potential of Cave Tourism in Maharashtra: A Special reference to Lenyadri cave	Prashant Kumar Gautam	University Institute of Hotel and Tourism Management	Journal of Emerging Techonologies and Innovative Research	2018 - 2019	2349-5162
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A study to identify the factors influencing the slow food consumption among tourist	Prashant Kumar Gautam	University Institute of Hotel and Tourism Management	Journal of Advanced Research in Dynamical and Control Systems	2018 - 2019	1943-023X
Usage trends of external storage media in N-LIST e-resources by select degree colleges affiliated to Punjab University, Chandigarh: A comparative analysis	Dr. Rupak Chakravarty and Shivani Kaushal	Department of Library & Information Science	Journal of Advancements in Library Sciences	2018 - 2019	2349-4352
Sacred Centre of Mata Sitla Devi Temple of Gurugram	Sonia (Research Scholar)	Department of History	Journal of Advances and Scholarly Research	2018 - 2019	2230-7540
Effect of problem solving strategy on achievement in mathematics in relation to creativity.	Mehar, R., & Krishnamoorthy, R.V.	University School of Open Learning	Journal of Advances and Scholarly Researches in Allied Education	2018 - 2019	ISSN: 2230-7540.
Identifying Time-varying Drivers of Social Media Issues and Conversations	Gurpreet Singh Bawa, Suresh K. Sharma and Kanchan Jain	Department of Statistics	Journal of Advances in Mathematics and Computer Science, Science Domain International	2018 - 2019	2456-9968
A generalisation of strongly monomial groups	Gurmeet K. Bakshi	Department of Mathematics	Journal of Algebra	2018 - 2019	0021-8693
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Burgeoning tool of biomedical applications – Superparamagnetic nanoparticles	Khanna, L., Verma, N.K. & Tripathi, S.K.	Department of Physics	Journal of Alloys and Compounds	2018 - 2019	0925-8388
Interesting makeover of strontium hexaferrites for environment remediation from excellent photocatalysts to outstanding adsorbents via inclusion of Mn ³⁺ into the lattice	Paramdeep Kaur, Sneha Singh, Vinod Kumar, K.B. Tikoo, Bhupendra Chudasama, Anupama Kaushik, Sonal Si	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Alloys and Compounds	2018 - 2019	9258388

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Interesting makeover of Strontium hexaferrites for environment remediation from excellent photocatalysts to outstanding adsorbents via inclusion of Mn ³⁺ into the lattice.	Paramdeep Kaur; Sneha Singh; Vinod Kumar; K B Tikoo; Bhupendra Chudasama; Anupama Kaushik and Sonal	Department of Chemistry	Journal of Alloys and Compounds	2018 - 2019	0925-8388
A three stage integrated denoising approach for grey scale images	Goyal Bhawna	University Institute of Engineering & Technology	Journal of Ambient Intelligence and Humanized Computing	2018 - 2019	1868-5137
A three stage integrated denoising approach for grey scale images.	Goyal, Bhawna, Ayush Dogra, Sunil Agrawal, and B. S. Sohi	University Institute of Engineering & Technology	Journal of Ambient Intelligence and Humanized Computing	2018 - 2019	1868-5137
Development of a new, sensitive, and robust analytical and bio-analytical RP-HPLC method for in-vitro and in-vivo quantification of naringenin in polymeric nanocarriers	Bhandari, R., Paliwal, J. K. & Kuhad, A.	University Institute of Pharmaceutical Sciences	Journal of Analytical Science and Technology	2018 - 2019	2093-3371
Seasonal biochemical changes in three species of liverwort Plagiochasma of Mandi (Himachal Pradesh), India	Devi Kanchna, Kapila Sunita and Rao Anju	Department of Botany	Journal of Applied and Natural Science	2018 - 2019	E-ISSN: 2231-5209 P-ISSN: 0974-9411
Role of Heterophic aerobic denitrifying bacteria in nitrate removal from wastewater	A Rajta, R Bhatia, H Setia, P Pathania	University Institute of Engineering & Technology	Journal of Applied Microbiology	2018 - 2019	ISSN:1364-5072
Forensic Examination of Textile Fibers Using UV-Vis Spectroscopy Combined with Multivariate Analysis	Vishal Sharma	Institute of Forensic Science & Criminology	Journal of Applied Spectroscopy	2018 - 2019	00219037, 15738647
The taphonomy and palaeoecology of the Middle Miocene hominoid locality of Ramnagar (Jammu and Kashmir, India)	Ningthoujam Premjit Singh, Christopher C. Gilbert, Biren A. Patel, Rajeev Patnaik	Department of Geology	Journal of Asian Earth Sciences	2018 - 2019	1367-9120
A new murid rodent assemblage from Upper Siwaliks, Himachal Pradesh, India: Biostratigraphic and phylogenetic implications	Rajeev Patnaik, Simran Kotla, Premjit Singh, Ankita Singla and Jagjeet Kaur	Department of Geology	Journal of Asian Earth Sciences	2018 - 2019	1367-9120
Emergence and evolution of Himalayan Foreland Basin	R.Patnaik,R.S.Loyal,B.P.Singh	Department of Geology	Journal of Asian Earth Sciences	2018 - 2019	1367-9120
Isotopic evidence for ecological and climate change in the richly fossiliferous Plio- Pleistocene Upper Siwalik deposits exposed around Chandigarh, India	Simran Singh Kotla, Rajeev Patnaik, Ramesh Kumar Sehgal, Aditya Kharya	Department of Geology	Journal of Asian Earth Sciences	2018 - 2019	1367-9120
Can EEG Predict Response to Atomoxetine in attention deficit hyperactivity disorder at 1 Week?	Damanjeet Kaur,Gurmukh Singh, Priti Arun, Subhash Das	University Institute of Engineering & Technology	Journal of Attention Disorders 1 –10	2018 - 2019	1087-0547

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Protective efficacy of Chlorophytum borivillianum root extract against murine visceral leishmaniasis by immunomodulating the host responses.	Kaur R and Kaur S	Department of Zoology	Journal of Ayurveda and Integrated Medicine	2018 - 2019	ISSN / eISSN: 0975-9476 / 0976-2809
Protective efficacy of Chlorophytum borivillianum root extracts against murine visceral leishmaniasis by immunomodulating the host responses.	R. Kaur and S Kaur	Department of Zoology	Journal of Ayurveda and Integrative Medicine.	2018 - 2019	S0975-9476(17)30196-1
Quercetin plays protective role in oxidative induced apoptotic events during chronic chlorpyrifos exposure to rats	Soheil Fereidouni, Ravi Ranjan Kumar, Vijayta D Chadha, Devinder Kumar Dhawan	Centre for Nuclear Medicine	Journal of Biochemical and Molecular Toxicology	2018 - 2019	Online ISSN:1099-0461
Fabrication of iron oxide nanocolloids using metallosurfactant based microemulsions: Antioxidant activity, cellular and genotoxicity towards Vitis vinifera	Gurpreet Kaur*, Varsha Dogra, Rajeev Kumar, Sandeep Kumar &&& Kashmir Singh	Department of Chemistry	Journal of Biomolecular Structure and Dynamics	2018 - 2019	0739-1102
Interaction of aspartic acid and asparagine with RNA nucleobases: a quantum chemical view	Deepika Kagra, S. P. Preethi and Purshotam Sharma	Department of Chemistry	Journal of Biomolecular Structure and Dynamics	2018 - 2019	0739-1102
NMR structure and dynamics of inhibitory repeat domain variant 12, a plant protease inhibitor from Capsicum annum, and its structural relationship to other plant protease inhibitors	Janeke Gartia, Nidhi saikhedker, Raveendra Anangi, Ashok R. Giri, Glenn King, Ravi P Barnwal\$ and Ka	Department of Biophysics	Journal of Biomolecular Structure and Dynamics	2018 - 2019	ISSN 07391102
Narrative worlds of a frugal consumer: Unmasking romanticized spirituality to reveal responsabilization and de-politicization	Bawa, A. (Jagannathan, S. & Rai, R.)	University Business School	Journal of Business Ethics	2018 - 2019	Vol.161, Issue 1, pp. 1-20
Programmed Cell Death: A Process of Death for Survival" - How Far Terminology Pertinent for Cell Death in Unicellular	Pandey S S, Singh S, Pathak C, Tiwari BS	Department of Microbial Biotechnology	Journal of Cell Death	2018 - 2019	1179-0660
Crystal and Molecular Structure and DFT Calculations of the Steroidal Oxime 6E-Hydroximino-androst-4-ene-3,17-dione (C19H25NO3) a Molecule with Antiproliferative Activity,	Palmer, R. A., Lisgarten, D. R., Cockcroft, J. K., Lisgarten, J. N., Talbert, R., Dines, T., Bansal, R., Acharya, P. C. && Suryan, A.	University Institute of Pharmaceutical Sciences	Journal of Chemical Crystallography	2018 - 2019	1572-8854
Synthesis, characterization, and application of easily accessible resin-encapsulated nickel nanocatalyst for efficient reduction of functionalized nitroarenes under mild conditions	Rani, Poonam; Singh, Kamal Nain; Kaur, Amarjit	Department of Chemistry	Journal of Chemical Sciences	2018 - 2019	0974-3626

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Synthesis, characterization, and application of easily accessible resin-encapsulated nickel nanocatalyst for efficient reduction of functionalized nitroarenes under mild conditions . 201	POONAM RANI, KAMAL NAIN SINGH and AMARJIT KAUR*	Department of Chemistry	Journal of Chemical Sciences	2018 - 2019	0974-3626
Water-soluble Glutathione-CdS QDs with exceptional antimicrobial properties synthesized via green route for fluorescence sensing of fluoroquinolones	R. Malik, A. Pinnaka, M. Kaur, V. Kumar, S. Singh, A. Kaushik, Sonal Singhal	Department of Chemistry	Journal of Chemical Technology and Biotechnology	2018 - 2019	0268-2575
Temperature and concentration dependence towards physicochemical and FTIR spectral studies of glycine, L-alanine and L-valine in aqueous solutions of nortriptyline hydrochloride	Suresh Kumar Sharma, Gurpreet Singh, Ramesh Kataria, Harsh Kumar	Department of Chemistry	Journal of Chemical Thermodynamices	2018 - 2019	0021-9614
Stability Kinetics of Imiquimod: Development and Validation of an Analytical Method. Journal of Chromatographic Science	Sharma, M., Sharma, G., Singh, B. & Katare, O. P.	University Institute of Pharmaceutical Sciences	Journal of Chromatographic Science	2018 - 2019	00219665, 1945239X
Environmental Friendly technological advancement to enhance the sustainability in surface grinding- A review	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of cleaner Production	2018 - 2019	0959-6526
Evaluation of the kinetic and catalytic properties of biogenically synthesized silver nanoparticles	Shweta Sharma	Institute of Forensic Science & Criminology	Journal of Cleaner Production	2018 - 2019	2190-5517
Kinetic and mechanistic investigations of biogenically synthesized silver nanoparticles and evaluation of their excellent catalytic activity	Shweta Sharma	Institute of Forensic Science & Criminology	Journal of Cleaner Production	2018 - 2019	0959-6526
The potential of green synthesized zinc oxide nanoparticles as nutrient source for plant growth	S. K. Upadhyay, Rawat M, Kim K-H	Department of Botany	Journal of Cleaner Production	2018 - 2019	0959-6526.
Catalyzing Public Healthcare Efficacy: Striking the Right Cords of Leadership	Ravinder Nath Bansal, Meenakshi Malhotra	University Business School	Journal of Clinical and Diagnostic Research	2018 - 2019	0973- 709X
Association of Manual Weight Lifting Tasks with Low Back Pain: A Pilot Study	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Journal of Clinical and Diagnostics Research (JCDR)	2018 - 2019	12569
Inheritance of Hypertrichosis Pinnae Auris	Baryah N, Krishan K, Puri S and Kanchan T	University Institute of Engineering & Technology	Journal of clinical and diagnostic research	2018 - 2019	0973-709X
Clinically significant changes in the spherical equivalent hyperopia in patients with refractive accommodative Esotropia: A longitudinal study	S.K.Sharma and Kanwar Mohan	Department of Statistics	Journal of Clinical Ophthalmology and Research	2018 - 2019	2320-3897 (Print) / 2320-3900

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Effect of Lipid Chain Length on Nanostructured Lipid Carriers: Comprehensive Structural Evaluation by Scattering Techniques	(Rohini Kanwar; M. Gradzielski; S. Prevost; G.Kaur; D. Clemens; M.S Appavou and S. K. Mehta)	Department of Chemistry	Journal of Colloid and Interface Science	2018 - 2019	0021-9797
Fabrication of novel Carbon Quantum Dots modified Bismuth Oxide (-Bi2O3/C-dots): Material Properties and Catalytic Applications	(S.Sharma; S.K.Mehta; A.Ibhadon and S.K.Kansal)	Department of Chemistry	Journal of Colloid and Interface Science	2018 - 2019	0021-9797
Fabrication of novel carbon quantum dots modified bismuth oxide (α -Bi2O3/C-dots): Material properties and catalytic applications	S Sharma, SK Mehta, AO Ibhadon, SK Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of colloid and interface science	2018 - 2019	0021-9797
An improved algorithm for two stage time minimization assignment problem	E. Jain, K. Dahiya, Anuj Sharma and V. Verma	Department of Computer Science & Applications	Journal of Combinatorial Optimization	2018 - 2019	1382-6905
Determinants of Public-Private Partnerships in Infrastructure: A Study of Developing Countries	Kumar, Naveen	University Institute of Applied Management Sciences	Journal of Commerce and Accounting Research	2018 - 2019	2277-2146
Performance of OFDM: FSO Communication System with Hybrid Channel Codes during Weak Turbulence	Ritu Gupta, Tara Kamal Singh, Preeti Singh	University Institute of Engineering & Technology	Journal of Computer Networks and Communications	2018 - 2019	2090-7141
Concealed Weapon Detection using Wavelet, Dual Tree Complex Wavelet Transform and Curvelet Transform	Dogra Ayush, Apoorav Maulik Sharma, Bhawna Goyal, Sunil Agrawal, And Renu Vig	University Institute of Engineering & Technology	Journal of Computer Science	2018 - 2019	1549-3636
Mapping the Work-Home Conflict of Indian Fashion & Lifestyle Journalists: A Study of Punjab, Haryana and Himachal Pradesh Bureaus	Dr Prabhdip Brar	University Institute of Fashion Technology & Vocational Development	Journal of Content, Community & Communication	2018 - 2019	ISSN 2395-7514
Development of Human Face literature database using Text Mining Approach	S.K.Sharma, Paramjit Kaur, Kewal Krishan et.al	Department of Statistics	Journal of Craniofacial Surgery	2018 - 2019	10492275, 15363732
High-temperature-tolerant mungbean (Vigna radiata L.) lines produce better yields when exposed to higher CO2 levels	Prof. Harsh Nayyar	Department of Botany	Journal of Crop Improvement	2018 - 2019	ISSN: 1542-7528 (Print) 1542-7536 (Online)
Bisvi shatabdi ke antim do dashko ki kavita;phechan aur savroop	Dr.Pradeep Rai	P.U. Rural Centre, Kauni, Muktsar	Journal of Current Science	2018 - 2019	ISSN;9726-001X
A novel PEGylated carbon nanotube conjugated mangiferin: an explorative nanomedicine for brain cancer cells	Harsha, P. J., Thotakura, N., Kumar, M., Sharma, S., Mittal, A., Khurana, R. K., Singh, B. & Negi, P.	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science Technology	2018 - 2019	1773-2247

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Efficacy of intravesical targeting of novel quorum sensing inhibitor nanoparticles against Pseudomonas aeruginosa biofilm-associated murine pyelonephritis. J Drug Target. 2019 Nov;27(9):995-1003. doi: 10.1080/1061186X.2019.1574802. Epub 2019 Feb 11.	Vadekeetil A, Chhibber S, Harjai K. (2019)	Department of Microbiology	Journal of Drug Targeting	2018 - 2019	1061-186X
Long-chain triglycerides-based self-nanoemulsifying oily formulations (SNEOFs)of darunavir with improved lymphatic targeting potential	Garg, B., Beg, S., Kaur, R., Kumar, R., Katare, O. P. & Singh, B	University Institute of Pharmaceutical Sciences	Journal of Drug Targeting	2018 - 2019	10292330, 1061186X
Characteristics and mechanism associated with drug conjugated inorganic nanoparticles	Bharti, S., Kaur, G., Jain, S., Gupta, S.& Tripathi, S.K.	Department of Physics	Journal of drug targetng	2018 - 2019	1029-2330
Topical delivery of TRPsiRNA-loaded solid lipid nanoparticles confer reduced pain sensation via TRPV1 silencing, in rats	Sharma, G., Chopra, K., Puri, S., Bishnoi, M., Rishi, P., and Kaur, IP.	University Institute of Engineering & Technology	Journal of drug targetting	2018 - 2019	1061-186X
An ichnofossil assemblage from the fluvial deposits of the Upper Pliocene–Pleistocene Pinjor Formation (Siwalik Group), northwestern Himalayas, India: Palaeoenvironmental implications.	Ashu Khosla	Department of Geology	Journal of Earth System Science	2018 - 2019	0973774X
Landslide stability assessment along Panchkula-Morni road, Nahan Salient NW Himalaya, India	Singh.,J and Thakur,M.	Department of Geology	Journal of Earth System Science	2018 - 2019	0973-774X
Optimizing the effect of reinforcement, particle size and aging on impact strength for Al 6061-red mud composite using Taguchi technique	Dr. Amit Chauhan	University Institute of Engineering & Technology	Journal of Earth System Science	2018 - 2019	02534126, 0973774X
Technological versus Pecuniary External Economies: The Former Rule the Roost, Journal of Economic Issues, 53 (1), 81-97 (Routledge: Taylor and Francis Group)	Padhi,S.P	Department of Economics	Journal of Economic Issues, 53 (1), 81-97	2018 - 2019	print : 0021-3624 online : 1946-326X
Family Physicians’ knowledge and awareness regarding oral health- A survey	Dr. Harveen Kaur	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Education and Health Promotion	2018 - 2019	ISSN 2319-6440
Effect of dental erosion on oral health among employees of battery manufacturing units in baddi, Himachal Pradesh,India	Dr.Sunint Singh	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Education and Health Promotion Volume 7 February 2018	2018 - 2019	ISSN 2319-6440
Career decision making among girl students in relation to their family environment.	Goyal, M. and Grover, J.	Department of Education	Journal of Education, 7(2), 81-86.	2018 - 2019	0975-5004
Learning Biology through problem based learning - perception of students	Dr.Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of educational Technology	2018 - 2019	0973-0559

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Problem based learning strategy for development of skills :A Review	Dr.Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal Of Educational Technology	2018 - 2019	0973-0559
Short Term Load Forecasting Model Based on Kernel-Support Vector Regression with Social Spider Optimization Algorithm	Damanjeet kaur	University Institute of Engineering & Technology	Journal of Electrical Engineering and Technology	2018 - 2019	19750102
An Optimal Controller for Load Frequency Control in Multi-Area Deregulated power system	Alireza Sina and Damanjeet Kaur	University Institute of Engineering & Technology	Journal of Electrical Systems, 142-158, Vol 15, NO 1	2018 - 2019	1112-5209
Investigation of local geometrical structure, electronic state and magnetic properties of PLD grown Ni doped SnO2 thin films	Mayuri Sharma, Rezq Naji Aljawfi, Kavita Kumari, KH Chae, S Dalela, S Gautam, PA Alvi, Shalendra Kum	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Electron Spectroscopy and Related Phenomena	2018 - 2019	0368-2048
Design and Simulation of a Frequency Doubler Using Graphene Nanoribbon Field Effect Transistors for Communication Devices	Preetika sharma	University Institute of Engineering & Technology	Journal of Electronic Materials	2018 - 2019	03615235, 1543186X
Effect of TiO2 concentration on the non-volatile memory behaviorof TiO2-PVA polymer nanocompositesJournal of Electronic Materials.	Jyoti, Kaur, R., Singh, S., Sharma, J. & Tripathi, S.K.	Department of Physics	Journal of Electronic Materials	2018 - 2019	0361-5235
Temperature Robust Active Vibration Controller Using MWCNT/Epoxy Strain Sensor and PZT-5H Actuator	Sapra G, M. Sharma, R. Vig and S. Sharma	University Institute of Engineering & Technology	Journal of ELECTRONIC MATERIALS	2018 - 2019	03615235, 1543186X
Core-Shell Nanostructured Mixed Ligand Directed ZnO Nanoparticles with Excellent Structural, Optical and Electronic Properties for Application in Light Emitting Devices	Madhu, C., Kaur, N., Kaur, I., Madhu, G., Srivastava, R.	Department of Chemistry	Journal of Electronic Materials, 2018, 47, 7409	2018 - 2019	0361-5235
A Comparative Study of Depression, Anxiety and Well Being Among Elderly	Roshan Lal and Ritu Sekhri	Department of Psychology	Journal of Emerging Technologies and Innovative Research	2018 - 2019	2349-5162
A study of mathematics achievement of secondary school students in relation to metacognitive awareness, gender and type of school	Dr. Anuradha Sharma and Mukesh Kumar	Department of Community Education & Disability Studies	Journal of Emerging Technologies and Innovative Research	2018 - 2019	2349-5162
Bioscouring of Cotton Fabrics and Fibres by Pectinases from Penicillium	Rahi, D.K., Sukhwinder Singh and Maninderjeet Kaur	Department of Microbiology	Journal of Emerging Technologies and Innovative Research	2018 - 2019	23495162
Characterization of Exopolysaccharide (EPS) produced by Root Nodule isolate Enterobacter cloacae, isolated from Phaseolus vulgaris	Rahi, D. K., Ekta Chaudhary && Deepika Malik	Department of Microbiology	Journal of Emerging Technologies and Innovative Research	2018 - 2019	23495162

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Emission, Health Effects, and Catalyst used for Removal of Volatile Organic Compounds (VOCs) from Vehicles	Umang Bedi, Sanchita Chauhan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Emerging Technologies and Innovative Research	2018 - 2019	2349-5162
Hepatotoxicity On Acute Exposure To Cadmium Chloride In Mice. JETIR, 2019, Vol 6 (5), 384-390.	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Journal of Emerging Technologies and Innovative Research	2018 - 2019	2349-5162
Impact of Web Games on Adolescents Studying in Chandigarh	Dr. Navleen Kaur and Jaskirat Kaur	Department of Community Education & Disability Studies	Journal of Emerging Technologies and Innovative Research	2018 - 2019	2349-5162
Overview on Pretreatment Methods of Lignocellulosic Biomass for Efficient production of Biofuels	Maninder Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Emerging Technologies and Innovative Research	2018 - 2019	(2349-5162
Role and Responsibility of School Management Committee Members towards Sarva Shiksha Abhiyan	Dr. Anuradha Sharma and Vikas Sharma	Department of Community Education & Disability Studies	Journal of Emerging Technologies and innovative Research	2018 - 2019	2349-5162
Role and responsibility of teachers towards successful implementation of Sarva Shiksha Abhiyan	Dr. Anuradha Sharma and Vikas Sharma	Department of Community Education & Disability Studies	Journal of Emerging Technologies and innovative Research	2018 - 2019	2349-5162
Sustainable Practices for Management of Rice Straw	Maninder Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Emerging Technologies and Innovative Research	2018 - 2019	2349-5162
Chindi'or Textile Waste Products of Panipat, India – Dynamism of Emerging Opportunities	Dr Prabhdip Brar	University Institute of Fashion Technology & Vocational Development	Journal of Emerging Technologies and Innovative Research (JETIR)	2018 - 2019	ISSN-2349-5162
Review of supercapacitors: Materials and devices	Poonam, Sharma, K., Arora, A. & Tripathi, S.K.	Department of Physics	Journal of Energy Storage	2018 - 2019	2352-152X
THERMAL PERFORMANCE OF AN INSULATED AND WINDOW AREA OPTIMIZED HOUSE	Mr.Ravinder K Paul	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Engineering Science and Technology	2018 - 2019	1823-4690
Wastewater cleanup using Phlebia acerina fungi: An insight into mycoremediation	Rajeev Kumar 1 , Sushma Negi 2 , Priyanka Sharma 2 , I B Prasher 3 , Savita Chaudhary 4 , Jasp	Department of Environment Studies	Journal of Environment Management,	2018 - 2019	0301-4797
Fixed bed recirculation type photocatalytic reactor with TiO2 immobilized clay beads for the degradation of pesticide polluted water	Sraw, A., Kaur, T., Pandey, Y., Sobti, A., Wanchoo, R. K., & Toor, A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of environmental chemical engineering	2018 - 2019	2213-3437

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Removal of ciprofloxacin hydrochloride from aqueous solution using vertical bed and sequential bed columns	Neeta Sharma & Neha Dhiman	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Environmental Chemical Engineering	2018 - 2019	
Exposure to mobile phone radiations at 2350 MHz incites cyto- and genotoxic effects in root meristems of Allium cepa	Shalinder Kaur	Department of Botany	Journal of environmental health science and engineering	2018 - 2019	2052-336X
Phenotypic variations alter the ecological impact of invasive alien species: Lessons from Parthenium hysterophorus	D. R. Batish	Department of Botany	Journal of environmental management	2018 - 2019	10958630
Wastewater cleanup using Phlebia acerina fungi: An insight into mycoremediation.	Rajeev Kumar, Sushma Negi, P. Sharma, I.B. Prasher, Savita Chaudhary, J.S. Dhau and Ahmad Umar	Department of Chemistry	Journal of Environmental Management	2018 - 2019	0301-4797
Wastewater cleanup using Phlebiaacerina fungi: An insight into mycoremediation. Journal of environmental management	Kumar, R. & I.B. Prasher	Department of Botany	Journal of Environmental Management	2018 - 2019	3014797
eDNA from feathers – a valuable tool and unique source for identification of birds	Archana Chauhan, Kajal Kamboj, Namita and Harneet Kaur	Department of Zoology	Journal of Experimental Zoology	2018 - 2019	ISSN : 0972-0030
Synthesis and functional properties of gelatin/CA-starch composite film: Excellent food packaging material	Raj Kumar, Gargi Ghoshal, Meenakshi Goyal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Food Science and Technology	2018 - 2019	0975-8402
A novel study to examine the association of PCSK9 rs505151 polymorphism and coronary artery disease in north Indian population	S. REDDY* , NAINDEEP KAUR and JAGTAR SINGH	Department of Biotechnology	Journal of Genetics,	2018 - 2019	0022-1333
Local Governance of Municipal Solid Waste Management – A Case Study of Jalandhar City (Punjab), India	Prof. Ramanjit K. Johal (Co-Author)	Department of Public Administration	Journal of Governance & Public Policy	2018 - 2019	978-981-13-7070-0
Functionalized magnetic nanomaterials for rapid and effective adsorptive removal of fluoroquinolones: Comprehensive experimental cum computational investigations	Rupal Malika, Ankita Goyal, Sarita Yadav, Nancy Gupta, Neetu Goel, Anupama Kaushik, Vinod Kumar K.B.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Hazardous Materials	2018 - 2019	3043894
Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV JHEP 1809, 006 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	Journal of High Energy Physics	2018 - 2019	10.1007

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Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV _{SEP} JHEP 1810, 061 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	Journal of High Energy Physics	2018 - 2019	11266708
A Scientometric analysis of world H1N1 research: A medical librarian role.	Prof. Preeti Mahajan	Department of Library & Information Science	Journal of Hospital Librarianship	2018 - 2019	1532-3277
Awareness and use of N-LIST E-resources of the select degree colleges affiliated to Panjab University, Chandigarh: A comparative analysis	Dr. Rupak Chakravarty and Shivani Kaushal	Department of Library & Information Science	Journal of Indian Library Association	2018 - 2019	22775415
Multi-channel medium access control protocols: review and comparison	Rohit Kumar, Dr. Kavita Taneja, Dr. Harmunish Taneja	Department of Computer Science & Applications	Journal of Information and Optimization Sciences	2018 - 2019	2169-0103
Preparation and Characterization of Magnetic Chitosan/Cu–Mg–Al Layered Double Hydroxide Nanocomposite for the One-Pot Three-Component (A 3) Coupling of Aldehydes, Amines and ...	Mohammad Nikkhoo, Mojtaba Amini, S Morteza F Farnia, Gholam Reza Mahdavinia, Sanjeev Gautam, Keun Hw	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Inorganic and Organometallic Polymers and Materials	2018 - 2019	1574-144 3
An efficient approach for secure information retrieval on cloud	Naveen Aggarwal	University Institute of Engineering & Technology	Journal of Intelligent & Fuzzy Systems , vol. 34, no. 3,	2018 - 2019	1345–1353
Convolutional neural networks based potholes detection using thermal imaging	Naveen Aggarwal	University Institute of Engineering & Technology	Journal of King Saud University - Computer and Information Sciences	2018 - 2019	1319-1578
Application of chemometric approach for QbD-Enabled development and validation of an RP-HPLC method for estimation of methotrexate.	Jain, A., Beg, S., Saini, S., Sharma, T., Katare, O. P. & Singh, B.	University Institute of Pharmaceutical Sciences	Journal of Liquid Chromatography & Related Technologies	2018 - 2019	1082-6076
Effect of co-activation on the thermoluminescence and photoluminescence properties of nano-crystalline K2Ca2(SO4)3:Eu,Cu	Dr. Akash KAtoch	Centre for Nanoscience and Nanotechnology	Journal of Luminescence	2018 - 2019	222313
Frozen foods: A consumer perspective	Bedi, M.	University Business School	Journal of Management Research and Analysis	2018 - 2019	Vol. 5, Issue 3, pp. 42-50
Pay Structure and OCB: A Study of telecom sector in India	Upasna Joshi	University Institute of Applied Management Sciences	Journal of Management Research and Analysis pp 3-8, vol 6, Issue1	2018 - 2019	ISSN 2394 –2770, PRINT ISSN 2349-2762
Nano fluids assisted environmental friendly lubricating strategies for the surface grinding of titanium alloy: Ti6Al4V-ELI	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Manufacturing Processes	2018 - 2019	1526-6125

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Design and synthesis of imine linked ZnO nanoparticles functionalized with Al(III), candidate for application in light emitting diodes	CHARU MADHU	University Institute of Engineering & Technology	journal of material science: material in electronics	2018 - 2019	0957-4522
Metallovesicles as smart nanoreactors for green catalytic synthesis of benzimidazole derivatives in water	Navneet Kaur, Simranpreet Kaur, Gurpreet Kaur, Aman Bhalla, Sesha Srinivasan, Ganga Ram Chaudhary	Department of Chemistry	Journal of Materials Chemistry A	2018 - 2019	2050-7488
Cholesterol induced physicochemical changes in dodecylamine based metallosomes: Drug entrapping ability and interactions with biological molecule	Baljinder Kaur, Gurpreet Kaur*, and G. R. Chaudhary	Department of Chemistry	Journal of Materials Chemistry B, 2019,7, 3679	2018 - 2019	2050-7518
Investigations on dry sliding frictional and wear characteristics of SiC and red mud reinforced Al2024 matrix hybrid composites using Taguchi's approach	Dr.Jaswinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Materials Design and Applications	2018 - 2019	---
Parametric Behaviour optimization of Macro and Micro hardness for Heat Treated Al 6061-Red Mud Composite	Dr. Amit Chauhan	University Institute of Engineering & Technology	Journal of Materials Research and Technology	2018 - 2019	22387854
Investigation of local atomic structure of Ni doped SnO2 thin films via X-ray absorption spectroscopy and their magnetic properties	Mayuri Sharma, Rezq Naji Aljawfi, Kavita Kumari, KH Chae, S Gautam, S Dalela, PA Alvi, Shalendra Kum	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Materials Science: Materials in Electronics	2018 - 2019	0957-4522
Protein (bovine serum albumin) driven copper selenide and copper telluride nanostructures: structural, optical and electrical properties	Akash Katoch	Centre for Nanoscience and Nanotechnology	Journal of Materials Science: Materials in Electronics	2018 - 2019	0957-4522
The ac conductivity of binary chalcogenide glasses Se100–xXx(X = Ge, In, Te)	Murti, R., Tripathi, S.K., Goyal, N. &Prakash, S.	Department of Physics	Journal of Materials Science: Materials in Electronics	2018 - 2019	0957-4522
Effect of processing conditions on the electrical resistance of MWCNT/epoxy nanocomposite based strain sensors	Gaurav	University Institute of Engineering & Technology	Journal of Materials Science: Materials in Electronics (2018) 29:19264–19277	2018 - 2019	0957-4522
Mechanical characterisation of ABS/MWCNT composites under static and dynamic loading conditions	P. Jindal, J. Jyoti, and N. Kumar	University Institute of Engineering & Technology	Journal of Mechanical Engineering and Sciences (JMES)	2018 - 2019	2289-4659
An uncommon presentation of hyperhomocysteinemia and Vitamin B12 deficiency - A case report -	Dr. Vinay Kapur	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Medical Case Reports	2018 - 2019	2582-6018

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Voxel based EQD_2 and BED evaluation of the radiotherapy treatment plans	Vivek Kumar	Centre for Medical Physics	Journal of Medical Physics 43, 155-161 (2018)	2018 - 2019	0971-6203 (print) 1998-3913 (web)
Bile Acid Oligomers and their Combination with Antibiotics to Combat Bacterial Infections.	Singla, P.; Dalal, P.; Kaur, M.; Arya, G. Nimesh, S.; Singh, R.;;* Salunke, D. B.	Department of Chemistry	Journal of Medicinal Chemistry	2018 - 2019	10265-10275
Kinetic characterization of Lakhcase from Bacillus atrophaeus, and its potential in juice clarification in free and immobilized forms	Narnoliya L.K., Agarwal N., Patel S. N., Singh S.P	Department of Microbial Biotechnology	Journal of Microbiology	2018 - 2019	0967-0912
Dynamics of Jacobi elliptic and soliton solutionsfor the modified quadratic-cubic nonlinearSchrödinger equation	Ritu Pal, Harneet Kaur, Amit Goyal & C. N. Kumar	Department of Physics	Journal of Modern Optics	2018 - 2019	0950-0340, 1362-3044
Concentration dependent adsorption of aromatic organic compounds by SWCNTs: Quantum-mechanical descriptors for nano-toxicological studies of biomolecules and agrochemicals,Journal of Molecular Graphics and Modeling, 85, 232-241, 2018.	Suman Lata and Vikas	Department of Chemistry	Journal of Molecular Graphics and Modelling	2018 - 2019	1093-3263
Nucleotide conjugated (ZnO)3 cluster: Interaction and optical characteristics using TDDFT	I. Kumari , N. Kaur , S. Gupta , N. Goel	Department of Chemistry	Journal of Molecular Graphics and Modelling	2018 - 2019	1093-3263
A comparative multi-assay approach to study the toxicity behaviour of Eu2O3 nanoparticles	Savita Chaudhary a,*, Priyanka Sharma b, Sandeep Kumar a, Sruthi Ann Alex c, Rajeev Kumar b, S.K. Me	Department of Environment Studies	Journal of Molecular Liquids	2018 - 2019	0167-7322
Fabrication of benzylisothiocynate encapsulated nanoemulsion through ultrasonication: Augmentation of anticancer and antimicrobial attributes	2. Raj Kumar , Khushwinder Kaur *,Satish Kumar Pandey, Rajendra Kumar, Shivani Uppal, S.K. Mehta	Department of Chemistry	Journal of Molecular Liquids	2018 - 2019	0167-7322
Fabrication of self-assembled imidazo[1,2-a] pyridine based materials: Understanding the impact of solvent and chemical modulation	S. K. Brar, S. Kumar, S. K. Pandey, K. K. Bhasin, N. Wangoo, Rohit K. Sharma	Department of Chemistry	Journal of Molecular Liquids	2018 - 2019	0167-7322
Metallosurfactants derived Pd-NiO nanocomposite for remediation of nitrophenol in water	Navneet, Akanksha, K.K. Bhasin, Gurpreet Kaur, Aman Bhalla, Jaspreet S. Dhau, Ganga Ram Chaudhary	Department of Chemistry	Journal of molecular liquids	2018 - 2019	0167-7322

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Synthesis, characterization, mechanistic studies and antimicrobial efficacy of biomolecule capped and pH modulated silver nanoparticles, ,	Kumar M, Bala R, Gondil V.S. , Jain D.V.S., Chhibber S., Sharma R.K., Wangoo N.,	Department of Microbiology	Journal of Molecular Liquids	2018 - 2019	0167-7322
Understanding the mechanism of adsorption of CTAB and polylysine on silver nanoparticles and detection of Hg2+ Experimental and DFT study	Dr Gurinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Molecular Liquids	2018 - 2019	0167-7322
Understanding the mechanism of adsorption of CTAB and polylysine on silver nanoparticles and detection of Hg2+: Experimental and DFT study	Dr. Aman Kaura	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Molecular Liquids	2018 - 2019	0167-7322
Comprehensive study on biocorona formation on functionalized selenium nanoparticle and its biological implications.	D. Chakraborty, P. Chauhan, S.A.Alex, Savita Chaudhary, K.R. Ethiraj, N. Chandrasekaran and A. Muk	Department of Chemistry	Journal of Molecular Liquids 268 (2018) 335–342 Impact factor 4.561	2018 - 2019	0167-7322
Structural and SAXS analysis of Protein folding/unfolding with cationic single chain metallosurfactants	Preeti Garg, Gurpreet Kaur, Ganga Ram Chaudhary, Santosh L Gawali, PA Hassan	Department of Chemistry	Journal of Molecular Liquids, 2018, 271, 157-165	2018 - 2019	0167-7322
A QM/MM study on ethene and benzene oxidation using silica-supported chromium trioxide	Shuchi Gupta	University Institute of Engineering & Technology	Journal of Molecular Modeling	2018 - 2019	16102940, 09485023
Crystal structure, Hirshfeld surface, DFT and BSA binding studies of dihydropyrazole-1-thiocarboxamides	R. Kataria, D. Vashisht, J. Sindhu, SK. Mehta, R. Kumar, SC. Sahoo, S.Kumar, FA. Afkhami, A. Gupta	Department of Chemistry	Journal of Molecular Structure	2018 - 2019	0022-2860
Effect of asymmetrical peripheral substitution of sulfonic acid group on the geometric and electronic structures and vibrations of copper phthalocyanine studied by computational and experimental techniques. Journal of Molecular Structure 1175: 314-334 (2019).	Kaur, P., Sachdeva, R., Singh, R., Soleimanioun, N., Singh, S. & Saini, G.S.S.	Department of Physics	Journal of Molecular Structure	2018 - 2019	0022-2860
Phytochemical analysis mode of action against Candida glabrata of Paeonia emoodi extracts	A Sharma, S Singh, R Tewari, VP Bhatt, J Sharma, IK Maurya	Department of Microbial Biotechnology	Journal of mycology medicale	2018 - 2019	1156-5233
Electro-Hydrodynamics Convection in Dielectric Rotating Maxwellian Nanofluid Layer	Veena Sharma, Anuradha Chowdhary, Urvashi Gupta, and A. Sharma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Nanofluids	2018 - 2019	2169-4338
Magneto convection in rotating nanofluid layer: Local thermal non-equilibrium model	Jyoti Ahuja, Urvashi Gupta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Nanofluids	2018 - 2019	2169-4338

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Recycling of Waste Poly (ethylene Terephthalate) Bottles by Alkaline Hydrolysis and Recovery of Pure Nanospindly-Shaped Terephthalic Acid)	S. Singh, S. Sharma, A. Umar, S. K. Mehta, MS Bhatti, SK Kansa	Department of Chemistry	Journal of Nanoscience and Nanotechnology	2018 - 2019	1533-4880
Reinforcing Graphene Oxide Nanoparticles to Enhance Viscoelastic Performance of Epoxy Nanocomposites	Prof. Amrinder Pal Singh	University Institute of Engineering & Technology	Journal of Nanoscience and Nanotechnology	2018 - 2019	24235911, 17357004.
Non desctructive evaluation and development of new wire rope tester using parallely magnetized NdFeB magnet systems	Gaurav	University Institute of Engineering & Technology	Journal of Nondestructive Evaluation (2018)	2018 - 2019	1573-4862
Title- Prevalence, site and tissue preference of myxozoan parasites infecting gills of cultured fingerlings of Indian major carps in District Fatehgarh Sahib, Punjab, India.	Ahmad I. Kaur H	Department of Zoology	Journal of Parasitic Diseases	2018 - 2019	0971-7196 / 0975-0703
Prevalence, site and tissue preference if myxozoan parasites infecting gills of cultured fingerlings of Indian major carps in District Fatehgarh Sahib, Punjab (India)	Ahmad I. Kaur H	Department of Zoology	Journal of Parasitic Diseases(JOPD)	2018 - 2019	Print ISSN 0971-7196
Investigating structural diversity in selected antioxidants-A virtual and experimental approach	Janhvi Dureja, Renu Chadha, Maninder Karan, Akshita Jindal and Kunal Chadha	University Institute of Pharmaceutical Sciences	Journal of Pharmaceutical Chemistry and Pharmacology	2018 - 2019	2574-7711
Antioxidant content and antioxidant activity of aqueous extract from processed shoots of an edible bamboo Dendrocalamus hamiltonii Nees & Arn. Ex Munro and their effect on hepatic lipid peroxidation levels in Balb/c mice	Bajwa H.R., Santosh O., Koul A., Bisht M.S. and Nirmala C.	Department of Botany	Journal of Pharmacognosy and Phytochemistry	2018 - 2019	2349-8234
Brahmi (Bacopa monnieri) as functional food ingredient in food processing industry	Devendra, Patel, S.S., Birwal, Preeti, Basu, Santanu, Deshmukh, G. and Datir, R	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Pharmacognosy and Phytochemistry	2018 - 2019	E-ISSN: 2278-4136
Isolation, molecular identification, phytochemical screening and in vitro anti-oxidant activity of endophytic fungi from AchileamillefoliumLinn,	Satari, A, H., Zargar, M. I., Shah, W. A., Bansal, R. & Bhat, M. F.	University Institute of Pharmaceutical Sciences	Journal of Pharmacognosy and Phytochemistry, 7(4): 87-92 (2018)RJ	2018 - 2019	2278-4136
A study showcasing crystal medley of metformin free base: virtual and experimental insights	Janhavi Dureja, Renu Chadha, Maninder Karan, Akshita Jindal, Kunal Chadha	University Institute of Pharmaceutical Sciences	Journal of Pharmacy Practice and Pharmaceutical Sciences	2018 - 2019	1482-1826
Mechanism and Kinetics of the Gas-Phase Stereo-inversion in Proteinogenic L-Threonine and Its Astrophysical Relevance	Namrata Rani and Vikas	Department of Chemistry	Journal of Physical Chemistry A	2018 - 2019	1089-5639

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Optimization of process parameters during machining of Ti6Al7Nb by grey relational analysis based on Taguchi	Anjali Gupta	University Institute of Engineering & Technology	Journal of Physics: Conference Series	2018 - 2019	17426588, 17426596.
Tracing the footprints of the ABCDE model of flowering in <i>Phalaenopsis equestris</i> (Schauer) Rchb. f.(Orchidaceae)	Himani Himani, Thakku R Ramkumar, Shivi Tyagi, Himanshu Sharma, Santosh K Upadhyay, Jaspreet K Sembi	Department of Botany	Journal of Plant Biotechnology	2018 - 2019	0ISSN 1229-2818 (Print) ISSN 2384-1397 (Online)
Arbuscular mycorrhiza <i>Rhizophagus irregularis</i> and silicon modulate growth, proline biosynthesis and yield in <i>Cajanus cajan</i> L. Millsp. (pigeonpea) genotypes under cadmium and zinc stress	Neera Garg	Department of Botany	Journal of plant growth regulation	2018 - 2019	7217595
Gene architecture and expression analyses provide insights into the role of glutathione peroxidases (GPXs) in bread wheat (<i>Triticumaestivum</i> L.).	S. K. Upadhyay	Department of Botany	Journal of Plant Physiology	2018 - 2019	0176-1617
Sustainable Urban Development and Citizen Participation in GovernanceCo-author- Seema Jagpal	Prof. Swinder Singh	University School of Open Learning	Journal of Public Affairs and Governance,	2018 - 2019	
On prolongations of valuations to the composite field	S. K. Khanduja	Department of Mathematics	Journal of Pure and Applied Algebra	2018 - 2019	0022-4049
Reconstructing Rohira: A Proto-Historic Settlement in the Sutlej – Yamuna Divide	Sidhu, Paru Bal	Department of Ancient Indian History, Culture & Archaeology	Journal of Regional History	2018 - 2019	0972-3781
Antifertility Effect of Sperm Agglutinating Factor Isolated from <i>Serratia marcescens</i> : An In vivo Study.	Vijay Prabha, Sanjeevani Negi, Aditi Chauhan, Harpreet Vander, Kalpana Rana and Deepali Thaper	Department of Microbiology	Journal of Reproductive Endocrinology & Infertility	2018 - 2019	2476-2008
Antifertility Effect of Sperm Agglutinating Factor Isolated from <i>Serratia marcescens</i> : An In vivo Study. Journal of Reproductive Endocrinology and Infertility. 3(1):5. ISSN 2476-200	Prabha V, Negi S, Chauhan A, Vander H, Rana K and Thaper D (2018).	Department of Microbiology	Journal of Reproductive Endocrinology & Infertility	2018 - 2019	ISSN 2476-2008
Bilateral mandibular canine with two canals in one root: A case report.	Amandeep Singh Uppal, Ruchi Singla, Jagat Bhushan	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	JOURNAL OF RESEARCH AND ADVANCEMENT IN DENTISTRY	2018 - 2019	2278-0076
COMPARSION OF INTERMAXILLARY TOOTH SIZE DISCREPANCY AMONG DIFFERENT MALOCCLUSION GROUPS	Amandeep Singh Uppal	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	JOURNAL OF RESEARCH AND ADVANCEMENT IN DENTISTRY	2018 - 2019	2278-0076
Effect of military footwear on balance and stability: A pilot study	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Journal of Research and Analytical Reviews (IJRAR)	2018 - 2019	1269

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Understanding determinants of user acceptance of WhatsApp: An empirical study	Bedi, M. (Chopra, P.)	University Business School	Journal of Services Research	2018 - 2019	Vol. 18, Issue 2, pp. 54-68
What Went Wrong With the Third Alternative? Exploring the Rise and Demise of the Aam Aadmi in Punjab Journal of Sikh and Punjab Studies (GISS, New York), Vol. 25, No. 1, Spring 2018	Prof. Ronki Ram	Department of Political Science	Journal of Sikh & Punjab Studies (GISS, New York)	2018 - 2019	Vol. 25, No. 1, Spring 2018, pp. 3-36
‘The 2017 Assembly Election in Punjab: Emergence of a Triangular Electoral System’, Journal of Sikh & Punjab Studies, Vol. 25(1):105-120, Spring 2018 (co-authored).	Prof. Ashutosh KUMar	Department of Political Science	Journal of Sikh and Punjab Studies	2018 - 2019	9715223
The Ghadar Reading of Giani Hira Singh Dard	Dr. Jasbir Singh	Department of History	Journal of Sikh and Punjab Studies	2018 - 2019	0971-5223
Social Cleavages, Deras and Politics in Eastern Punjab: A Study of Dera Sacha Sauda	Surinder Singh	P.U. Rural Centre, Kauni, Muktsar	Journal of Social and Administrative Science	2018 - 2019	2149-0406
Socio Economic, health and Working Conditions of Child Beedi Rollers in Beedi Industry	Dr. Monica Munjial Singh, Mohammad Amiri and Prof. Sherry Sabbarwal	Centre for Social Work	Journal of Social Science Studies	2018 - 2019	2329-9150
International Research Journal of Socio Legal Studies, Vol.III, Issue No.1 (Jan-Mar, 2018)	Rattan Singh	University Institute of Legal Studies	Journal of Socio Legal Studies	2018 - 2019	ISSN 2455-0019
Data Mining Methods and Techniques for Online Customer Review Analysis-A Literature Review	Dr. Nidhi Gautam	University Institute of Applied Management Sciences	Journal of System and Management Sciences	2018 - 2019	1816-6075
Cultural adaptation to climatic conditions among the Bhil tribe of block Badgaon, District Udaipur (Rajasthan).	Mehta, Jagriti & Sinha, A. K.	Department of Anthropology	Journal of the Anthropological Survey of India. 67(2):143-160	2018 - 2019	2632-4369 (Online)
Anthropological understanding of labor migration: a review	Sahil Bansal, Avanee Khatri, Prof. A.K. Sinha	Department of Anthropology	Journal of the Anthropological Survey of India.67(2):213-226	2018 - 2019	2632-4369 (Online)
Performance evaluation of textured carbide tools under environment- friendly minimum quantity lubrication turning strategies	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of the Brazillian society of Mechanical Sciences and Engineering	2018 - 2019	1678-5878
Pseudo Cavity of Schiff Base Ionophore Incorporated in Screen Printed Electrode for Sensing of Zn (II)	Rana, S., Mittal, S., Kaur, N., Craig, E. B.	Department of Chemistry	Journal of The Electrochemical Society	2018 - 2019	0013-4651
Development of Earthquake Event Detection Technique Based on STA/LTA Algorithm for Seismic Alert System	Satish Kumar, Renu Vig, Pawan Kapur	University Institute of Engineering & Technology	Journal of the Geological Society of India	2018 - 2019	0016-7622

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The weight distribution of a class of constacyclic codes	Poonam Trama Sehgal	Department of Mathematics	Journal of the Ramanujan Mathematical Society	2018 - 2019	ISSN:0970-1249
Impact of heat stress during seed filling on seed quality and seed yield in lentil (<i>Lens culinaris Medikus</i>) genotypes.	Prof. Harsh Nayyar	Department of Botany	Journal of the Science of Food and Agriculture	2018 - 2019	ISSN:1097-0010
Multi-walled carbon nanotubes applied through seed-priming influence early germination, root hair, growth and yield of bread wheat (<i>Triticum aestivum</i> L.)	Prof. Harsh Nayyar	Department of Botany	Journal of the Science of Food and Agriculture	2018 - 2019	ISSN (Online): 1097-0010
Experimental damage identification by applying structural dynamic model updating	Dr. Shankar Sehgal	University Institute of Engineering & Technology	Journal of Theoretical and Applied Mechanics	2018 - 2019	1429-2955
Machinability improvement in Inconel -718 by enhanced tribological and thermal environment using textured tool	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Thermal Analysis and Calorimetry	2018 - 2019	1588-2926
Plane waves in nonlocal thermoelastic solid with voids	S.K.Tomar	Department of Mathematics	Journal of Thermal Stresses	2018 - 2019	0149-5739
Sustainable Developmental Implications Of Community Based Tourism Initiatives In Himachal: An Empirical Study	SP Bansal, Purva Kansal, Sandeep Walia	University Business School	Journal of Tourism	2018 - 2019	0972-7310
Lok Adalats In India-Procedure And Practice	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of UIIS	2018 - 2019	ISSN 2229-3906
Gender Inequality and Violence against Women in India: An Analysis	Dr. Babita Devi Pathania	Department of Laws	Journal of University Institute of Legal Studies	2018 - 2019	2229-3906
Rule of Law in a Democracy in the Age of Terrorism	Shruti Bedi	University Institute of Legal Studies	Journal of University Institute of Legal Studies	2018 - 2019	ISSN 2229-3906
The Fugitive Economic Offenders Act 2018: An Overview	Jai Mala	University Institute of Legal Studies	Journal of University Institute of legal Studies	2018 - 2019	
Unfolding the Startling Dimensions of Industrial Disputes in India	Meenu Saihjpal	University Institute of Legal Studies	Journal of University Institute of Legal Studies	2018 - 2019	2229-3906
Master Strokes in Dipak Misra's LGBTQ Judgment	Chanchal Narang	University Institute of Legal Studies	Journal of University Institute of Legal Studies Vol. XII, 2018	2018 - 2019	ISSN 2229-3906
Tittle-Eco-feminism and its evaluation in India	Anupam Bahri	University Institute of Legal Studies	Journal of university Institute of legal studies vol-XII,	2018 - 2019	ISSN 2229-3906
Environmental Concerns Amidst Environmental Crisis: A Sikh Perspective	Navneet Arora	University Institute of Legal Studies	Journal of University Institute of Legal Studies,	2018 - 2019	ISSN 2229-3906,

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Addressing the Informality in E- Waste Management Practices: A Challenge in India	Pushpinder Kaur and Dolly Singh	University Institute of Legal Studies	Journal of University Institute of Legal Studies, 2018, Volume XII,	2018 - 2019	ISSN 2229-3906
Constitutional Validity of Section 377 IPC: A Debatable Issue	Singh, Rattan	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Panjab University, Chandigarh, Vol.XII (2018)	2018 - 2019	ISSN 2229-3906
Legal Issues relating to Internet of Things in India : A Study	Dr Amita Verma	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Panjab University, Chandigarh, Vol.XII (2018)	2018 - 2019	ISSN 2229-3906
The Input Tax Credit-A Key Element of Goods and Services Tax,	Dr. Dinesh Kumar and Sulbha Setia	Department of Laws	Journal of University Institute of Legal Studies, Vol. XIII, 2019	2018 - 2019	2229-3906
Impact of Deregulation on Overall Efficiency of Commercial Banks in India.	Simran Kaur	Department of Evening Studies	Journal of University Institute of Legal Studies.	2018 - 2019	2229-3906
Dividend Payout in Global Financial Markets	Dr. Manu Sharma, Puneet Gupta, Rouhi Gopal	University Institute of Applied Management Sciences	Journal of Wealth Management	2018 - 2019	1534-7524
Surfactant Coated Silica Nanoparticles as Smart Scavengers for Pesticides removal	Chaudhary, Savita 1 ; Sharma, Priyanka 2 ; Kaur, Arshpreet 1 ; Kumar, Rajeev 2 ; Mehta, S. K 1 ;	Department of Environment Studies	Journal of Nanoscience and Nanotechnology	2018 - 2019	1533-4880
Mechanical & Microstructure Aspects of Friction Stir Welded Aluminum Alloy AA2014 Butt Joints. i-manager's	Dr. Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal on Future Engineering and Technolog	2018 - 2019	2230-7184
New Distributional Record of Stuckenia pectinata (L.) Borner in Union Territory of Chandigarh, India	Prof. M.C. Sidhu	Department of Botany	Journal on New Biological Reports	2018 - 2019	2319 – 1104
A synoptic review of Eocene-Miocene records of the Indo-Burma Range (IBR), NE India and coeval northwestern Himalaya: Paleoenvironmental and tectonic inferences	Lokho, K., Singh, B.P., Bhandari, A.,	Department of Geology	Journal Palaeontological Society of India	2018 - 2019	0552-9360
Discovery of traces of Cruziana semiplicata and C. rugosa groups (Cambro-Ordovician) from the Lesser Himalaya, India and their stratigraphic, tectonic and palaeobiogeographic implications	Singh, B. P., Bhargava, O.N., Mikuláš, R., Prasad, S.K., Morrison, S., Chaubey, R.S., Kishore, N.,	Department of Geology	Journal Paleontological Society of India	2018 - 2019	0552-9360
Analyzing on the Effects of Process Parameters on Tensile strength for Al 6061- Red Mud Composite	Dr. Amit Chauhan	University Institute of Engineering & Technology	Journal Scientific and Industrial Research	2018 - 2019	0975-1084

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Human Resource Management of women Police in India: An Analysis	Dr. Kuldeep Singh	Centre for Police Administration	KAAV International Journal of Arts Humanities & Social Sciences	2018 - 2019	ISSN: 2348-4349
Ankhi de novelan vich Punjab di Mandhali te Chetna	Bhupinder Kaur	Department of Evening Studies	Kalakaar Sahitak	2018 - 2019	23481609
Lok hiteshi shayar kanwarjeet bathal	Bhupinder Kaur	Department of Evening Studies	Kalakaar Sahitak	2018 - 2019	23481609
Sahib's nautch girl: Colonial archaeology and the identity formation of a bronze girl statue from Mohenjo-daro	Dr. Ashish Kumar	Department of History	Karatoya: North Bengal University Journal of History	2018 - 2019	2229-4880
Ilm aur film	Dr. Ashok Kumar	Department of Hindi	Kashf	2018 - 2019	2231-3869
Tumse Kuch Kehna hai- kavya sangreh	Dr. Ashok Kumar	Department of Hindi	kavya sangreh	2018 - 2019	978-93-86248-34-3
Use of Electronic Resources by the Research Scholars of Panjab University, Chandigarh: a case study.	Neeraj Kumar Singh, Harpreet Monu, Navjyoti	A C Joshi Library	Kelpro Bulletin Vol.22 No.1, June 2018, p.24-36	2018 - 2019	0975- 4911
jansanskriti ke pakshdhar kavi	Dr. Ashok Kumar	Department of Hindi	Kiran Varta	2018 - 2019	
Jansanskriti Ke Pakshdhar Kavi Hain Shriprakash Shukla	Dr. Ashok Kumar	Department of Hindi	Kiran Varta	2018 - 2019	
Judicial review and its Implication: An Analysis	Dr. Babita Devi	Department of Laws	Kurukshetra Law Journal Volume-IX	2018 - 2019	2231-5519
International Perspective and Domestic Obligations of States with respect to Right to Food with Special Reference to India	Dr. Babita Devi	Department of Laws	Kurukshetra Law Journal, Volume-VIII	2018 - 2019	2231-5519
'Getting to zero' HIV/AIDS requires effective addressing of HIV issues in LGBT community. La Clinica Terapeutica, 169(6), pp.e269-e271.	Krishan K, Dehal N, Singh A, Kanchan T. and Rishi, P. (2018)	Department of Microbiology	La Clinica Terapeutica	2018 - 2019	1972-6007
Getting to zero' HIV/AIDS requires effective addressing of HIV needs of LGBT community	Krishan, K. Dehal, N. Singh, A. Kanchan ,T&A&A&A Rishi, P.	Department of Anthropology	La ClinicaTerapeutica, 169 (6): e269 - e271, DOI: 10.7417/CT.(2090.	2018 - 2019	19726007, 00099074
Insights into the recent Kotropi landslide of August 2017, India: a geological investigation and slope stability analysis	Pradhan, S.P., Panda, S.D., Roul, A.R., Thakur, M.	Department of Geology	Landslides	2018 - 2019	1612-510X
LANGLIT AN INTERNATIONAL PEER- REVIEWED OPEN ACCESS JOURNAL	DR. MEENU GUPTA	Department of English & Cultural Studies	LANGLIT AN INTERNATIONAL PEER- REVIEWED OPEN ACCESS JOURNAL	2018 - 2019	2349-5189
Insights into the Interactions of Sulfamethoxazole with Organized Assemblies of Ionic and Nonionic Surfactants	Shweta Sharma	Institute of Forensic Science & Criminology	Langmuir	2018 - 2019	0743-7463

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A loop mediated isothermal amplification (LAMP) assay for the diagnosis of pulmonary tuberculosis	Sharma, G., Tewari, R., Dhatwalia, S.K., ...Behera, D., Sethi, S.	Department of Microbial Biotechnology	Letters in Applied Microbiology	2018 - 2019	0266-8254
Role of library in research support: A study of Barathiar University	Dr. Rupak Chakravarty and Fathima Azra Fazal	Department of Library & Information Science	Library Philosophy and Practice	2018 - 2019	1522-0222
Use of E- Journals by Library and Information Science Researchers of India: An Empirical Analysis	Dr. Khushpreet Singh Brar, Bhupinder Singh and Amandeep Kaur	Department of Library & Information Science	Library Philosophy and Practice	2018 - 2019	1522-0222
Citation Analysis of Ph.D. Theses Submitted to Panjab University, Chandigarh (India) during 2002-2012 Library Philosophy and Practice	Prof. Preeti Mahajan	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2018 - 2019	1522-0222
Significance of electronic resource management in information architecture of modern libraries	Leena Khullar	A C Joshi Library	Library Progress (International)	2018 - 2019	0970-1052 (Print). 2320 317X (Online)
Understanding violence and Assertion in Meena Kandasamy's when I Hit You:or A portrait of the writer As a Young Wife	Amandeep	Department of Evening Studies	Literary Endeavour	2018 - 2019	ISSN-0976-299X
Environmental Concerns and Sustainable Development in India	Dr. Rajneesh	P.U. Rural Centre, Kauni, Muktsar	Lokayata Journal of Positive Philosophy	2018 - 2019	2249-8389
Religion of Margins, Identity Formation and Cleavages: A Case Study of Dera Sacha Sauda in Punjab, India,	Surinder Singh	P.U. Rural Centre, Kauni, Muktsar	Lokayata: Journal of Positive Philosophy,	2018 - 2019	2249-8389
Madhav kaushik samvedna se shilp tak	Dr. Ashok Kumar	Department of Hindi	Madhav kaushik samvedna se shilp tak	2018 - 2019	978-81-938976-9-0
Reflections on Deen Dayal Upadhyaya's Vision of Chiti and Dharma Centric Indian Culture	Sudhir Kumar	Department of Evening Studies	Madhya Bharati	2018 - 2019	0974-0066
Dam Induced Displacement and Resettlement of Oustees: A Rhetoric (A Case of Ranjit Sagar Dam, Punjab)	Ravinder Kaur	Department of Geography	Man and Development	2018 - 2019	ISSN-0258-0438
Dams, Displacement and Agonies of People: A Study of Chamera Dam Project in Himachal Pradesh	Dr. Rajneesh	P.U. Rural Centre, Kauni, Muktsar	Man and Development	2018 - 2019	0258-0438
State, Market and Economic Status related Marginalization in Access to Higher Education in Punjab: Insights from Recent NSS Data	Dr Angrej Singh Gill	P.U. Rural Centre, Kauni, Muktsar	Man and Development	2018 - 2019	yes

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The Proton- Ω correlation function in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV Phys. Lett. B 790, 490 (2019).	Kumar, L. (STAR Collaboration)	Department of Physics	March 2019Physics Letters B 790	2018 - 2019	2179849
Rapid Solar-Light Driven Superior Photocatalytic Degradation of Methylene Blue Using MoS ₂ -ZnO Heterostructure Nanorods Photocatalyst	Ritika , Manjot Kaur , Ahmad Umar , Surinder Kumar Mehta, Surinder Singh, Sushil Kumar Kansal, H. F	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials	2018 - 2019	1996-1944
Rapid Solar-Light Driven Superior Photocatalytic Degradation of Methylene Blue Using MoS ₂ -ZnO Heterostructure Nanorods Photocatalyst	Ritika, Kaur, M., Umar, A., Mehta, S.K., Singh, S., Kansal, S.K., Fouad, H., Alothman, O.Y. Rapid	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials (Basel)	2018 - 2019	PMCID: PMC6266911
Development of magnetically retrievable spinel nanoferrites as efficient catalysts for aminolysis of epoxides with amine	Ankush Sheoran, Jyoti Agarwal and Sonal Singhal	Department of Chemistry	Materials Chemistry and Physics,	2018 - 2019	0254-0584
BiF ₃ octahedrons: A potential natural solar light active photocatalyst for the degradation of Rhodamine B dye in aqueous phase	Ritika, M. Kaur, A. Umar, S.K. Mehta, S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Research Bulletin	2018 - 2019	0025-5408
Conjugation of antioxidant molecule to PEGylated NPs for pH dependent drug release	Bharti, S., Kaur, G., Gupta, S.& Tripathi, S.K.	Department of Physics	Materials Research Bulletin	2018 - 2019	0025-5408
Metal organic framework (MOF) porous octahedral nanocrystals of Cu-BTC: Synthesis, properties and enhanced adsorption properties	R Kaur, A Kaur, A Umar, WA Anderson, SK Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Research Bulletin	2018 - 2019	0025-5408
Characterization of nickel cobalt oxide: a potential material for supercapacitorMaterial Research Express 6: 025502(2019).	Poonam, Sharma, K. & Tripathi, S.K.	Department of Physics	Materials Research Express	2018 - 2019	2053-1591
Correlation of synthesis parameters to the phase segregation and lattice strain in tungsten oxide nanoparticles	Naresh Kumar, Gaganpreet Kaur Sidhu, Rajesh Kumar	Department of Physics	Materials Research Express	2018 - 2019	2053-1591
Fabrication of ZnO nanostructures with tunable luminescence, electrical properties: effect of annealing & reaction temperature, ligand & seed layer	Singh,Rajender, Karan Verma, Ramesh K.Sharma	University Centre of Instrumentation and Micro-Electronics	Materials Research Express	2018 - 2019	
Green synthesis of anisotropic gold nanoparticles using cinnamon with superior antibacterial activity	Divya Goyal, Avneet Saini, GSS Saini, Rajesh Kumar	Department of Physics	Materials Research Express	2018 - 2019	2053-1591
Synergistic effect of graphene and carbon nanotubes on mechanical and thermal performance of polystyrene	Prof. Amrinder Pal Singh	University Institute of Engineering & Technology	Materials Research Express	2018 - 2019	20531591

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Systematic enumeration and proficient chemical sensing applications of Eu ³⁺ @CeO ₂ nanocrystals.	Savita Chaudhary, Sushil Kumar and S.K. Mehta.	Department of Chemistry	Materials Science & Engineering C	2018 - 2019	0928-4931
Amphiphilic carbon dots derived by cationic surfactant for selective and sensitive detection of metal ions	Navneet Kaur, Akansha Mehta, A. Mishra, Savita Chaudhary, M. Rawat and S. Basu.	Department of Chemistry	Materials Science & Engineering C 95 (2019) 72–77	2018 - 2019	0928-4931
Clathrin-mediated endocytic uptake of PUFA enriched self-nanoemulsifying lipidic systems (SNELS) of an anticancer drug against triple negative cancer and DMBA induced preclinical tumor model	Khurana, R. K., Kumar, R., Gasper, B. L., Welsby, G., Welsby, P., Kesharwani, P., Katare, O. P., Singh, K. K. & Singh, B.	University Institute of Pharmaceutical Sciences	Materials Science and Engineering	2018 - 2019	0928-4931
Pegylated CdSe/ZnS core/shell nanoparticles for controlled drug release	Bharti, S., Kaur, G., Gupta, S. & Tripathi, S.K.	Department of Physics	Materials Science and Engineering: B	2018 - 2019	0921-5107
Effect of size and silica coating on structural, magnetic as well as cytotoxicity properties of copper ferrite nanoparticles	Khanna, L., Gupta, G. & Tripathi, S.K.	Department of Physics	Materials Science and Engineering: C	2018 - 2019	0928-4931
Enhanced catalytic properties of rare-earth substituted cobalt ferrites fabricated by sol-gel auto-combustion route	Manisha Dhiman and Sonal Singhal	Department of Chemistry	Materials Today Proceedings	2018 - 2019	2214-7853
Graphene modified Cu ₂ O nanostructures for the reductive transformation of nitrophenols	Surbhi Kapoor, Neetu Goel and Sonal Singhal	Department of Chemistry	Materials Today: Proceedings	2018 - 2019	2214-7853
Stabilization of Magnetic Ferrite Nanostructures with Cellulose Derived From Biomass for the Abatement of Environmental Pollution	Kanu Gupta, Anupama Kaushik and Sonal Singhal	Department of Chemistry	Materialstoday: Proceedings	2018 - 2019	2468-5194
Transition metal doped cobalt ferrite nanoparticles: Efficient photocatalyst for photodegradation of textile dye	Sneha Singh and Sonal Singhal	Department of Chemistry	Materialstoday: Proceedings	2018 - 2019	1369-7021
Comparative evaluation of photocatalytic performance of hexagonal ferrites procured via sol-gel route	Param Kaur, Anupama Kaushik and Sonal Singhal	Department of Chemistry	Materialstoday: Proceedings 14 (2019) 426-434	2018 - 2019	2214-7853
A novel strategy for effectively implementing a typical AVC scheme using finite element model updating	Dr Sukesha sharma, Poonam Sood	University Institute of Engineering & Technology	Mechanics Based Design of Structures and Machines	2018 - 2019	1539-7734
Relation of Job Incomes and Leadership Perception: A Study of Indian Fashion & Lifestyle Journalists	Dr Prabhdip Brar	University Institute of Fashion Technology & Vocational Development	Media Mimamsa	2018 - 2019	ISSN 2229-5593

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Design, synthesis and pharmacological evaluation of carboxamide and carbothioamide derivatives of 1, 3, 4-thiadiazole as the inhibitors of acetylcholinesterase and oxipiperazine)ative stress for the management of cognitive debility.	Kulshreshtha, A. & Piplani, P.	University Institute of Pharmaceutical Sciences	Medicinal Chemistry Research	2018 - 2019	10542523, 15548120
The Development and status of Forensic Anthropology in India- A review of the literature and future directions,	Neha Baryan, Dr. Kewal Krishan, T. Kanchan	Department of Anthropology	Medicine Science and the Law-The journal of British Academy of Forensic Science	2018 - 2019	20421818, 00258024
Facial Recognition Algorithms- A review of literature	S.K.Sharma, Paramjit Kaur, Kewal Krishan et.al	Department of Statistics	Medicine, Science and the Law	2018 - 2019	20421818, 00258024
High fat-low protein diet induces metabolic alterations and cognitive dysfunction in female rats.	Dharavath RN, Arora S, Bishnoi M, Kanthi Kiran Kondepudi, Kanwaljit Chopra	University Institute of Pharmaceutical Sciences	Metab Brain Dis	2018 - 2019	1573-7365
Bacopa monnieri prevents colchicine-induced dementia by anti-inflammatory action.	Prof. Rajat Sandhir	Department of Biochemistry	Metabolic brain disease	2018 - 2019	0885-7490 (print) 1573-7365 (web)
Indian Ginseng (Withania somnifera) supplementation ameliorates oxidative stress and mitochondrial dysfunctions in experimental model of stroke.	Prof. Rajat Sandhir	Department of Biochemistry	Metabolic brain disease	2018 - 2019	0885-7490 (print) 1573-7365 (web)
Methylenetetrahydrofolate reductase C677T variant and hyperhomocysteinemia in subarachnoid hemorrhage patients from India.	Prof. Rajat Sandhir	Department of Biochemistry	Metabolic brain Disease	2018 - 2019	0885-7490 (print) 1573-7365 (web)
Investigations of powder flow patterns in hopper model through discrete element method,	Dr. Shankar Sehgal	University Institute of Engineering & Technology	Metal Powder Report	2018 - 2019	18734065, 00260657
Impact of Automobile Regulations on Shareholders' Wealth: Indian Empirical Evidence	Manoj Anand and Jagandeep Singh	University Institute of Applied Management Sciences	Metamorphosis: A Journal of Management Research	2018 - 2019	0972-6225
18S and 28S rDNA identity and phylogeny of two novel myxosporeans infecting gills of cyprinid carps inhabiting a cold water wetland in northern India.	A. Gupta and H. Kaur	Department of Zoology	Microbial Pathogenesis	2018 - 2019	ISSN: 0882-4010,
Colonization of mouse vagina with P. aeruginosa: a plausible explanation for infertility.	Harpreet Vander and Vijay Prabha	Department of Microbiology	Microbial Pathogenesis	2018 - 2019	0882-4010
Peptides as adjuvants for ampicillin and oxacillin against methicillin-resistant Staphylococcus aureus (MRSA).	P Rishi, S Vij, IK Maurya, UJ Kaur, S Bharati, R. Tewari	Department of Microbial Biotechnology	Microbial Pathogenesis	2018 - 2019	0882-4010

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Peptides as adjuvants for ampicillin and oxacillin against methicillin-resistant Staphylococcus aureus (MRSA). Microbial pathogenesis, 124, pp.11-20.	Praveen Rishi, Shania Vij, Indresh Kumar Maurya, Ujjwal Jit Kaur, Sanjay Bharati, Rupinder Tewari	Department of Microbiology	Microbial Pathogenesis	2018 - 2019	10961208
Receptor from Streptococcus pyogenes as a potential antidote against sperm immobilization factor-induced sperm impairment and infertility	Deepali Thaper, Deepak Kumar Rahi and Vijay Prabha	Department of Microbiology	Microbial Pathogenesis	2018 - 2019	0882-4010
Receptor from Streptococcus pyogenes as a potential antidote against sperm immobilization factor-induced sperm impairment and infertility	Deepali Thaper, Deepak Kumar Rahi, Vijay Prabha	Department of Microbiology	Microbial Pathogenesis	2018 - 2019	0882-4010
Receptor from Streptococcus pyogenes as a potential antidote against sperm immobilization factor-induced sperm impairment and infertility, Microbial Pathogenesis,128: 55-62.	Thaper D, Rahi DK, Prabha V	Department of Microbiology	Microbial Pathogenesis	2018 - 2019	0882-4010
Communication mechanisms in extremophiles: Exploring their existence and industrial applications.	Kaur A, Capalash N and Sharma P	Department of Biotechnology	Microbiological Research	2018 - 2019	0944-5013
Multicopper oxidases: biocatalysts in microbial pathogenesis and stress management.	Kaur K, Sharma A, Capalash N and Sharma P	Department of Biotechnology	Microbiological Research	2018 - 2019	0944-5013
An electrochemical aptasensor based on graphene doped chitosan nanocomposites for determination of Ochratoxin A	Dr. Nirmal Prabhakar	Department of Biochemistry	Microchemical Journal	2018 - 2019	0026265X
Colorimetric detection of mercury ions based on anti-aggregation of gold nanoparticles using 3, 5-dimethyl-1-thiocarboxamidepyrazole	Ramesh Kataria, Kunjithapatham Sethuraman, Devika Vashisht, Aseem Vashisht, SK Mehta, A. Gupta	Department of Chemistry	Microchemical Journal	2018 - 2019	0026-265X
Multi walled carbon nanotubes embedded conducting polymer based electrochemical aptasensor for estimation of malathion.	Dr. Nirmal Prabhakar	Department of Biochemistry	Microchemical Journal	2018 - 2019	0026265X
A voltammetric hybridization assay for microRNA-21 using carboxylated graphene oxide decorated with gold-platinum bimetallic nanoparticles	Dr. Nirmal Prabhakar	Department of Biochemistry	Microchimica Acta	2018 - 2019	0026-3672 (print) 1436-5073 (web)
A voltammetric hybridization assay for microRNA-21 using carboxylated graphene oxide decorated with gold-platinum bimetallic nanoparticles.	Prof. Navneet Agnihori	Department of Biochemistry	Microchimica Acta	2018 - 2019	0026-3672
Active vibration control of a beam instrumented with MWCNT/epoxy nanocomposite sensor and PZT-5H actuator	Sapra. G	University Institute of Engineering & Technology	Microsystem Technologies	2018 - 2019	1683–1694

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Optimal placement of an actuator in a two degrees of freedom system to generate desired vibrations	Prof. Manu Sharma	University Institute of Engineering & Technology	Microsystem Technologies	2018 - 2019	9467076
Essential and Trace Elements Analysis of Elaeocarpus ganitrus Fruit by Wavelength Dispersive X-ray Fluorescence Spectrometer and its Impact on Health.	Sunil Jawla, Ramesh Sharma and D.V.Rai	University Centre of Instrumentation and Micro-Electronics	Middle-East Journal of Scientific Research	2018 - 2019	
Bilateral Trade Among Brazil, Russia, India, China and South Africa Economies: An Empirical Analysis	Sawhney, Upinder	Department of Economics	Millennial Asia	2018 - 2019	ISSN:0976-3996E- ISSN:2321-7081
An Analysis of Fiscal Policy in an Emerging Economy: Innovative and Sustainable Fiscal Rules in India.	Sawhney, Upinder	Department of Economics	Millennial Asia, 9(3): 295-317	2018 - 2019	ISSN: 0976-3996 Online ISSN: 2321-7081
Hierarchies of Access in Schooling: An Exploration of Parental School Choice	Kamlesh Narwana	P.U. Rural Centre, Kauni, Muktsar	Millennial Asia, AN international Journal of Asian Studies	2018 - 2019	
Conflict, Peace and Security: An International Relations Perspective with special reference to India’	SUJIT LAHIRY	P.U. Regional Centre, Muktsar	Millennial Asia: An International Journal of Asian Studies – Sage Publications	2018 - 2019	0976-3996
Mineralogy of the Vattikod lamproite dykes, Ramadugu Lamproite Field, Nalgonda District, Telangana: A possible expression of ancient subduction-related alkaline magmatism along Eastern Ghats Mobile Belt, India, Mineralogical Magazine, DOI: https://doi.org/10.1180/minmag.2017.081.045 .	Gurmeet Kaur, Mitchell R H and Ahmad S	Department of Geology	Mineralogical Magazine,	2018 - 2019	0026-461x
Exploring the chemistry and therapeutic potential of triazoles: A comprehensive literature review.	Jain, A. & Piplani, P.	University Institute of Pharmaceutical Sciences	Mini reviews in medicinal chemistry	2018 - 2019	18755607, 13895575
Multiplicity spectra in e+e– and p–p collisions in terms of Tsallis and Weibull distributions, Int. J. Mod.Phys. E27, 1850101 (2019)	S. Sharma, M. Kaur	Department of Physics	Mod. Phys. E.	2018 - 2019	17936608
Constraints on jet quenching in p-Pb collisions at $\sqrt{s_{NN}}$ = 5.02 TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions, Sep. Phys. Lett. B 783, 95 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	Modern Physics Letters B	2018 - 2019	2179849

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Correlation Measurements Between Flow Harmonics in Au+Au Collisions at RHIC _{SEP} Phys. Lett. B 783, 459 (2018).	Kumar, L. (STAR Collaboration)	Department of Physics	Modern Physics Letters B	2018 - 2019	2179849
J/ψ production cross section and its dependence on charged-particle multiplicity in p + p collisions at $\sqrt{s}$ = 200 GeV _{SEP} Phys. Lett. B 786, 87 (2018).	Kumar, L. (STAR Collaboration)	Department of Physics	Modern Physics Letters B	2018 - 2019	2179849
AC+ production in Pb–Pb collisions at $\sqrt{s_{NN}}$ = 5.02 TeV Phys. Lett. B 793, 212 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	Modern Physics Letters B	2018 - 2019	2179849
Freeze-dried bamboo shoot powder for food fortification: enrichment of nutritional content and organoleptic qualities of fortified biscuits	Santosh O., Bajwa H.K., Bisht M.S. and Nirmala C.	Department of Botany	MOJ Food Processing & Technology	2018 - 2019	2381-182X
Myxococcus Xanthus truncated globin HbO: In silico analysis functional characterization	Dr. Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	Mol Bio Reports	2018 - 2019	0301-4851
Acetyly -11--keto-β-Boswellic acid modulates membrane dynamics in Benzo(a)pyrene induced lung carcinogenesis	Bhardwaj P., Manoj K., Dhatwalia .S.K., Garg ML, and Dhawan. D. K	Department of Biophysics	Molecular and cellular biochemistry	2018 - 2019	0300-8177 (Print) 1573-4919 (Electronic) 0300-8177 (Linking)
Ellagic acid ameliorates cisplatin toxicity in chemically induced colon carcinogenesis	Goyal Y, Koul A, Ranawat P	Department of Biophysics	Molecular and Cellular Biochemistry	2018 - 2019	ISSN 03008177
Functional relevance of promoter CpG island of human angiotensin II type 1 receptor (AT1R) gene.	Dr. Shashi Chaudhary	Department Cum National Centre for Human Genome Studies & Research	MOLECULAR AND CELLULAR BIOCHEMISTRY	2018 - 2019	0300_8177
Modulatory effect of 4-Phenyl butyric acid on hyperoxaluria induced renal injury and inflammation	Prof. S.K. Singla	Department of Biochemistry	Molecular and Cellular Biochemistry	2018 - 2019	ISSN: 0300-8177 (print); 1573-4919 (web)
PARP-1 inhibition provides protection against elastase induced emphysema by mitigating the expression of matrix metalloproteinases	Prof. Amarjit Singh Naura	Department of Biochemistry	Molecular and Cellular Biochemistry	2018 - 2019	1573-4919
Rv0646c, an esterase from M. tuberculosis, up-regulates the host immune response in THP-1 macrophages cells.	Prof. Archana Bhatnagar	Department of Biochemistry	Molecular and cellular biochemistry	2018 - 2019	ISSN: 0300-8177 (Print) 1573-4919 (Electronic) 0300-8177 (Linking)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Computational Rotational-Vibrational Spectroscopic Analysis of Isomeric Species in the Interstellar Gas-phase Stereoinversion of Amino Acid Threonine,Molecular Astrophysics, 15, 8-16, 2019.	Namrata Rani and Vikas	Department of Chemistry	Molecular Astrophysics	2018 - 2019	2405-6758
Epigallocatechin gallate attenuates arsenic induced genotoxicity via regulation of oxidative stress in balb/C mice	Surbhi Kaushal, Aitizaz Ul Ahsan, Vijay Lakshmi Sharma, Mani Chopra	Department of Zoology	Molecular Biology Reports	2018 - 2019	ISSN / eISSN: 0301-4851 / 1573-4978
Genomic analysis of Indian strains of Salmonella enterica subsp. enterica serovar Typhi indicates novel genetic repertoire for pathogenicity and adaptations. Molecular biology reports, pp.1-23.	Prabhjot Kaur Sekhon, Atul Munish Chander, Shanmugam Mayilraj, Praveen Rishi	Department of Microbiology	Molecular Biology Reports	2018 - 2019	3014851
Myxococcus xanthus truncated globin HbO: in silico analysis and functional characterization, Mol Biol Rep (2019) 46: 2101. https://doi.org/10.1007/s11033-019-04662-5	Dr. Ashok Kumar	Centre for System Biology & Bioinformatics	Molecular biology reports	2018 - 2019	https://doi.org/10.1007/s11033-019-04662-5
Semi-in vitro Reconstitution of Roseocin, a Two-Component Lantibiotic from an Actinomycete bioRxiv	Dr. Dipti Sareen	Department of Biochemistry	Molecular Microbiology	2018 - 2019	0950-382X (print); 1365-2958 (web)
Neurotrophic Factors Mediated Activation of Astrocytes Ameliorate Memory Loss by Amyloid Clearance after Transplantation of Lineage Negative Stem Cells	Bali P, Banik A, Nehru B, Anand A	Department of Biophysics	Molecular Neurobiology	2018 - 2019	ISSN:0893-7648E-ISSN:1559-1182
Analysis of newly synthesized disulfides of aryldithiocarbonates and vanadium(V) and niobium(V) complexes of aryldithiocarbonates based on spectroscopic, thermogravimetric, SEM and DFT studies,Molecular Physics, DOI: 10.1080/00268976.2019.1580395	S. Andotra, A. Syed, S. Kumar, M. Kour, Vikas, Chayawan and S. K. Pandey	Department of Chemistry	Molecular Physics	2018 - 2019	0026-8976
The State and Accumulation under Contemporary Capitalism, Monthly Review (mronline)	Singh, Paramjit and Balwant singh Tiwana	Department of Economics	Monthly Review (mronline), New York U.S.A. /2019/02/20/the-state-and-accumulation-under-contemporary- capitalism	2018 - 2019	
Need of Family Courts in Chandigarh	Manisha Garg	Department of Laws	Multi-disciplinary International Journal	2018 - 2019	2394-0344

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Changing Cropping Pattern in Himachal Pradesh	Navneet Kaur	Department of Geography	Multi-disciplinary International Journal, Remarking an Analisation	2018 - 2019	
Multi-response optimization in environment friendly turning of AISI 304 austenitic stainless steel	Dr. Manu Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	Multidiscipline Modeling in Materials and Structures	2018 - 2019	1573-6105
Video content authentication techniques: a comprehensive survey	Raahat Devender Singh, and Naveen Aggarwal	University Institute of Engineering & Technology	Multimedia Systems	2018 - 2019	14321882, 09424962
A comprehensive review of denoising techniques for abnormal CT images	Ravinder Kaur, Mamta Juneja, A.K Mandal	University Institute of Engineering & Technology	Multimedia tools and Applications	2018 - 2019	1380-7501
A robust Impercipitble stagnography	Mukesh Dalal, Mamta Juneja	University Institute of Engineering & Technology	Multimedia Tools and Applications	2018 - 2019	13807501, 15737721.
A survey of denoising techniques for multi-parametric prostate MRI.	Gaurav Garg, and Mamta Juneja	University Institute of Engineering & Technology	Multimedia Tools and Applications	2018 - 2019	12689–12722
An efficient image integration algorithm for night mode vision applications	Dogra. Ayush	University Institute of Engineering & Technology	Multimedia Tools and Applications	2018 - 2019	1573-7721
An efficient image integration algorithm for night mode vision applications.	Dogra, Ayush, Seifedine Kadry, Bhawna Goyal, and Sunil Agrawal	University Institute of Engineering & Technology	Multimedia Tools and Applications	2018 - 2019	1380-7501
Automated Detection of Glaucoma using deep learning convolution network (G-Net)	Mamta Juneja, Shaswat Singh, Naman Agarwal, Shivank Bali, Shubham Gupta, Niharika Thakur, and Prasha	University Institute of Engineering & Technology	Multimedia Tools and Applications	2018 - 2019	1380-7501
3D convolutional Neural Network for object recognition: a review	Dr. Ajay Mittal	University Institute of Engineering & Technology	Multimedia Tools and Applications (2019)	2018 - 2019	15951–15995
DNA methylation signatures: Biomarkers of drug and alcohol abuse.	Mahna, D., Puri, S., and Sharma,S.	University Institute of Engineering & Technology	Mutation research	2018 - 2019	1383-5718
Salicylic acid improves arbuscular mycorrhizal symbiosis, and chickpea growth and yield by modulating carbohydrate metabolism under salt stress.	Neera Garg	Department of Botany	Mycorrhiza	2018 - 2019	1432-1890
Biofilm formation by Candida auris isolated from colonizing sites and candidemia cases	Rachna Singh* (*Corresponding author), M Kaur, A Chakrabarti, SAShankarnarayan, SM Rudramurthy	Department of Microbial Biotechnology	Mycoses	2018 - 2019	1439-0507

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Cationic-bilayered nanoemulsion of fusidic acid: an investigation on eradication of methicillin-resistant Staphylococcus aureus 33591 infection in burn wound. T	hakur K., Sharma G., Singh B., Jain A., Tyagi A., Chhibber S., Katare OP.	Department of Microbiology	Nanomedicine	2018 - 2019	1743-5889
Cationic-bilayered nanoemulsion of fusidic acid: an investigation on eradication of methicillin-resistant Staphylococcus aureus 33591 infection in burn wound.	Thakur, K., Sharma, G., Singh, B., Jain, A., Tyagi, R., Chibber, S. & Katare, O. P.	University Institute of Pharmaceutical Sciences	Nanomedicine	2018 - 2019	17486963, 17435889
Green biomimetic preparation of efficient Ag–ZnO heterojunctions with excellent photocatalytic performance under solar light irradiation: a novel biogenic-deposition-precipitation approach	Shweta Sharma	Institute of Forensic Science & Criminology	Nanoscale Advances	2018 - 2019	ISSN 2516-0230
In silico method for identification of novel copper and iron metabolism proteins in various neurodegenerative disorders	Dr. Ashok Kumar	Centre for System Biology & Bioinformatics	national library of medicine	2018 - 2019	DOI: 10.1016/j.neuro.2019.02.020
Isolation of a new flavonoid and waste to wealth recovery of 6-O-Ascorbyl Esters from Seeds of Aegle marmelos?(family- Rutaceae),	Jatav, S., Pandey, N., Dwivedi, P., Bansal, R., Ahluwalia, V., Tiwari, V. K. & Mishra, B. B.	University Institute of Pharmaceutical Sciences	Natural Product Research, https://doi.org/10.1080/14786419.2018.1499630 (2018)	2018 - 2019	1478-6427
Study of causes of School Dropout among the urban poor children in Chandigarh city	Prof. Satvinderpal Kaur	Department of Education	NCERT, Bhartiya Adhunik Shiksha	2018 - 2019	0972 5636
Expression Profile of Markers of Oxidative Stress, Injury and Apoptosis in anti-tuberculosis drugs induced nephrotoxicity	Sharma, R., Battu, P., Singla, M., Goyal, N. and Sharma, V.L.	Department of Zoology	Nephrology	2018 - 2019	ISSN / eISSN: 1320-5358 / 1440-1797
IMPACT OF HYPEROXALURIA ON TAMM HORSFALL PROTEIN EXPRESSION AND STRUCTURAL ABERRATIONS IN RATS	Bhardwaj R., Bhardwaj A., Tandon C., Dhawan. D. K. and Kaur T.	Department of Biophysics	Nephrology Dialysis Transplantation	2018 - 2019	ISSN 0931-0509 EISSN 1460-2385
Enhanced vascular and osseous information fusion: disagreement of quantitative and qualitative analysis	Dogra, Ayush, Bhawna Goyal, Sunil Agrawal, Urcun John Tanik, Sanjeev Kumar, and Ramesh Sunder Nayak	University Institute of Engineering & Technology	Neural Computing and Applications	2018 - 2019	0941-0643

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Hydrogen sulfide attenuates homocysteine-induced neurotoxicity by preventing mitochondrial dysfunctions and oxidative damage: In vitro and in vivo studies.	Prof. Rajat Sandhir	Department of Biochemistry	Neurochemistry international	2018 - 2019	ISSN: 0197-0186 (Print) 1872-9754 (Electronic) 0197-0186 (Linking)
Protective effect of S-nitrosoglutathione administration against hyperglycemia induced disruption of blood brain barrier is mediated by modulation of tight junction proteins and cell adhesion molecules	Prof. Rajat Sandhir	Department of Biochemistry	Neurochemistry International	2018 - 2019	ISSN: 0197-0186 (Print) 1872-9754 (Electronic) 0197-0186 (Linking)
Neuroprotective Effect of Hydrogen Sulfide in Hyperhomocysteinemia Is Mediated Through Antioxidant Action Involving Nrf2.	Prof. Rajat Sandhir	Department of Biochemistry	Neuromolecular medicine	2018 - 2019	1535-1084 (print) 1559-1174 (web)
Carbenoxolone Reverses the Amyloid Beta 1–42 Oligomer–Induced Oxidative Damage and Anxiety-Related Behavior in Rats	Sharma, S.Email Author, Sharma, N.Email Author, Saini, A.Email Author, Nehru, B	Department of Biophysics	Neurotoxicity Research	2018 - 2019	ISSN 10298428
2,5-Furandicarboxylic acid as a linker for lanthanide coordination polymers: the role of heteroaromatic π – π stacking and hydrogen bonding	Manesh Kumar,Haq Nawaz Sheikh,Antonio Fraconetti,Jan K. Zare,Subash Chandra Sahoo, Antonio Frontera	Department of Chemistry	New J. Chem. 2019, 43, 2179-2195	2018 - 2019	1144-0546
The Role of Weakly Coordinating Thioether Group in the Ligation Controlled Molecular Self-Assemblies and Their Inter-Conversions in Ni(II) Complexes of L-methionine Derived Ligand	Kumar R., Mutreja V., Sharma G., Kumar S., Ali A., Mehta S. K.,Venugopalan P.,Kataria R.,Sahoo S. C.	Department of Chemistry	New J. Chem. 2019,43, 11222-11232	2018 - 2019	1144-0546
Cascade recognition of Hg ²⁺ and cysteine using a naphthalene based ESIPT sensor and its application in a set/reset memorized device	Navneet Kaur, Gitanjali Jindal, Sukhvinder and Subodh Kumar	Department of Chemistry	New Journal of Chemistry	2018 - 2019	1144-0546
Disaggregation-induced ESIPT: A novel approach towards development of sensors for hyperglycemic condition	Sindhu, J., Mayank, Bhasin, A.K.K., Kaur, N., Singh, N., Bhasin, K.K.	Department of Chemistry	New Journal of Chemistry	2018 - 2019	1144-0546
Emergence of bismuth substituted cobalt ferrite nanostructures as versatile candidates for the enhanced oxidative degradation of hazardous organic dyes.	Surabhi Kapoor, Ankita Goyal, Sandeep Bansal and Sonal Singhal	Department of Chemistry	New Journal of Chemistry	2018 - 2019	1144-0546

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Exploration of fluorescent organotin compounds of α -amino acid Schiff bases for the detection of organophosphorous chemical warfare agents: Quantification of diethylchlorophosphate	5. Singh, N., Kumar, K., Srivastav, N., Singh, R., Kaur, V., Jasinski, J.P., Butcher, R.J.	Department of Chemistry	New Journal of Chemistry	2018 - 2019	1144-0546
Fluorescent biogenic Schiff base compounds of dimethyltin	Singh, N., Srivastav, N., Singh, R., Kaur, V., Brendler, E., Wagler, J., Kroke, E	Department of Chemistry	New Journal of Chemistry	2018 - 2019	1144-0546
Magnetic, luminescence, topological and Q2 theoretical studies of structurally diverse supramolecular lanthanide coordination polymers with flexible glutaric acid as a linker	Kumar M, Qiu C. Q., Zare J. K., Frontera A., Jassal A. K., Sahoo S. C., Liu S. J., Sheikh H. N.	Department of Chemistry	New Journal of Chemistry	2018 - 2019	1144-0546
Time- dependent DFT and experimental study on visible light photocatalysis by metal oxides of Ti, V and Zn after complexing with conjugated polymer	Shuchi Gupta	University Institute of Engineering & Technology	New Journal of Chemistry	2018 - 2019	11440546, 13699261
Time-dependent DFT and experimental study on visible light photocatalysis by metal oxides of Ti, V and Zn after complexing with conjugated polymer.	N. Kaur, K. Dawra, S. Gupta, S. Singhal and N. Goel	Department of Chemistry	New Journal of Chemistry	2018 - 2019	1144-0546
The role of a weakly coordinating thioether group in ligation controlled molecular self-assemblies and their inter-conversions in Ni(ii) complexes of l-methionine derived ligand	Kumar, R., Mutreja, V., Sharma, G., Kumar, S., Ali, A., Mehta, S.K., Venugopalan, P., Kataria, R., S	Department of Chemistry	New Journal of ChemistryNew Journal of Chemistry	2018 - 2019	1144-0546 (print); 1369-9261 (web)
Standardisation of the ion beam facility at Chandigarh cyclotron for simulataneous PIXE and PESA analysis	Shivcharan Verm, P. Mohanty, Karn P. Singh and A. Kumar	Department of Physics	NIM B 417, (2018) p-60	2018 - 2019	xx
Dependence of precipitation of trace elements on pH in standard water	ShivcharanVerma, B.P. Mohanty,Ashok Kumar K.P.Singh , B.R.Behera	Department of Physics	NIM B 420, (2018) p-18	2018 - 2019	xx
The Surrogacy (Regulation) Bill, 2016...: Protective Legislation For Surrogate Victims , Volume: 4, Issue: 5. May 2019	Virender Negi	University Institute of Legal Studies	nternational Journal of Social Science and Economic Research	2018 - 2019	ISSN 2455-8834
TOURIST PERCEPTION ABOUT ECO-TOURISM DEVELOPMENTS IN GREAT HIMALAYAN NATIONAL PARK- AN UNESCO WORLD HERITAGE SITE	Jaswinder Kumar	University Institute of Hotel and Tourism Management	nternational Journal of Management, IT & Engineering	2018 - 2019	2347-4114
The ALICE Transition Radiation Detector: construction, operation, and performance	Kumar, L. (ALICE Collaboration)	Department of Physics	Nucl. Instrum. Meth. A 881, 88 (2018).	2018 - 2019	1689002
Production of 4He and 4He in Pb-Pb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV at the LHC	Kumar, L. (ALICE Collaboration)	Department of Physics	Nucl. Phys. A 971, 1 (2018)	2018 - 2019	3759474

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Uncertainty Propagation in Neutron Activation Cross-Section Measurement Using Unscented Transformation Method	Jagjit Singh	University Institute of Engineering & Technology	Nuclear Science and Engineering	2018 - 2019	ISSN: 0029-5639 (Print) 1943-748X (Online)
Probiotics (Lactobacillus acidophilus and Lactobacillus rhamnosus GG) in Conjunction with Celecoxib (selective COX-2 inhibitor) modulated DMH-induced early experimental colon carcinogenesis	Leila Kaeid Sharaf, Geeta Shukla	Department of Microbiology	Nutr Cancer	2018 - 2019	1635581
emerging trends in food packaging	Rajan Sharma, Gargi Ghoshal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Nutrition and Food Science	2018 - 2019	346659
Recent trends in food packaging.	Rajan Sharma, Gargi Ghoshal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Nutrition and Food Science	2018 - 2019	ISSN: 0034-6659
Dihydrocapsiate supplementation prevented high-fat diet-induced adiposity, hepatic steatosis, glucose intolerance, and gut morphological alterations in mice.	Baboota RK, Khare P, Mangal P, Singh DP, Bhutani KK, Kondepudi KK, Kaur J, Bishnoi M	University Institute of Engineering & Technology	Nutrition Research	2018 - 2019	0271-5317
Skilling India	Prof. Harsh Gandhar	University School of Open Learning	Online International Interdisciplinary Research Journal	2018 - 2019	ISSN 2249-9598
Impervious surfaces as indicator of hydrogeological changes in urban watershed: A review,, Vol. 4 (1), 469-472	Kaur, L., Rishi, M.S., Sharma, S. and Khosla, A	Department of Geology	Open Access Journal of Environmental and Soil Sciences	2018 - 2019	2641-6794
Olive oil inhibits DMH-induced colon tumor growth by triggering mitochondrial apoptotic pathway: An in vivo study	Nanda N., Mahmood S., Mahmood A., Bhat M.O. and Dhawan D.K	Department of Biophysics	open access text	2018 - 2019	
Perturbed Biochemical Pathways and Associated Oxidative Stress Lead to Vascular Dysfunctions in Diabetic Retinopathy.	Prof. Rajat Sandhir	Department of Biochemistry	Oxidative medicine and cellular Longevity	2018 - 2019	ISSN: 19420994, 19420900
Impact of New Product Announcements on Stock Prices (Evidence from the Indian Automobile Industry)	Jagandeep Singh	University Institute of Applied Management Sciences	Pacific Business Review International	2018 - 2019	0974-438X
Palynomorphs from the Cambrian Series 3, Parahio valley (Spiti), Northwest Himalaya. Palaeoworld.	Yin, L-M., Singh, B.P., Bhargava, O.N., Zhao, Y-L., Negi, R.S., Meng, F-W., Sharma, C.A.,	Department of Geology	Palaeoworld,	2018 - 2019	1871-174X.

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Wood Exploitation in Protohistoric Punjab	Sidhu, Paru Bal	Department of Ancient Indian History, Culture & Archaeology	Panjab Journal of Sikh Studies	2018 - 2019	NA
Artificial Intelligence: An Emerging Opportunity for Justice Delivery System	Prof. Shalini Marwaha	Department of Laws	Panjab University Law Review	2018 - 2019	0971-5541
Producer's Responsibilities of E-waste Management: Recommended Best Practices	Pushpinder Kaur	University Institute of Legal Studies	Panjab University Law Review, 2018, Vol. 57, Part-I, Department of Laws,	2018 - 2019	ISSN:0971-5541
Conceptualising Religious Minorities in India: Role of Judiciary	Pushpinder Kaur	University Institute of Legal Studies	Panjab University Law Review, 2018, Volume 57 Part-2, Department of Laws,	2018 - 2019	ISSN:0971-5541
Case Study on Right to Practice under Advocates Act, 1961	Dr. Neetu Gupta	Department of Laws	Panjab University Law Review, Vol.57 Part-1	2018 - 2019	0971-5541
An Analytical Study on India's Trade, Potential and Prospects with Bangladesh	Suman Makkar	Department of Evening Studies	Panjab University Research Journal	2018 - 2019	0970-5260
Book Review: Ramendra Nath Nandi, The Rigveda in Its Historical Setting.	Dr. Ashish Kumar	Department of History	Panjab University Research Journal (Arts)	2018 - 2019	0970-5260
Globalization, Glocalization and Socio-Cultural Change	Mehta, Rani	Department of Sociology	Panjab University Research Journal (Arts)	2018 - 2019	0970-5260
Honour Killing and the Role of Judiciary in India	Professor Anju Suri	Department of History	Panjab University Research Journal (Arts), Volume XLV, No.2	2018 - 2019	0970-5260
Study of the Jews in Maritime Trade in Kerala	Dr. Priyatosh Sharma	Department of History	Panjab University Research Journal of Social Sciences	2018 - 2019	0251-348X
'Resisting Displacement, Redefining Development: Social Movements and Law Making in Contemporary India',	Ms. Janaki Srinivasan	Department of Political Science	Panjab University Research Journal Social Sciences	2018 - 2019	
To What Extent Indian Monetary Policy in Independent from Foreign Key Players?	Arora, N. , Kaur, R. and Kaur, S.	Department of Economics	Panjab University Rseach journal(ARTS), 45(2), 35-46	2018 - 2019	ISSN: 0970-5260
Effects of strategic investment decisions on value of firm: Evidence from India	Kaur, P. (Kaur, R.)	University Business School	Paradigm	2018 - 2019	Vol. 23, Issue 1, pp. 1-19
Thelohanellus gabori sp. nov. (Myxosporea: Myxozoa) infecting gill filaments of Crossocheilus latius (Hamilton, 1822) inhabiting a cold water wetland in Punjab (India)	A. Gupta and H. Kaur	Department of Zoology	Parasitology Research	2018 - 2019	ISSN: 0932-0113 (Print) 1432- 1955 (Online),
Adhivasi kavita me adivashi samaj ka savrup	Mr. Jaspal Kaur	Department of Hindi	Parishodh	2018 - 2019	2347-6648

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archana penyuli ke veyar du aai belong me sanskritik sangharsh	Ms. Suambada Kumari	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Avdhi aur punjabi ki alankranprak shabdavli	Ms. Shakuntla	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Baighar sapne adivasi vimarsh	Mr. Balram	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Bhartiya sanskriti ke sandarbh me esh el bhairappa ke upanyas	Mr. Kewal Kumar	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Dr. Manager Pandey ka alochna karam aur kabir krishn baldev vaid	Mr. Vibhav Kumar Shukla	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Guru Govind Singh krit ramavtar ka shailivaigyanik vishleshan	Ms. Baljeet Kaur	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Himachal pardesh me srijit hindi kahaniyo me paryavaran chetna	Ms. Sunita Sharma	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Hindi ke vaishvik savrup me anudit sahitya ki bhumika	Ms. Sunita Kumari	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Hindi ke yatravretant ek antdrishti	Mr. Mulayam Yadav	Department of Hindi	Parishodh	2018 - 2019	2347-6648
hindi upanyas marang goda nilkanth hua aur vaishvikaran se upja paryavaran sankat	Mr. Parveen Malik	Department of Hindi	Parishodh	2018 - 2019	2347-6648
ishtri ashmita ka bodh karati krishna sobti ki mitro marjani	Dr. Gurmeet Singh	Department of Hindi	Parishodh	2018 - 2019	2347-6648
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Rajasthani lok geeto me chitrit ishtri jivan ke karun parshang	Dr. Ashok Kumar	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Rajendra singh bedi ke upanyas ek chadr meli se mein abhivyakt samaj aur sanskriti	Mr. Happy	Department of Hindi	Parishodh	2018 - 2019	2347-6648
sanjeev ke upanyas dhar aur savdhan niche aag hai me manvadhikar evam paryavaran chintan	Mr. Ram Singh Yadav	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Sant Ravidas ki vyaktitav	Dr. Ashok Kumar	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Sant ravidas vani me rajya ki parikalpna	Mr. Anil Kumar Pandey	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Shailivigyan ka ek sasakt upkaran shabd chayan	Ms. Ritu	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Sharadsingh ki ishtri drishti	Ms. Sapna	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Sharankumar limbale ki atamkatha me abhivyakt manav adhiar	Ms. Deepa Bhandari	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Sundardas ke kavye mein virhabhivyanjna	Ms. Sharmila	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Svarthnubhuti ki prakashtha bhisham sahani krit	Mr. Vinod Kumar	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Tiriksh prokti shailivigyan ki drishti se vishleshan	Ms. Shashi Rani	Department of Hindi	Parishodh	2018 - 2019	2347-6648

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Usha Raje Sakshena ki kahaniyo me manviye rishto ki udatta	Prof. Neerja Sood	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Yug ke anurup ram ka badalta savrup	Mr. Ankit	Department of Hindi	Parishodh	2018 - 2019	2347-6648
Efficacy of designer K11 antimicrobial peptide (a hybrid of melittin, cecropin A1 and magainin 2) against Acinetobacter baumannii-infected wounds. Pathogens and disease, 76(7), p.fty072.	Praveen Rishi, Tanvi Vashist, A Sharma, Amrita Kaur, Arashdeep Kaur, Navneet Kaur, IP Kaur, R Tewari	Department of Microbiology	Pathogens and disease	2018 - 2019	2049-632X
An Obstacle Detection Method for Visually Impaired Persons by Ground Plane Removal Using Speeded-Up Robust Features and Gray Level Co-Occurrence Matrix	Naveen Aggarwal	University Institute of Engineering & Technology	Pattern Recognition and Image Analysis	2018 - 2019	1054-6618
Influence of three different instrumentation techniques on the incidence of postoperative pain after endodontic treatment,	Vandana Chhabra	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Pequisa Brasileira em odontopediatria e clinica Integrada	2018 - 2019	ISSN : 1519-0501
Evaluating Library Service Quality of University of Kashmir: A LibQUAL+Survey. Perfomance measurement and Metrics.	Prof. Preeti Mahajan	Department of Library & Information Science	Performance Measurement and Metrics	2018 - 2019	1467-8047
Relationship Between Customer Orientation and Nursing and Support Services Dimensions of Service Quality in Multi-Specialty Hospitals	Dogra, A.K., Chadha, S.K. & Sharma, S.K.	University Institute of Applied Management Sciences	Periodic research, multi-disciplinary international journal	2018 - 2019	2231-0045
Fabrication and characterization of Low Density PolyEthylene(LDPE)/Multi Walled Carbon Nanotubes(MWCNTs) nano-composites	M. Goyal, N. Goyal, H. Kaur, A. Gera, K. Minocha, and P. Jindal	University Institute of Engineering & Technology	Perspectives in Science	2018 - 2019	2213-0209
Hydro-alcoholic Extract of Argyreia Speciosa Roots Ameliorates HCl Mediated Acute Lung Injury in Mice.	Prof. Amarjit Singh Naura	Department of Biochemistry	Pharmacognosy	2018 - 2019	Print -0973-1296, Online - 0976-4062]
Alpha lipoic acid and metformin alleviates experimentally induced insulin resistance and cognitive deficit by modulation of TLR2 signalling	Ahuja, S., Uniyal, A., Akhtar, A.; Sah, S. P.	University Institute of Pharmaceutical Sciences	Pharmacological Reports	2018 - 2019	2299-5684
Mapping Txnip: Key connexions in progression of diabetic nephropathy Pharmacological Report.	Kumar, A. & Mittal R.	University Institute of Pharmaceutical Sciences	Pharmacological Reports	2018 - 2019	2968-4849
Synthesis and Photophysical Properties of Pyridyl Conjugated Triazole Appended Naphthalenediimide Derivatives	Girijesh Kumar*, R. Guda, A. Husain, R. Patra, Kirandeep and M. Kasula	Department of Chemistry	Photochem. Photobiol. Sci., 2019, 18, 1333–1341	2018 - 2019	1474-9092
First measurement of jet mass in Pb–Pb and p–Pb collisions at the LHC	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 776, 249 (2018	2018 - 2019	2179849

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J/ψ production as a function of charged-particle pseudorapidity density in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 776, 91 (2018).	2018 - 2019	2179849
Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 777, 151 (2018).	2018 - 2019	2179849
Search for collectivity with azimuthal J/ψ-hadron correlations in high multiplicity p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 8.16 TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 780 (2018) 7-20	2018 - 2019	2179849
Transverse spin-dependent azimuthal correlations of charged pion pairs measured in $p\uparrow + p$ collisions at $\sqrt{s} = 500$ GeV _{SEP}	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Lett. B 780, 332 (2018).	2018 - 2019	2179849
Beam energy dependence of rapidity-even dipolar flow in Au+Au collisions _{SEP}	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Lett. B 784, 26 (2018).	2018 - 2019	0031-9007
Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV _{SEP} Phys. Lett. B 788, 166 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 788 (2019) 166-179	2018 - 2019	2179849
Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV _{SEP} Phys. Lett. B 789, 308 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 789 (2019) 308	2018 - 2019	2179849
γ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV _{SEP} Phys. Lett. B 790, 89 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 790 (2019) 89	2018 - 2019	2179849
Measuring KOSK± interactions using pp collisions at $\sqrt{s} = 7$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 790, 22 (2019).	2018 - 2019	2179849
Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe–Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV _{SEP}	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 790, 35 (2019).	2018 - 2019	0217-9849
One-dimensional charged kaon femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 100, no. 2, 024002 (2019)	2018 - 2019	24699985
Production of deuterons, tritons, 3He nuclei and their antinuclei in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV Phys. Rev. C 97, no. 2, 024615 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 97, 024615 – Published 21 February 2018	2018 - 2019	24699985
Rotational band on a three-quasineutron isomer in ¹²⁷ Xe	S. Chakraborty, H. P. Sharma, S. S. Tiwary, C. Majumder, P. Banerjee, S. Ganguly, S. Rai, A. Kumar .	Department of Physics	Phys. Rev. C 97, 054311 (2018)	2018 - 2019	x

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Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ ^{[1][SEP]}	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 97, no. 2, 024906 (2018).	2018 - 2019	
Measurement of the Λ 3H lifetime in Au+Au collisions at the BNL Relativistic Heavy Ion Collider	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. C 97, no. 5, 054909 (2018).	2018 - 2019	24699985
Global polarization of Λ hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 200 \text{ GeV}$ ^{[1][SEP]} Phys. Rev. C 98, 014910 (2018).	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. C 98, 014910	2018 - 2019	24699985
Methods for separation of deuterons produced in the medium and in jets in high energy collisions ^{[1][SEP]}	N. Sharma, T. Perez, A., Castro, L. Kumar and C. Nattrass	Department of Physics	Phys. Rev. C 98, no. 1, 014914 (2018).	2018 - 2019	24699985
Azimuthal anisotropy in Cu+Au collisions at $\sqrt{s_{NN}} = 200 \text{ GeV}$	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. C 98, no. 1, 014915 (2018) ^{[1][SEP]} ^{[1][SEP]}	2018 - 2019	2469-9985
Harmonic decomposition of three-particle azimuthal correlations at energies available at the BNL Relativistic Heavy Ion Collider ^{[1][SEP]}	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. C 98, no. 3, 034918 (2018).	2018 - 2019	24699985
Particle identification studies with a full-size 4-GEM prototype for the ALICE TPC upgrade Nucl. Instrum. Meth. A 903, 215 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 99, 024001 – Published 13 February 2019	2018 - 2019	24699985
Suppression of $\Lambda(1520)$ resonance production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ Phys. Rev. C 99, 024905 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 99, 024905 – Published 8 February 2019	2018 - 2019	24699993
Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s} = 2.76$ and 8 TeV ^{[1][SEP]} Phys. Rev. C 99, no. 2, 024912 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 99, 024912 (2019)	2018 - 2019	24699985
Multiplicity dependence of light-flavor hadron production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 99, no. 2, 024906 (2019).	2018 - 2019	24699985
Collision-energy dependence of pt correlations in Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. C 99, no. 4, 044918 (2019)	2018 - 2019	24699985
Production of the $\rho(770)0$ meson in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 99, no. 6, 064901 (2019).	2018 - 2019	24699985
Moments of multiplicity distributions using Tsallis statistics in leptonic and hadronic collisions . Phys. Rev. D99, 096016 (2019).	S. Sharma, M. Kaur	Department of Physics	Phys. Rev. D	2018 - 2019	24700010

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New constraints on oscillation parameters from ν_e appearance and $\bar{\nu}_\mu$ disappearance in the NOvA experiment	Vipin Bhatnagar, ashok kumar Jyoti Tripathi et al.	Department of Physics	Phys. Rev. D	2018 - 2019	
Azimuthal transverse single-spin asymmetries of inclusive jets and charged pions within jets from polarized-proton collisions at $\sqrt{s} = 500$ GeV	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. D 97, no. 3, 032004 (2018).	2018 - 2019	2470-0010
Improved measurement of the longitudinal spin transfer to Λ and $\bar{\Lambda}$ hyperons in polarized proton-proton collisions at $\sqrt{s} = 200$ GeV _{SEP} Phys. Rev. D 98, no. 11, 112009 (2018).	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. D 98, 112009 (2018)	2018 - 2019	24700010
Longitudinal Double-Spin Asymmetries for π^0 s in the Forward Direction for 510 GeV Polarized pp Collisions	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. D 98, no. 3, 032013 (2018) _{SEP}	2018 - 2019	24700010
Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. D 99, no. 1, 012016 (2019).	2018 - 2019	24700010
Multiplicity spectra in pp collisions at high energies in terms of Gamma and Tsallis distributions. Phys. Rev. D98, 034008 (2018).	S. Sharma,M.Kaur	Department of Physics	Phys. Rev. D98, 034008 (2018)	2018 - 2019	24700010
D-meson azimuthal anisotropy in midcentral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. Lett. 120, no. 10, 102301 (2018).	2018 - 2019	10797114
Beam-Energy Dependence of Directed Flow of Λ , $\bar{\Lambda}$, $K^\pm$, K_S^0 and ϕ in Au+Au Collisions	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. Lett. 120, no. 6, 062301 (2018).	2018 - 2019	0031-9007
Low-pT e^+e^- pair production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV and U+U collisions at $\sqrt{s_{NN}} = 193$ GeV at STAR	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. Lett. 121, no. 13, 132301 (2018).	2018 - 2019	24700010
Beam Energy Dependence of Jet-Quenching Effects in Au+Au Collisions at $\sqrt{s_{NN}} = 7.7, 11.5, 14.5, 19.6, 27, 39$, and 62.4 GeV _{SEP}	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. Lett. 121, no. 3, 032301 (2018).	2018 - 2019	0031-9007
Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in p-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. Lett. 122, no. 7, 072301 (2019).	2018 - 2019	0031-9007
Analysis of the apparent nuclear modification in peripheral Pb–Pb collisions at 5.02 TeV Phys. Lett. B 793, 420 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys.Lett. B793 (2019) 420-432	2018 - 2019	10298479

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CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) et al.). Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at $\sqrt{s}=13$ TeV. Phys.Rev. D100, 012004 (2019).	Beri, S., Singh, J.B., Kaur, M., & Bhatnagar.V., Chauhan. S	Department of Physics	Phys.Rev. D100, 012004 (2019).	2018 - 2019	24700010
MS Collaboration (Albert M Sirunyan et al.) Observation of $t\bar{t}$ H production, Phys.Rev.Lett. 120, 231801 (2018).	Beri, S., Singh, J.B., Kaur, M., & Bhatnagar.V., Chauhan. S	Department of Physics	Phys.Rev.Lett. 120, 231801 (2018)	2018 - 2019	10797114
CMS Collaboration (Albert M Sirunyan et al.) Search for the production of $W^\pm W^\pm W^\mp$ events at $\sqrt{s}=13$ TeV. Phys.Rev.Lett. 121, 082301 (2019)	Beri, S., Singh, J.B., Kaur, M., & Bhatnagar.V., Chauhan. S	Department of Physics	Phys.Rev.Lett. 121, 082301 (2019)	2018 - 2019	10298479
Observation of D0 Meson Nuclear Modifications in Au+Au Collisions at $\sqrt{s} N N = 200$ GeV	Kumar, L. (STAR Collaboration)	Department of Physics	Phys.Rev.Lett. 121, no. 22, 229901 (2018).	2018 - 2019	10797114
CMS Collaboration (Albert M Sirunyan et al.). Search for W boson decays to three charged pions. Phys.Rev.Lett. 122, 151802 (2019).	Beri, S., Singh, J.B., Kaur, M., & Bhatnagar.V., Chauhan. S	Department of Physics	Phys.Rev.Lett. 122, 151802 (2019).	2018 - 2019	10797114
Complex network based comparative analysis of Delhi Metro network and its extension.	Kushal Kanwar, Harish Kumar, and Sakshi Kaushal	University Institute of Engineering & Technology	Physica A: Statistical Mechanics and its Applications	2018 - 2019	0378-4371
Beam energy dependence of (anti-)deuteron production in Au + Au collisions at the BNL Relativistic Heavy Ion Collider Phys. Rev. C 99, no. 6, 064905 (2019)	Kumar, L. (STAR Collaboration)	Department of Physics	Physical Review C	2018 - 2019	2469-9985
Centrality and transverse momentum dependence of D0-meson production at mid-rapidity in Au+Au collisions at $\sqrt{s}NN = 200$ GeV Phys. Rev. C 99, no. 3, 034908 (2019).	Kumar, L. (STAR Collaboration)	Department of Physics	PHYSICAL REVIEW C	2018 - 2019	24699985
Collision-energy dependence of second-order off-diagonal and diagonal cumulants of net- charge, net-proton, and net-kaon multiplicity distributions in Au + Au collisions Phys. Rev. C 100, no. 1, 014902 (2019)	Kumar, L. (STAR Collaboration)	Department of Physics	Physical Review C	2018 - 2019	24699985
Measurement of mass-gated neutron multiplicity for the $^{48}\text{Ti} + ^{208}\text{Pb}$ reaction at 57.4 MeV excitation energy	M.Thakur, B.R.Behera, R.Mahajan, G.Kaur, P.Sharma, K.Kapoor, K.Rani, P.Sugathan, A.Jhingan	Department of Physics	PHYSICAL REVIEW C 98, 014606 (2018)	2018 - 2019	2469-9985, 2469-9993
Mass distributions of fission fragments from nuclei populated by multinucleon transfer or incomplete fusion channels in $^6\text{Li} + ^{238}\text{U}$ reactions	A. Pal, Kavita Rani, Devinder Kaur, Honey Arora	Department of Physics	PHYSICAL REVIEW C 98, 031601(R) (2018)	2018 - 2019	24699985, 24699993

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Systematic study of 192, 202, 206, 210Po compound nuclei using neutron multiplicity as a probe	R.Mahajan, B.R.Behera, M.Thakur, G.Kaur, P.Sharma, K.Kapoor, Ashok kumar, P.Sugathan, A.Jhingan	Department of Physics	PHYSICAL REVIEW C 98, 034601 (2018)	2018 - 2019	2469-9985, 2469-9993
Neutral pion and η meson production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV _{SEP} Phys. Rev. C 98, no. 4, 044901 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	PHYSICAL REVIEW C 98, 044901 (2018)	2018 - 2019	24699985
p-p, p- Λ and Λ - Λ correlations studied via femtoscopy in pp reactions at $\sqrt{s} = 7$ TeV Phys. Rev. C 99, no. 2, 024001 (2019) _{SEP}	Kumar, L. (ALICE Collaboration)	Department of Physics	PHYSICAL REVIEW C 99, 024001 (2019)	2018 - 2019	24699985
Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV Phys. Rev. C 99, no. 2, 024002 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	PHYSICAL REVIEW C 99, 024002 (2019)	2018 - 2019	24699985
Jet fragmentation as a tool to explore double parton scattering using Z-boson + jets processes at the LHC	Sunil Bansal	University Institute of Engineering & Technology	Physical Review D	2018 - 2019	"2470-0010 (print) 2470-0029 (online)"
Longitudinal double-spin asymmetries for dijet production at intermediate pseudorapidity in polarized pp collisions at $\sqrt{s} = 200$ GeV _{SEP} Phys. Rev. D 98, no. 3, 032011 (2018).	Kumar, L. (STAR Collaboration)	Department of Physics	PHYSICAL REVIEW D 98, 032011 (2018)	2018 - 2019	24700010
Transverse spin transfer to Λ and Λ hyperons in polarized proton-proton collisions at $\sqrt{s} = 200$ GeV Phys. Rev. D 98, no. 9, 091103 (2018).	Kumar, L. (STAR Collaboration)	Department of Physics	PHYSICAL REVIEW D 98, 091103(R) (2018)	2018 - 2019	24700010
Measurement of the longitudinal spin asymmetries for weak boson production in proton-proton collisions at $\sqrt{s} = 510$ GeV Phys. Rev. D 99, no. 5, 051102 (2019)	Kumar, L. (STAR Collaboration)	Department of Physics	PHYSICAL REVIEW D 99, 051102(R) (2019)	2018 - 2019	24700010
Azimuthal Harmonics in Small and Large Collision Systems at RHIC Top Energies Phys. Rev. Lett. 122, no. 17, 172301 (2019)	Kumar, L. (STAR Collaboration)	Department of Physics	PHYSICAL REVIEW LETTERS 122, 172301 (2019)	2018 - 2019	0031-9007
Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV _{SEP} Phys. Lett. B 785, 320 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	Physics Letters B	2018 - 2019	0370-2693

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Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ Phys. Lett. B 780, 372 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	Physics Letters B 780 (2018) 372–383	2018 - 2019	2179849
Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ Phys. Lett. B 781, 20 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	Physics Letters B 781 (2018) 20–32	2018 - 2019	2179849
Anisotropic flow in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44 \text{ TeV}$ Phys. Lett. B 784, 82 (2018).	Kumar, L. (ALICE Collaboration)	Department of Physics	Physics Letters B 784(1)	2018 - 2019	0370-2693
Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ Phys. Lett. B 794, 50 (2019).	Kumar, L. (ALICE Collaboration)	Department of Physics	Physics Letters B 794 (2019) 50–63	2018 - 2019	2179849
Efficacy of linalool to ameliorate uremia induced vascular calcification in wistar rat	Tanzeer Kaur, Sunaina Kaul, Ankita Bhardwaj	Department of Biophysics	Phytomedicine	2018 - 2019	ISSN 09447113
Coadministration of ginger extract-Lactobacillus acidophilus (cobiotic) reduces gut inflammation and oxidative stress via downregulation of COX-2, i-NOS and c-Myc	Parneet Kaur Deol, Pragyanshu Khare, Mahendra Bishnoi, Kanthi Kiran Kondepudi, Indu Pal Kaur	University Institute of Pharmaceutical Sciences	Phytotherapy Research	2018 - 2019	0951-418X
Investigation of in vitro anthelmintic activity of Caesalpinia pulcherrima leaves	Singh, G., Suttee, A., Barnwal, R.P., ...Chanana, V., Mishra, V.K.	University Institute of Engineering & Technology	Plant Archives	2018 - 2019	2581-6063
Resolution of Cox mediated inflammation by Se supplementation in mouse experimental model of colitis	Kaur R, Thakur S, Rastogi P, Kaushal N	Department of Biophysics	PLoS ONE	2018 - 2019	ISSN 19326203
Selection of suitable reference genes for normalization of quantitative RT-PCR (RTqPCR) expression data across twelve tissues of riverine buffaloes (Bubalus bubalis).	Kaur, R., Sodhi M., Sharma, A., Sharma, V. L., Verma P, Swami, S. K., Kumari, P., Mukesh M.	Department of Zoology	PLoS ONE	2018 - 2019	ISSN / eISSN: 1932-6203
Construction of a series of Zn(II) and Cd(II) coordination polymers using a mixed-ligand approach: Structural analysis and photophysical properties	Kirandeep, Gauri, Ananay Sharma, Ramu Guda, Praveen Kumar, Ramesh Kataria, Ahmad Hussain, G Kumar	Department of Chemistry	Polyhedron	2018 - 2019	0277-5387
Preparation and investigation of copper–manganese mixed oxides as a high-efficiency catalyst for the azide-alkyne 1, 3-dipolar cycloaddition reaction	Mojtaba Amini, Somaiyeh Salmani, Sanjeev Gautam, Keun Hwa Chae	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Polyhedron	2018 - 2019	0277-5387

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Synthesis and characterization of new silver(I) naphthalenedisulfonate complexes with heterocyclic N-donor ligands: Packing analyses and antibacterial studies	Kumar, S., Sharma, R.P., Venugopalan, P., Gondil, V.S., Chhibber, S., Ferretti, V.	Department of Chemistry	Polyhedron	2018 - 2019	0277-5387
Experimental investigations, cytotoxicity and cellular uptake outcomes of physically modified duloxetine HCl inclusion complexes	Kumar, R., Sarwal A., Dahiya, L., Gupta, D. & Sinha, V. R.	University Institute of Pharmaceutical Sciences	Polymer Bulletin 76	2018 - 2019	1436-2449
India: Municipal Wards in Million Cities 2011	Gopal Krishan	Department of Geography	Population Geography Volume 39 Numbers 1 & 2 June-December 2017	2018 - 2019	0256-5331
Motion of spheres and cylinders in viscoelastic fluids: Asymptotic behavior	Kaur, A., Sobti, A., Toor, A. P., & Wanchoo, R. K.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Powder Technology	2018 - 2019	0032-5910
Reading Habit of Post-Graduate students of Gandhian and Peace Studies Panjab University Chandigarh: A Study	Ms. Vandna Kumari	Department of Gandhian and Peace Studies	PRAMANA Research Journal	2018 - 2019	2249-2976
Scrutinizing the Predicament of Freedom of Press vis-à-vis Right to Privacy under the Constitutional Framework	Prof. Supinder Kaur	Department of Laws	Pramana Research Journal	2018 - 2019	2249-2976
Meyer–Neldel energy in Se-based binary and ternary chalcogenide glasses	Murti, R., Tripathi, S.K., Goyal, N. & Prakash, S.	Department of Physics	Pramana-Journal of Physics	2018 - 2019	0973-7111
Isospin effects on nuclear fragmentation of isotopic, isobaric and isotonic reactions	P. Bansal S Gautam R K Puri	Department of Physics	PRC	2018 - 2019	2469-9985
Detoxification and Sensing of Organophosphate-Based pesticides and Preservatives in Beverages	Singh, A., Raj, P., Kaur, N., Singh, N.	Department of Chemistry	Preservatives and Preservation approach in beverages	2018 - 2019	978-0-12-816685-7
Modernity and Changing Social Fabric of Punjab and Haryana	Lallan Singh Baghel	Department of Philosophy	PRIMUS Books, Modernity and Changing Social Fabric of Punjab and Haryana	2018 - 2019	ISBN: 978-93-86552-98-3
Prophylactic potential of synbiotic (Lactobacillus casei and Inulin) in Malnourished Murine Giardiasis: an Immunological and Ultrastructural Study	Geeta Shukla, Anuj Sharma, Ruchika Bhatia, Mridul Sharma	Department of Microbiology	probiotics and antimicrobial proteins	2018 - 2019	18671314
Comparative analysis of anti-giardial potential of heat inactivated and probiotic protein of probiotic Lactobacillus rhamnosus GG in murine giardiasis	Geeta Shukla, Shweta Kamboj, Bhawna Sharma	Department of Microbiology	Probiotics Antimicrob Proteins	2018 - 2019	18671314
Statistical Hadronisation in High Energy Particle Collisions Springer Proc. Phys. 203, 771 (2018).	S. Sharma, S. Thakur, M. Kaur	Department of Physics	Proc. Phys. 203, 771 (2018).	2018 - 2019	17936608

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Performance Evaluation of MANET Using Multi-Channel MAC Framework	Rohit Kumar, Dr. Kavita Taneja, Dr. Harmunish Taneja	Department of Computer Science & Applications	Procedia computer science Journal	2018 - 2019	1877-0509
Correlation between Targeted Protein and Drug Side Effects: A Step towards the Prediction of Drug Toxicity	Dr. Preeti Aggarwal	University Institute of Engineering & Technology	Proceedings of International Conference on Advancements in Computing & Management (ICACM) 2019	2018 - 2019	1798-2340
Bio-utilization of Fruits and Vegetables Waste to Produce β -Carotene in Solid State Fermentation; Characterization and Antioxidant Activity	Prabhjot Kaur, Gargi Ghoshal, Ashay Jain	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Process biochemistry	2018 - 2019	13595113
Biomass derived Hierarchical Porous Carbon Materials as Oxygen Reduction Reaction Electrocatalysts in Fuel Cells	Prabhsharan Kaur, Gaurav Verma, Satpal Singh Sekhon	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Progress in Materials Science	2018 - 2019	0079-6425
Weathering, salt spray corrosion and mar resistance mechanism of clay (nano-platelet) reinforced polyurethane nanocomposite coatings	Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Progress in Organic Coatings	2018 - 2019	0300-9440
Facilitating Sustainable Development of Rural Women Through Financial Inclusion with Special Reference to National Rural Livelihood Mission in State of Haryana (India): An Assessment (First author)	Dr. Navreet (Co-Author)	Department of Public Administration	Public Affairs and Governance	2018 - 2019	2321-2128
Analysis of crime in India: A study	Prof. Anil Monga	Centre for Police Administration	Public Affairs Governance	2018 - 2019	ISSN2321-2128
Concentration of Canal Irrigation in Haryana: A Spatial Analysis	Gaurav Kalotra	Department of Geography	Punjab Geographer	2018 - 2019	0973-3485
Punjab and Himachal Pradesh: Temperature Variability and Trends Since 1990m AD.	Manu Raj Sharma, Vishwa Bandhu Singh Chandel, Karanjot Kaur Brar	Department of Geography	Punjab Geographer	2018 - 2019	0973-3485
Role of Manufacturing sector in India Growth Trajectory: analysis through social Accounting Based Output Linkages.	Arora, N. , Kaur, R.	Department of Economics	Punjab University Reseach Journal (ARTS), 45(2), 65-80	2018 - 2019	ISSN: 0970-5260
Effect of yoga practice on mental health of elementary teacher training students.	Mehar, R. & Sanwal, N.	University School of Open Learning	Purva Mimaansa: A Multidisciplinary Journal,	2018 - 2019	ISSN: 0976-0237.
Fatalism of Jacques the Valet: Diderot's provocation to the reader	Mayank Anand (Research Scholar)	Department of French & Francophone Studies	Purva Mimansa: A Multi-disciplinary Bi-annual Research Journal (Double Blind Peer Reviewed),Volume 9	2018 - 2019	0976-0237

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Dose optimization of lithium, to increase the uptake and retention of I-131 in rat thyroid	Kamal R, Sanny Bhushan, Vijayta Dani Chadha	Centre for Nuclear Medicine	Radiation and Environmental Biophysics	2018 - 2019	ISSN: 0301-634X (print); 1432-2099 (web)
Energy Loss of Swift Heavy Ions: Fundamentals and Theoretical Formulations	Vishal Sharma	Institute of Forensic Science & Criminology	Radiation Effects in Polymeric Materials	2018 - 2019	978-3-030-05770-
Study of radiotoxic ²¹⁰ Po in Indian tobacco using liquid scintillation spectrometry	Alok Srivastava, Vishal Tuli and Ulrich W. Scherer	Department of Chemistry	Radiochimica Acta	2018 - 2019	0033-8230
Health Care Systems for Sustainable Development (2018) : Nutrition as a Missing Link	Mehta, Rani	Department of Sociology	Rambam Maimonides Med J . 2022 Jul 31;13(3):e0020.	2018 - 2019	20769172
3D Modeling and Printing of Craniofacial	Dr. Prashant Jindal	University Institute of Engineering & Technology	Rapid Prototyping Journal	2018 - 2019	1355-2546
Fabrication and stress analysis of ankle foot orthosis with additive manufacturing	Dr. Rajesh Kumar	University Institute of Engineering & Technology	Rapid Prototyping Journal	2018 - 2019	13552546
Alternative Dispute Resolution: A Mode to Solve personal disputes, pp 55-57	Jai Mala	University Institute of Legal Studies	Re Marking : An Analisation, Vol.3, Issue 6, September 2018	2018 - 2019	
Green chemistry mediated synthesis of PLGA-Silver nanocomposites for antibacterial synergy: Introspection of formulation parameters on structural and bactericidal aspects	Shweta Sharma	Institute of Forensic Science & Criminology	Reactive and Functional Polymers	2018 - 2019	1381-5148
Radon Nikodym Property and Multipliers of HK integrable functions	Savita Bhatnagar	Department of Mathematics	Real Analysis Exchange	2018 - 2019	0147-1937
Current state of nanomedicines in the treatment of topical infectious disorders	Thakur, K., Sharma, G., Singh, B., Chhibber, S. & Katare, O. P.	University Institute of Pharmaceutical Sciences	Recent Patents on Anti-Infective Drug Discovery	2018 - 2019	2212-4071
Thymoquinone (TQ) a potential therapeutic molecule: Role of colloidal carriers in its effective delivery. Recent patents on drug delivery & formulation	Negi, P., Rathore, C., Sharma, G., Singh, B. & Katare, O. P.	University Institute of Pharmaceutical Sciences	Recent Patents on Drug Delivery & Formulation	2018 - 2019	22124039, 18722113
Environment Concern in India: Problem and Perspective	Dr. Priyatosh Sharma	Department of History	Remarking An Analisation	2018 - 2019	2455-0817
Environmental Concerns in India: Problem and Perspectives	Dr. Aditi Sharma	P.U. Regional Centre, Ludhiana	Remarking an Analisation	2018 - 2019	2394-0344
INFLUENCE OF SOCIO-CULTURAL FACTORS ON THE PERFORMANCE OF HINDI FILM INDUSTRY: AN EXPLORATORY STUDY	KULDEEP SINGH, DEEPAK KAPUR	University Business School	REMARKING AN ANALISATION	2018 - 2019	2394-0344
Skewed Sex Ratio, Male Marriage Squeeze and Buying of Girls for Marriage	Monica Munjial Singh. Aditya Parihar, Nirmla Devi	Centre for Social Work	Remarking An Analisation	2018 - 2019	2394-0344

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Urban Sanitation in India: A Journey of Towards Clean Nation	Sanjeev Kumar, Monica Munjial Singh	Centre for Social Work	Remarking an Analisation	2018 - 2019	2394-0344
Effect of Stress Management Programme on Life Satisfaction of Secondary School Teachers	Manju Gera	University School of Open Learning	Remarking An Analisation, 3(6) 173-176. at UGC Journal No 40827	2018 - 2019	ISSN 24550817
Dynamics of Culture and Status of Gujjar Women in Haryana	Dr. Monica Munjial Singh, Puneeta Behl	Centre for Social Work	Remarking an Analyzation	2018 - 2019	2394-0344
Amelioration of sperm immobilisation factor-induced infertility by bacterial antigenic determinants cross-reacting with spermatozoa.	Thaper Deepali, Rahi Deepak K., Prabha Vijay	Department of Microbiology	Reproduction, Fertility and Development	2018 - 2019	1031-3613
Amelioration of sperm immobilisation factor-induced infertility by bacterial antigenic determinants cross-reacting with spermatozoa. Reproduction Fertility and Development. doi: 10.1071/RD18300	Thaper D, Rahi DK and Prabha V (2018).	Department of Microbiology	Reproduction, Fertility and Development	2018 - 2019	10313613
Pseudomonas aeruginosa: A risk factor for fertility in male mice.	Kalpna Rana, Harpreet Vander, Deepali Thaper and Vijay Prabha	Department of Microbiology	Reproductive Biology	2018 - 2019	1642-431X
Pseudomonas aeruginosa: A risk factor for fertility in male mice. Reproductive Biology. 18 (4): 450-455.	Rana K, Vander H, Thaper D and Prabha V (2018).	Department of Microbiology	Reproductive Biology	2018 - 2019	1642431X
Escherichia coli recombinant sperm immobilizing factor RecX as a potential vaginal contraceptive	Monika Answal and Vijay Prabha	Department of Microbiology	Reproductive Biology and Endocrinology	2018 - 2019	14777827
Escherichia coli recombinant sperm immobilizing factor RecX as a potential vaginal contraceptive. Reproductive Biology and Endocrinology. 2018; 16: 88.	Answal M and Prabha V (2018).	Department of Microbiology	Reproductive Biology and Endocrinology	2018 - 2019	1477-7827
Transient Heat Shock Induces Oxidative Stress in Mice Testes. Amelioration by Selenium and Vitamin E	Sarvnrinder Kaur & M.P. Bansal	Department of Biophysics	Research & Reviews: A Journal of Life Sciences	2018 - 2019	ISSN: 2249 - 8648
Enzymatic Potential of indigenous Fungal Soil Isolates From Lower Shivalik Ranges of Chandigarh Capital Region	Maninderjeet Kaur and Rahi, D.K	Department of Microbiology	Research && Reviews: A Journal of Life Sciences	2018 - 2019	2249-8656
Fungal synthesis of silver nanoparticles by an indigenous species of Fusarium, its antibacterial activity & efficacy as antibiotic enhancer. Research and reviews: A journal of microbiology and virology	Rahi, D.K., Prem Lata Manhas, Maninderjeet Kaur, Sonu Rahi and Deepika Malik	Department of Microbiology	Research && Reviews: A Journal of Microbiology and Virology	2018 - 2019	2230-9853

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Career decision making among girl students in relation to their perceived parenting styles.	Grover, J. and Goyal, M.	Department of Education	Research Analysis and Evaluation, 10(3), 115-121.	2018 - 2019	2455-3085
Determining Association of Demographic Factors with Awareness of Banking Products & Microfinance: A Study of Chandigarh	Anupreet Kaur Mavi and Rachita Sambyal	University Institute of Applied Management Sciences	Research Chronicler, vol.VII, Issue3	2018 - 2019	ISSN: Print: 2347-5021 ISSN: Online: 2347-503X
Cyber bullying in India An Emerging Menace	Dr Amita Verma	University Institute of Legal Studies	Research Guru	2018 - 2019	2349266X
How Western Thinkers Transformed Gandhi	Dr. Manish Sharma	Department of Gandhian and Peace Studies	Research Guru	2018 - 2019	2349-266X
Resolving Disputes via Technology: A Challenge to Social Interaction	Navneet Arora	University Institute of Legal Studies	Research Guru	2018 - 2019	ISSN 2349-266X
Development of Social Skills Scale	Dr. Rekha Rani & Manjeet	Institute Of Educational Technology & Vocational Education	Research Guru : Online Journal of Multidisciplinary Subjects	2018 - 2019	2349-266X
Adjustment and self-confidence among the children of working and non-working mothers.	Mehar, R.	University School of Open Learning	Research Guru Online Journal of Multidisciplinary Subjects	2018 - 2019	Online ISSN: 2349-266X.
District Administration: As a coordinating Unit of Service Delivery	Dr. A Kumar	University School of Open Learning	Research Guru online Journal of Multidisciplinary Subjects	2018 - 2019	ISSN: 23-49-266X
Effect of radical and social constructive learning approaches on problem solving ability in mathematics in relation to attitude towards mathematics.	Mehar, R., & Sanwal, N.	University School of Open Learning	Research Guru Online Journal of Multidisciplinary Subjects	2018 - 2019	E-ISSN: 2349-266X
Construction and standardization of self-regulated learning scale.	Mehar, R. & Kaur, A.	University School of Open Learning	Research Journal of Humanities and Social Sciences	2018 - 2019	ISSN (Print): 0975-6795, (Online): 2321-5828
Post transcriptional gene silencing for treating meesmann epithelial corneal dystrophy: an in silico approach	Dr. Tammanna R. Sahrawat	Centre for System Biology & Bioinformatics	Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences	2018 - 2019	DOI: 10.26479/2019.0501.14
POTENTIAL THERAPEUTIC TARGETS OF NAFLD IN OFFSPRINGS WITH RESPECT TO MATERNAL WESTERN TYPE DIET	Dr. Veena Puri	Centre for System Biology & Bioinformatics	Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences	2018 - 2019	2454-6348

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Modulatory Prospective of Bee Pollen against Oxidative Stress Induced by Drugs: A Review	Umesh Bharti, Neelima R. kumar, Deepti Chaadary	Department of Zoology	Research Journal of Pharmacy and Technology	2018 - 2019	Print ISSN : 0974-3618. Online ISSN : 0974-360X.
The Spatial Patterning of the Harappan Sites	Sidhu, Paru Bal	Department of Ancient Indian History, Culture & Archaeology	Research Journal Social Science	2018 - 2019	0251-348X
Book Review: Shonaleeka Kaul, The Making of Early Kashmir: Landscape and Identity in the Rajatarangini	Dr. Ashish Kumar	Department of History	Research Journal Social Sciences, Vol. 26, No. 1&2	2018 - 2019	0251-348X
Exploring Cultures of Religious Extermism in Kiran Nagakar's Novel, God's Little Soldier	Dr. Rajesh Kumar Jaiswal	University School of Open Learning	research journal, Diviner,	2018 - 2019	ISSN No. 0973-8320
Assessing Social media uses among adolescents : A Sociological Study	Amandeep Singh	Department of Evening Studies	Research Review International Journal of Multidisciplinary	2018 - 2019	2455-3085
Environmental Awareness through Education : A Conceptual Framework	Amandeep Singh	Department of Evening Studies	Research Review International Journal of Multidisciplinary	2018 - 2019	2455-3085
Demographics and Format Choice among the Food & Grocery Retail Consumers in Punjab, India	Mr. Shashi Kapoor	P.U. Regional Centre, Ludhiana	Research Review International Journal Multidisciplinary	2018 - 2019	2455-3085
Demographics and Format Choice among the Food & Grocery Retail Consumers in Punjab, India	Dr. Ashish Saihjpal	P.U. Regional Centre, Ludhiana	Research Review International Journal Multidisciplinary	2018 - 2019	2455-3085
Impact of TV Advertisements on College Students' Buying Behaviour in Punjab	Anjali,	University Business School	RESEARCH REVIEW International Journal of Multidisciplinary	2018 - 2019	2455-3085
Intellectual Capital Discloure Practices - A Study of Selected Indian Companies	Mr. Shashi Kapoor	P.U. Regional Centre, Ludhiana	Research Review International Journal of Multidisciplinary	2018 - 2019	2455-3085
Popularization of Nearshoring In Eastern Europe- A Study to Understand the 'Why' Behind	Rupinder Bir Kaur and Minakshi Sehrawat	University Business School	RESEARCH REVIEW International Journal of Multidisciplinary	2018 - 2019	2455-3085
The Impact of Emotional Intelligence on Entrepreneurial Orientation: A Study of College Students in Punjab	Rupinder Bir Kaur and Kanwal Dhanobya	University Business School	RESEARCH REVIEW International Journal of Multidisciplinary	2018 - 2019	

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Understanding Career decision making difficulties of adolescents in Institutional Care.	Nagpal, G. & Kaur, S.	University School of Open Learning	Research Review International Journal of Multidisciplinary	2018 - 2019	ISSN 2455-3085 3(10)., 382-386, EISSN2455-3085
Career decision-making self-efficacy and social environment as predictors of career decision making among adolescent girls.	Goyal, M. and Grover, J.	Department of Education	Research Review International Journal of Multidisciplinary, 3(6), 202-208	2018 - 2019	2455-3085
Primary education in Punjab: Awareness and participation of school management committees.	Grover, J.	Department of Education	Research Review International Journal of Multidisciplinary, 3(6), 343-347.	2018 - 2019	2455-3085
Trends and Determinants of Disputes: A Study of Selected Indian Manufacturing Industries	Meenu Saihpal	University Institute of Legal Studies	Research Review International Journal of Muti Disciplinary	2018 - 2019	2455-3085
Role of Youth in Electoral Outcomes: An Analysis, Research Review Journals Vol 4 Issue 4	Virender Negi	University Institute of Legal Studies	Research Review Journals	2018 - 2019	ISSN 2455-3085
Effect of radical and social constructive learning approaches on self-perceptions in mathematics in relation to attitude towards mathematics.	Mehar, R.,& Sanwal, N.	University School of Open Learning	RESEARCH REVIEW: International Journal of Multidisciplinary	2018 - 2019	e-ISSN: 2455-3085.
Study of dielectric relaxation and thermally activated a.c. conduction in multicomponent Ge _{10-x} Se ₆₀ Te ₃₀ In _x (0≤x≤6) chalcogenide glasses using CBH modelResults in Physics	Singh, P.K., Sharma, S.K., Tripathi, S.K. & Dwivedi, D.K.	Department of Physics	Results In Physics	2018 - 2019	2211-3797
Effect of Social Skills Intervention Programme on Self Concept of Elementary School Students	Dr. Rekha Rani & Manjeet	Institute Of Educational Technology & Vocational Education	Review of Research	2018 - 2019	2249-849X
Organizational commitment and psychological strain among high school teachers	Kalpana Thakur & Amritpal kaur	Institute Of Educational Technology & Vocational Education	Review of Research, 7(9), 22-27	2018 - 2019	2249-894X
AN OVERVIEW OF RELATED LITERATURE OF ORGANISATIONAL CITIZENSHIP BEHAVIOUR, p. 9-18.	Dr. Amritpal Kaur	Institute Of Educational Technology & Vocational Education	REVIEW OF RESEARCH, Vol. 8 (5), February, 2019.	2018 - 2019	2249-894X
SPIRITUAL INTELLIGENCE OF HIGH SCHOOL TEACHERS IN RELATION TO TYPE OF SCHOOL: A COMPARATIVE STUDY, p. 9-14.	Dr. Amritpal Kaur	Institute Of Educational Technology & Vocational Education	REVIEW OF RESEARCH, Vol. 8 (5), February, 2019.	2018 - 2019	2249-894X
Microgravity: A paradigm to understand the stem cells behavior and function	Singh, K., Jain, A, K., Puri, V., Puri, S.	University Institute of Engineering & Technology	Reviews in human space exploration	2018 - 2019	2352-3093

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Sexual Harassment of Women: Causes, Consequences and Prevention	Dr. Babita Devi	Department of Laws	RGNLU Law Review, A Biannual journal, Vol. IX, Number 1	2018 - 2019	2231-4938
Green Consumerism and its Justifiability towards Sustainable Consumption: An Environmental Facet	Rattan Singh	University Institute of Legal Studies	RGNUL Law Review	2018 - 2019	ISSN 2231-4938
Medico-legal Implications of Incest Child Rape and Pregnancy: Ordeal of a Child Rape Survivor	Dr. Shipra Gupta	Department of Laws	RGNUL Law Review	2018 - 2019	2231-4938
Understanding the Role of Political Parties in Indian Democracy	Dr. Pushpinder Kaur	University Institute of Legal Studies	RGNUL Law Review	2018 - 2019	ISSN: 2231-4938
The Liability of the Parking Lot Thefts	Dr. Shipra Gupta	Department of Laws	RGNUL Law Review	2018 - 2019	2231-4938
Balancing Security and Liberty in the Age of Terrorism: A Legal Perspective	Shruti Bedi and Akhil Kamra	University Institute of Legal Studies	RGNUL Law Review, Vol. VII, July-Dec. 2017, pp. 99-112	2018 - 2019	ISSN 231-4938
The Indian Elderly Women: A Socio-Legal Perspective & policy Implication	Dr. Neelam Batra	P.U. Regional Centre, Ludhiana	RGNUL, Law Review	2018 - 2019	2231-4938
The Status of Elderly Women In Chandigarh: An Empirical Study	Dr. Neelam Batra	P.U. Regional Centre, Ludhiana	RGNUL, Law Review	2018 - 2019	2231-4938
Accuracy level of Haavikko's dental age estimation method in children: A systematic review and meta-analysis	Singh, M. Sehrawat, JS& Sharma, V.	Department of Anthropology	Rom J Leg Med	2018 - 2019	pISSN = 1221-8618 eISSN = 1844-8585
A catalyst- and solvent-free protocol for the sustainable synthesis of fused 4H-pyran derivatives	Md. Musawwer Khan, Sumbulunnisan Shareef, Saigala and Subash C. Sahoo	Department of Chemistry	RSC Adv., 2019, 9, 26393	2018 - 2019	2046-2069
An efficient and scalable synthesis of potent TLR2 agonistic PAM2CSK4	Kaur, A.; Poonam, Patil, M. T.; Mehta, S. K.; Salunke, D. B.	Department of Chemistry	RSC Advances	2018 - 2019	9587-9596
Enhanced bactericidal efficacy of polymer stabilized silver nanoparticles in conjugation with different classes of antibiotics	Amritpal Kaur, Rajesh Kumar	Department of Physics	RSC advances	2018 - 2019	2046-2069
Magnetically retrievable Ce-doped Fe3O4 nanoparticles as scaffolds for the removal of azo dyes	Shivani Uppal, Arushi Arora, Sanjeev Gautam, Suman Singh, RJ Choudhary, SK Mehta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	RSC Advances	2018 - 2019	2046-2069
A novel framework for writer identification based on pre-segmented Gurmukhi characters	Munish Kumar, M. K. Jindal, R. K. Sharma and Simpel Rani Jindal	P.U. Regional Centre, Muktsar	Sadhana	2018 - 2019	0256-2499
Devanagari ancient documents recognition using statistical feature extraction techniques	Sonika Rani Narang, M. K. Jindal and Munish Kumar	P.U. Regional Centre, Muktsar	Sadhana	2018 - 2019	0973-7677

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Changing Dimensions of Intervention Under International Law: A Critical Analysis	Prof. Jyoti Rattan	Department of Laws	SAGE journals	2018 - 2019	https://doi.org/10.1177/2158244019840911
PUNJAB DE KABILA SAMAZ VICH AURAT DI SATHITI	MANJEET KAUR	P.U. Regional Centre, Muktsar	SAHITAK EKAM	2018 - 2019	23941790
Gurtej Koharwala di Shayari : Swai Samaj di Chetna at Tanaa di Shayari	Prof. Yog Raj	School of Punjabi Studies	Samdarshi, January-February	2018 - 2019	2581-3986
Manmohan di Kav-Kitab ‘Zeel’ di Kav-Bhasha	Prof. Yograj Angrish	School of Punjabi Studies	Samdarshi, September-October	2018 - 2019	2581-3986
Samkalin hindi kavita	Dr. Ashok Kumar	Department of Hindi	Samkalin Hindi Kavita Srijan aur Chintan	2018 - 2019	978-81-921915-8-4
Depression among secondary school students in relation to their parental involvement	Mehar, R.	University School of Open Learning	Sanshodhan Chetana: An Educational Research Journal	2018 - 2019	ISSN 2319-5525
Dialogue a Tool for Peace and Conflict Resolution	Dr. Ashu Pasricha	Department of Gandhian and Peace Studies	Sanskar Chetna	2018 - 2019	2347 4041
Reciprocal teaching: An abstract idea and blue print	Thakur, K. & Kumar, J	Institute Of Educational Technology & Vocational Education	Sanskar Chetna	2018 - 2019	2347-4041
Sanjivan Ke Paksh Mein Kalam Ka Samvad: Gyan Chaturvedi Ke Vyangya	Dr. Ashok Kumar	Department of Hindi	Sanskar Chetna	2018 - 2019	2347-4041
Quantum-mechanical LSERs for the concentration-dependent adsorption of aromatic organic compounds by activated carbon: Applications and comparison with carbon nanotubes,SAR QSAR in Environmental Research, 30, 109-130, 2019.	Suman Lata and Vikas	Department of Chemistry	SAR QSAR in Environmental Research, 30, 109-130, 2019.	2018 - 2019	1062-936X
Reduction of Animal Sacrifice in Biomedical Science & Research through Alternative Design of Animal Experiments.	jagdish rai	Institute of Forensic Science & Criminology	Saudi Pharmaceutical Journal	2018 - 2019	1319-0164
Role of ethics in ethical leader’s behaviour at workplace: An analytical review	Malodia, L. (Sneha)	University Business School	Scholarly Research Journal for Humanity Science and English Language	2018 - 2019	Vol. 6, Issue-26, pp.7878-7886
ATM Card Cloning and Ethical considerations, Science and Engineering Ethics	Kaur, P. Krishan, K. Sharma, S K&K&Kanchan ,T.	Department of Anthropology	Science and Engineering ethic	2018 - 2019	1353-3452 (print) 1471-5546 (web)
Toxicological responses of surfactant functionalized selenium nanoparticles: A quantitative multi-assay approach.	Savita Chaudhary, Pooja Chauhan, Rajeev Kumar and K.K. Bhasin	Department of Chemistry	Science of the Total Environment	2018 - 2019	0048-9697

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Nanosorbent of hydroxyapatite for atrazine: A new approach for combating agricultural runoffs.	Priyanka Sharma, Deepak Rohilla, Savita Chaudhary, Rajeev Kumar and A.N. Singh.	Department of Chemistry	Science of the Total Environment 653 (2019) 264–273	2018 - 2019	0048-9697
Toxicological responses of surfactant functionalized selenium nanoparticles: A quantitative multi-assay approach	svita Chaudhary a,*, Pooja Chauhan a, Rajeev Kumar b, K.K. Bhasin a	Department of Environment Studies	Science of Total Environment	2018 - 2019	0048-9697
Augmented antibiotic resistance associated with cadmium induced alterations in Salmonella enterica serovar Typhi	Ujjwal Jit Kaur, Simran Preet & Praveen Rishi	Department of Biophysics	Scientific Reports	2018 - 2019	ISSN 20452322
Augmented antibiotic resistance associated with cadmium induced alterations in Salmonella enterica serovar Typhi. Scientific reports, 8(1), p.12818.	Ujjwal Jit Kaur, Simran Preet, Praveen Rishi	Department of Microbiology	Scientific reports	2018 - 2019	24519162
Curcumin alleviates persistence of Acinetobacter baumannii against colistin, Scientific Reports	Kaur A, Sharma P, Capalash N	Department of Microbiology	Scientific Reports	2018 - 2019	2045-2322
Exploiting chitosan and gold nanoparticles for antimycobacterial activity of in silico identified antimicrobial motif of human neutrophil peptide-1. Scientific reports, 9(1), p.7866.	R Sharma, R Raghav, K Priyanka, P Rishi, S Sharma, S Srivastava, I Verma	Department of Microbiology	Scientific REports	2018 - 2019	2045-2322
fenbendazole acts as a moderate microtubule destabilizing agent and causes cancer cell death by modulating multiple cellular pathways	Dr. Ashok Kumar	Centre for System Biology & Bioinformatics	Scientific Reports	2018 - 2019	https://doi.org/10.1038/s41598-018-30158-6
Fenbendazole acts as a moderate microtubule destabilizing agent and causes cancer cell death by modulating multiple cellular pathways, Scientific Reports volume 8, Article number: 11926 (2018)	Dr. Ashok Kumar	Centre for System Biology & Bioinformatics	Scientific Reports	2018 - 2019	https://doi.org/10.1038/s41598-018-30158-6
Long Non-coding RNAs Coordinate Developmental Transitions and Other Key Biological Processes in Grapevine	Garima Bhatia, Shailesh Sharma, Santosh Kumar Upadhyay & Kashmir Singh	Department of Biotechnology	Scientific reports	2018 - 2019	2045-2322
Manganese Oxide Nanochips as a Novel Electrocatalyst for Direct Redox Sensing of Hexavalent Chromium	Gaurav Bhanjana, Pooja Rana, Ganga Ram Chaudhary, Neeraj Dilbaghi, Ki-Hyun Kim, Sandeep Kumar	Department of Chemistry	Scientific Reports	2018 - 2019	2045-2322
Novel Liposome Eencapsulated Guanosine Di Phosphate based Therapeutic Target against Anemia of Inflammation.	Prof. Rajat Sandhir	Department of Biochemistry	Scientific Reports	2018 - 2019	2045-2322

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Nano-aggregate-Fe ³⁺ complex based on benzimidazole-modified calix[4]arene for amplified fluorescence detection of ADP in aqueous media	Kaur, H., Singh, N., Kaur, N., Jang, D. O	Department of Chemistry	Sensor and Actuators, B: Chemical	2018 - 2019	0925-4005
A novel sulfur-incorporated naphthoquinone as a selective turn-on fluorescence chemical sensor for rapid detection of Ba ²⁺ ion in semi aqueous medium.	Aman K.K. Bhasin, Pooja Chauhan and Savita Chaudhary	Department of Chemistry	Sensors & Actuators: B. Chemical	2018 - 2019	0925-4006
Smoke sensing applications of Brij 58 functionalized Praseodymium oxide (Pr ₆ O ₁₁) nanostructures.	Priyanka Sharma, Savita Chaudhary, Rajeev Kumar, Ahmad Umar	Department of Chemistry	Sensors & Actuators: B. Chemical	2018 - 2019	0925-4005
Fabrication and linearisation of conformable POMANI-Mn ₃ O ₄ nanocomposite based thermistor for temperature monitoring applications in prosthetic gloves	A Kumar	University Institute of Engineering & Technology	Sensors and Actuators A: Physical	2018 - 2019	9244247
Tricyclic dihydroyrimidine-based multifunctional organic nanoparticles for detection of Ag(I) ions and spermidine: Real-time applications	Kaur, G.; Raj, T.; Singhal, S.; Kaur, N.	Department of Chemistry	Sensors and Actuators B	2018 - 2019	0925-4005
Colorimetric chemosensor based on Coumarin skeleton for selective naked eye detection of Cobalt (II) ion in near aqueous medium	DevikaVashisht, K. Kaur, R.Jukaria, A.Vashisht, S.Sharma and S. K. Mehta	Department of Chemistry	Sensors and Actuators B: Chemical	2018 - 2019	0925-4005
Drug and nano particle mediated rapid naked eye water test for pathogen detection.	Dr. Rajesh Kumar	University Institute of Engineering & Technology	Sensors and Actuators B: Chemical	2018 - 2019	9254005
Estimation of sodium ions using easily engineered organic nanoparticles-based turn-on fluorescent sensor: Application in biological and environmental samples	Kaur, G.; Kaur, N.	Department of Chemistry	Sensors and Actuators B: Chemical	2018 - 2019	0925-4005
Gold conjugated carbon dots nano assembly: FRET paired fluorescence probe for cysteine recognition	Sidhu, J.S., Singh, A., Garg, N., Kaur, N., Singh, N.	Department of Chemistry	Sensors and Actuators, B: Chemical	2018 - 2019	0925-4005
Reusable Schiff base functionalized silica as a multi-purpose nanoprobe for fluorogenic recognition, quantification and extraction of Zn ²⁺ ions	Kaur, P., Singh, R., Kaur, V., Talwar, D.	Department of Chemistry	Sensors and Actuators, B: Chemical	2018 - 2019	0925-4005
Cystamine-cobalt complex based fluorescent sensor for detection of NADH and cancer cell imaging	Kaur, R., Singh Sidhu, J., Singh, N., Kaur, I., Kaur, N.	Department of Chemistry	Sensors and Actuators, B: Chemical, 2019, 293, 144	2018 - 2019	0925-4005
An Anodyne Mode of Negotiation: Mediation in Dissension of Indian Family Matters	Rattan Singh	University Institute of Legal Studies	Shimla Law Review, HPNLU, Shimla	2018 - 2019	ISSN 2582 – 1903
Adamyā Sahas ki Sashakt Abhivyakti	Prof. Neerja Sood	Department of Hindi	Shodh Disha	2018 - 2019	0975-735X

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UNVI Sadabdi ka vecharik andohlan bhartedu babu harishchand	Dr.Pradeep Rai	P.U. Rural Centre, Kauni, Muktsar	Shodh Pravah	2018 - 2019	ISSN;2249-6742
A distortion-agnostic video quality metric based on multi-scale spatio-temporal structural information	Naveen Aggarwal	University Institute of Engineering & Technology	Signal Processing: Image Communication	2018 - 2019	0923-5965
Schiff Based Silatranyl Compounds Exhibiting 'Fe3+ and Mn2+ Fluorescence Dual Ion Sensing and Antibacterial Activity'.	Singh G., Singh J., Singh J., Singh A., Gupta K., Chhibber S., Verma V.	Department of Microbiology	Silicon	2018 - 2019	18769918
BIGAMY AND ROLE OF MENS REA	VINAY SHARMA	P.U. S.S. Giri Regional Centre, Hoshiarpur	SKANDA JOURNAL OF HUMANITIES AND SOCIAL SCIENCES	2018 - 2019	ISSN-2354-5325
Genocide: A Grave Violation of Humanitarian Law and Human Rights	Dr. Sukhbir Kaur	P.U. S.S. Giri Regional Centre, Hoshiarpur	Skanda Journal of Humanities and Social Sciences	2018 - 2019	2454-5325
Role of entrepreneurship in boosting economic growth and employment in India	Raj, T. (Kumar, R.)	University Business School	Small Enterprises Development, Management and Extension Journal	2018 - 2019	0970-8464
Dalit Cultural Spaces and Contested Culture in Punjab: Relocating the Ravidass Dera and Ad Dharmi Jatheras	Surinder Singh	P.U. Rural Centre, Kauni, Muktsar	Sociological Bulletin	2018 - 2019	0038-0229
Cationic double chained metallosurfactants: Synthesis, aggregation, cytotoxicity, antimicrobial activity and their impact on structure of Bovine serum albumin	Gurpreet Kaur, Preeti Garg, Baljinder Kaur, Ganga Ram Chaudhary, Sandeep Kumar, N Dilbaghi, Puthusse	Department of Chemistry	Soft matter, 2018, 14, 5306-18.	2018 - 2019	1744-6848
Synthesis, thermal and surface activity of cationic single chain metal hybrid surfactants and their interaction with microbes and Protein	Gurpreet Kaur, Preeti Garg, Baljinder Kaur, Ganga Ram Chaudhary, S. Kumar, N. Dilbaghi, P.A Hassan	Department of Chemistry	Soft matter, 2019, 15, 2348-2358	2018 - 2019	1744-6848
Binary metal zinc-lead perovskite built-in air ambient: Towards lead-less and stableperovskitematerials Solar Energy Materials and Solar Cells	Soleimanioun, N., Rani, M., Sharma, S., Kumar, A. & Tripathi, S.K.	Department of Physics	Solar Energy Materials and Solar Cells	2018 - 2019	0927-0248
First principles study ofthe electronic and magnetic properties of Zn1-xCoxSe alloys	Khatta, S., Tripathi, S.K. &Prakash, S.	Department of Physics	Solid State Communications	2018 - 2019	0038-1098
Translating the Sacred in the Age of Design: New Typographic Experiments	Prof. Akshaya Kumar	Department of English & Cultural Studies	South Asian Review	2018 - 2019	0275-9527

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Exploration of solvent responsive Cr ³⁺ -Schiff base conjugates for monitoring Cr ³⁺ ions and organophosphates: Fabrication of spot-testing devices	Singh, J., Kaur, V., Singh, R., Bhardwaj, V.K.	Department of Chemistry	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2018 - 2019	1386-1425
A supersensitive silver nanoprobe based aptasensor for low cost detection of malathion residues in water and food samples	Rajni Bala, Sherry Mittal, Rohit K. Sharma and Nishima Wangoo	Department of Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2018 - 2019	1386-1425
On the spectroscopic investigation of lipstick stains: Forensic trace evidence	Vishal Sharma	Institute of Forensic Science & Criminology	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2018 - 2019	13861425
Spectroscopic and chemometric evaluation of cling films used for wrapping of foodstuff and illicit drugs	Vishal Sharma	Institute of Forensic Science & Criminology	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2018 - 2019	13861425
Shipbuilding in Indian Ocean c. 1000- c.1500 CE	Dr. Priyatosh Sharma	Department of History	SPMJR, vol. 8 , issue 12	2018 - 2019	2394-2886
Study of Chishti- Sabiriyya Dargahs in Contemporary Doaba (Punjab): Continuities and Change	Dr. Priyatosh Sharma	Department of History	SPMJR, vol. 9 , issue 3,	2018 - 2019	2394-2886
Modeling linearity and ambipolarity in GFET on different dielectrics for communication applications.	Singh S, Kaur I, Gupta S and Sharma P.	University Institute of Engineering & Technology	Springer	2018 - 2019	2883–2889
Status of State Health Sciences Universities of India: A Webometric Analysis	Dr. Khushpreet Singh Brar	Department of Library & Information Science	SRELS Journal of Information Management	2018 - 2019	0972 2467
Job Involvement and Employee Performance- An Empirical Study	Prof. Sanjay Kaushik* & Namita Koul	University Business School	SS INTERNATIONAL JOURNAL OF ECONOMICS AND MANAGEMENT	2018 - 2019	2231 -4962
Nonparametric tests for ordered quantities	Soni, P. (Deewan, I. & Jain, K.)	University Business School	Statistical Papers	2018 - 2019	Vol. 60, Issue 3, pp. 613-631
Book Review: Wendy Doniger, Beyond Dharma: Dissent in the Ancient Indian Sciences of Sex and Politics.	Dr. Ashish Kumar	Department of History	Studies in People's History, Vol. 5, No. 2	2018 - 2019	2348-4489
Scale Minimization in Sugar Industry Evaporators using Nanoporous Industrial Bio-solid Waste Bagasse Fly Ash	Rajeev Nath Tiwari, Choudhary Akshay Gandharv, Keya Dharamvir, Suresh Kumar and Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Sugar Tech	2018 - 2019	0974-0740
Rhodamine based NIR and ratiometric fluorescent sensor for selective identification of potassium ion: application in biological sample	Kaur, R., Sahoo, S.K., Kuwar, A., Kaur, N., Singh, N.	Department of Chemistry	Supramolecular Chemistry, 2019, 31, 36	2018 - 2019	1061-0278

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Harappan Agricultural Patterns in the Sutlej – Yamuna Divide	Sidhu, Paru Bal	Department of Ancient Indian History, Culture & Archaeology	Suraj Punj Journal for Multidisciplinary Research	2018 - 2019	2394-2886
Socio Legal Dimensions of Living-in- Reltions in India an analysis	Dr. Aditi Sharma	P.U. Regional Centre, Ludhiana	SURAJ PUNJ JOURNAL FOR MULTIDISCIPLINARY RESEARCH	2018 - 2019	2394-2886
Section 377 was a moral code and now an absolute right: A Review	Prof. Devinder Singh	Department of Laws	Suraj Punj Journal For Multidisciplinary Research Volume 9, Issue 1, 2019	2018 - 2019	2394-2886
Role of putrescine (Put) in imparting salt tolerance through modulation of put metabolism, mycorrhizal and rhizobial symbioses in <i>Cajanus cajan</i> (L.) Millsp.	Neera Garg	Department of Botany	Symbiosis	2018 - 2019	0334-5114
Facile and efficient synthesis of chiral sulfoxide esters: Versatile tool in asymmetric synthesis	Reshma, Aman Bhalla, Jitender Bhalla, Shamsheer S. Bari, Renu Thapar	Department of Chemistry	Synthetic Communications	2018 - 2019	0039-7911
Facile synthesis of novel benzothiazolyl pyrazolyl anchored 3-thio/seleno/chloro- β -lactams: Synthetic intermediates for novel 3-sulphenyl/sulfonyl, C-3 functionalized monocyclic and spirocyclic β -lactams	Jitender Bhalla, S. S. Bari, Aman Bhalla	Department of Chemistry	Synthetic Communications	2018 - 2019	0039-7911
Who is Afraid of Deen Dayal Upadhyaya	Sudhir Kumar	Department of Evening Studies	Tattva-Sindhu	2018 - 2019	2349-1426
Pyrrolidine-carbamate based new and efficient chiral organocatalyst for asymmetric Michael addition of ketones to nitroolefins	Amarjit Kaur*, Kamal Nain Singh, Esha Sharma, Shilpy, Poonam Rani, Sandeep Kumar Sharma	Department of Chemistry	Tetrahedron	2018 - 2019	0040-4020
Comprehensive study towards the desulfonylation/desulfinylation of cis-3-functionalized 3-phenylsulfonyl/sulfinyl- β -lactams to access novel cis-3-monosubstituted- β -lactams	Anu Kumari, S. S. Bari, Garima Modi, Shiwani Berry, Sadhika Khulla, Sanjay K. Mandal, Aman Bhalla	Department of Chemistry	Tetrahedron 2018, 74, 4400-4408	2018 - 2019	0040-4020
Ipso-nitration of carboxylic acids using a mixture of nitronium tetrafluoroborate, base and 1-hexyl-3,4,5-trimethyl-1H-imidazolium tetrafluoroborate	Natarajan, P., Chaudhary, R., Venugopalan, P.	Department of Chemistry	Tetrahedron Letters	2018 - 2019	0040-4039
Synthesis of coumarin based Knoevenagel-Ugi adducts by a sequential one pot five-component reaction and their biological evaluation as anti-bacterial agents	Kumar, S., Mukesh, K., Harjai, K., & Singh, V.	Department of Microbiology	Tetrahedron Letters	2018 - 2019	404039

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Synthesis of coumarin based Knoevenagel-Ugi adducts by a sequential one pot five-component reaction and their biological evaluation as anti-bacterial agents. Tetrahedron Letters, 2018, 60(1), 8-12.	Kumar, S., Mukesh, K., Harjai, K., & Singh, V. (2018).	Department of Microbiology	Tetrahedron Letters	2018 - 2019	1873-3581
Stereoselective synthesis and characterization of novel trans-4-(thiophenyl)pyrazolyl-b-lactams and their Ce3 functionalization	Preety Saini , S.S. Bari, Subash C. Sahoo, Sadhika Khullar, Sanjay K. Mandal,Aman Bhalla	Department of Chemistry	Tetrahedron, 2019, 75, 4591-4601	2018 - 2019	0040-4020
A Comparative Study of Women with and Without Knee Osteoarthritis on Perceived Stress, Personality Types and Coping Styles	Meena Sehgal and S Kaur	Department of Psychology	The Asian Journal of Psychology and Education	2018 - 2019	0971-2909
Cognisance among Youth for Sustainable Development Goals	Dr. Anuradha Sharma and Sukhwinder Kaur	Department of Community Education & Disability Studies	The Asian Man	2018 - 2019	0974-6366
India As An Electoral Laboratory	Prof. Ashutosh KUmar	Department of Political Science	The Book Review	2018 - 2019	Aug-18
Generating visually appealing QR codes using colour image embedding	Dr. Ajay Mittal	University Institute of Engineering & Technology	the Imaging Science Journal	2018 - 2019	1743-131X
Spatial Autocorelation Technique for Landslide Hot-Spot Analysis in the Upper Ravi River Catchment, Chamba, Himachal Pradesh	Pooja Sharma, Vishwa Bandhu Singh Chandel, Simrit Kahlon	Department of Geography	The Indian Geographical Journal	2018 - 2019	0019-4824
Modeling International Trinity and Policy Choices for India .	Arora, N. and Ramandeep Kaur	Department of Economics	The Indian Journal of Industrial Relations: A Review of Economic and Social Development, 54(4), 631–643.	2018 - 2019	ISSN: 0019-5286
Book review of Transforming a Fragile Indian Economy to Stable one: role of Monetry authority.	Arora, N. and Gill, H.K.	Department of Economics	The Indian Journal of industrial Relations: A Review of Economic and Social Development., 54(3), 558-565	2018 - 2019	ISSN: 0019-5286
Historiography of Representation: Analyses of Subaltern Heroes	Amandeep	Department of Evening Studies	The Indian Review of World Literature in English	2018 - 2019	O974-097X
A Novel Handwriting Grading System Using Gurmukhi Characters	Munish Kumar, Manish Jindal and Rajendra Sharma	P.U. Regional Centre, Muktsar	The International Arab Journal of Information Technology	2018 - 2019	1683-3198
Aggression and Gender Differences Among Adolescents as Revealed by Hopelessness	Roshan Lal	Department of Psychology	The International Journal of Indian Psychology	2018 - 2019	2349-3429
Amalgamation of education and natural learning style impacts cognitive development and academic achievement among 16-year old students.	Marwaha, Shruti, Sinha, A. K. & Sahani, Ramesh.	Department of Anthropology	The International Journal of Indian Psychology	2018 - 2019	SSN 2348-5396 (e) ISSN: 2349-3429 (p)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Study of Emotional Challenges in Teaching Profession	Roshan Lal	Department of Psychology	The International Journal of Indian Psychology	2018 - 2019	2349-3429
Enhancing food security through food subsidy: An economic analysis	Raj, T. (Anuradha)	University Business School	The IUP Journal of Business Strategy	2018 - 2019	0972-9259
Service dominant orientation in two-wheeler industry in India	Bedi, M. (Verma, A.)	University Business School	The IUP Journal of Business Strategy	2018 - 2019	0972-9259
The Impact of Market Orientation on the Performance of MSMEs: A Cross-Sectional Analysis of Manufacturing and Service Firms in India.	Purva Kansal & John Bansal	University Business School	The IUP Journal of Business Strategy	2018 - 2019	0972-9259
Modulation of dietary folate with age confers selective hepatocellular epigenetic imprints through DNA methylation.	Najar RA, Wani NA, Bhat JA, Dar NJ, Rahat B, Gupta AP, Kaur J, Kaur J, Hamid A	University Institute of Engineering & Technology	The Journal of Nutritional Biochemistry	2018 - 2019	18734847
Mitigating The Impact Of Covid-19 And Evaluating The Marketing Strategies For Fashion Apparels Using Data Science	Dr. Nidhi Gautam	University Institute of Applied Management Sciences	The Journal of Oriental Research Madras	2018 - 2019	0022-3301
Role of cholesterol homeostasis and its efflux pathways in cancer progression, Journal of Steroid Biochemistry and Molecular Biology.	Prof. Navneet Agnihori	Department of Biochemistry	The Journal of steroid biochemistry and molecular biology	2018 - 2019	0960-0760
Genetic algorithm based cost minimization pricing model for on-demand IaaS cloud service	Sahil Kansal, Harish Kumar, Sakshi Kaushal, and Arun Kumar Sangaiah	University Institute of Engineering & Technology	The Journal of Supercomputing	2018 - 2019	1573-0484
Conservation, management and utilization of orchid genetic resources	L. C. De and Promila Pathak	Department of Botany	The Journal of The Orchid Society of India	2018 - 2019	0971-5371
Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017	Dicker, D. Nguyen, G. Abate, D. Abate, K H. ...Krishan, & Murray, CJ L.	Department of Anthropology	The Lancet	2018 - 2019	0140-6736
Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017	James, S L. Abate, D. Abate ,K H. Abay,S M,... Krishan, K ...& Murray, CJL.	Department of Anthropology	The Lancet	2018 - 2019	0140-6736 ;
Alcohol use and burden for 195 countries and territories, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016	Griswold, M G. Fullman, N. Hawley, C... Krishan, K.... Naghavi, M. Murray, CJL&&& Gakidou, E.	Department of Anthropology	The Lancet,	2018 - 2019	0140-6736

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017,	Roth, G.A. Abate, D. Abate, K H. Abay, S M.... Krishan, K...& Murray, CJL.	Department of Anthropology	The Lancet, 392 (10159): 1736-1788	2018 - 2019	0140-6736
Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017	Kyu, H H. Abate, D. Abate ,K H. Abay, S M... Krishan, K...&& Murray, CJL.	Department of Anthropology	The Lancet, 392 (10159): 1859-1922	2018 - 2019	0140-6736
Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017	Lozano, R. Fullman, N. Abate, D. Abay, S M.... Krishan, K.... Lim, S S& Murray, CJL.	Department of Anthropology	The Lancet, 392 (10159): 2091-2138	2018 - 2019	0140-6736
Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017,	Stanaway ,JD. Afshin, A. Gakidou, E. Lim, S S. ...Krishan,... K & Murray, CJL.	Department of Anthropology	The Lancet, 392 (10159):1923-1994	2018 - 2019	0140-6736
Disposal of used goods by consumers: An examination of the literature	Bawa, A. (Kaur, M.)	University Business School	The Marketing Review	2018 - 2019	Vol. 18, Issue 1, pp. 71-95, ISSN 1472-1384
A Morphological Analysis of the Megaliths of Vidarbha	Sidhu, Paru Bal	Department of Ancient Indian History, Culture & Archaeology	The Mirror	2018 - 2019	2348-9596
Book Review: The Vitality of India: A Regional Perspective by Gopal Krishan, Rawat Publications, in Annals	Krishna Mohan	Department of Geography	The National Association of Geographers	2018 - 2019	0970-972X
Sensation seeking: A comparative study of para gliders and erafters	prof. Gurmeet Singh	Department of Physical Education	The online International Interdisciplinary Research Journal	2018 - 2019	2249-9598
STUDENT SATISFACTION AS DETERMINANT OF ACADEMIC SUCCESS OF DISTANCE LEARNERS: A STUDY ACROSS DISTANCE LEARNING COURSES	Mamta Garg	University School of Open Learning	The Online Journal of Distance Education and e-Learning	2018 - 2019	2147-6454

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To evaluate the severity, distribution of occlusal tooth wear and its correlation with bite force in young north indian adults-	Sunint Singh,	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	The Open Dentistry Journal	2018 - 2019	18742106
Nanocoutered lipid-based drug delivery strategies for crossing blood-brain barrier in neurodegenerative disorders.	Saini, S., Teenu, Jain, A., Kaur, R. & Singh, B.	University Institute of Pharmaceutical Sciences	The Pharma Review	2018 - 2019	2349-8242
The Plight of Mentally Ill Undertrial Prisoners: an Untold Misery	Dr. Shipra Gupta	Department of Laws	The Plight of Mentally Ill Undertrial Prisoners: an Untold Misery	2018 - 2019	0975-8208
Mapping of expectations and Experiences of the tourist staying at HPTDC Hotels	Dr Neeraj Aggarwal & Anil kumar	University Institute of Hotel and Tourism Management	tourism Innovation	2018 - 2019	2278-8379
Modeling of antipsychotic-induced metabolic alterations in mice: An experimental approach precluding psychosis as a predisposing factor.	Singh, R., Bansal, Y., Sodhi, R. K., Saroj, P., Medhi, B. & Kuhad, A.	University Institute of Pharmaceutical Sciences	Toxicol Appl Pharmacol.	2018 - 2019	0041-008X
Aspartic acid tagged carbon nanotubols as a tool to deliver docetaxel to breast cancer cells: Reduced hemotoxicity with improved cytotoxicity.	Thotakura, N., Sharma, S., Khurana, R. K., Babu, P. V., Chitkara, D., Kumar, V., Singh, B. & Raza, K.	University Institute of Pharmaceutical Sciences	Toxicology	2018 - 2019	0887-2333
Naringenin protects against oxido-inflammatory aberrations and altered tryptophan metabolism in olfactory bulbectomized-mice model of depression.	Bansal, Y., Singh, R., Saroj, P., Sodhi, R. K. & Kuhad, A.	University Institute of Pharmaceutical Sciences	Toxicology and Applied Pharmacology	2018 - 2019	0041-008X
Redox Modulatory Protective Effects of ω-3 Fatty Acids Rich Fish Oil Against Experimental Colitis	Sharma M, Kaur R, Kaushik K, Kaushal N	Department of Biophysics	Toxicology Mechanisms and Methods	2018 - 2019	ISSN 15376516
Comparative toxicity evaluation of graphene oxide (GO) and zinc oxide (ZnO) nanoparticles on Drosophila melanogaster.	Sood, K., Kaur, J., Singh, H., Arya, S. K., & Khatri, M.	University Institute of Engineering & Technology	Toxicology reports	2018 - 2019	2214-7500
Trends of chemometrics in bloodstain investigations	Vishal Sharma	Institute of Forensic Science & Criminology	TrAC Trends in Analytical Chemistry	2018 - 2019	0165-9936
Polylactide: Ring opening polymerization of lactide using Zinc (II) octoate as catalyst and optimization of reaction parameters	Achal Pathik, Sheetal Monga, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Trends in carbohydrate research	2018 - 2019	9750304
Bamboo: A rich source of antioxidants and its applications in the Food and Pharmaceutical industry	Nirmala C., Bisht M.S., Bajwa H.K. and Santosh O.	Department of Botany	Trends in Food Science and Technology	2018 - 2019	ISSN: 0924-2244
Wetlands: an imbroglio of interlinked carbon pools	Prof. M.C. Sidhu	Department of Botany	Tropical Ecology 59(3):383-395	2018 - 2019	NA

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Lung segmentation in chest radiographs using fully convolutional networks.	Rahul Hooda, Ajay Mittal, and Sanjeev Sofat	University Institute of Engineering & Technology	Turkish Journal of Electrical Engineering & Computer Sciences	2018 - 2019	1303-6203
A generalized information theory-based detection system for distributed denial of service attack and flash events	Krishan Kumar	University Institute of Engineering & Technology	TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, ELK-1706-340	2018 - 2019	1300-0632
Human rights violation by Armed Forces	Virender Negi	University Institute of Legal Studies	UILS law review	2018 - 2019	ISSN 2229-3906
Ultrasonication assisted fabrication of L-lysine functionalized gadolinium oxide nanoparticles and its biological acceptability	(Aashima, SK Pandey, S Singh, SK Mehta)	Department of Chemistry	Ultrasonics – Sonochemistry,	2018 - 2019	1350-4177
Probative Value of Dying Declaration: An Analysis,	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Uniresearch’- International Multidisciplinary	2018 - 2019	ISSN 2321-4953
Role of Judges in Mediation: A Significant Implication	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Uniresearch’-International Multidisciplinary,	2018 - 2019	ISSN 2321-4953
Effect of Copper Oxide Nano Particles Synthesised from Chemical Precipitation Method (Ex-situ) on the Mechanical Properties of Sansevieria Trifasciata Fiber Extracted from Sansevieria Trifasciata Plant	Dr Rita Kant	University Institute of Fashion Technology & Vocational Development	Universal Review	2018 - 2019	2277-2723
Bamboo shoots: An untapped source of Essential Nutrients and Bioactive compounds	Sharma V., Thounaojam P., Nirmala C., Bisht M.S.	Department of Botany	Universal Review	2018 - 2019	ISSN:2277-2723
Gulistan-e-Alfaaz-o-Ma'ani	Dr. Ali Abbas	Department of Urdu	Urdu Book Review	2018 - 2019	9719288
Nazir Akbarabadi ki Shayari Anasir	Dr. Ali Abbas	Department of Urdu	Urdu Book Review	2018 - 2019	9719288
Construction and standardization of motivation scale in mathematics.	Mehar, R.,& Sanwal, N.	University School of Open Learning	Utopia of Global Education,	2018 - 2019	E-ISSN: 2454-7387.
Synthesis , characterization and study of Ni-doped CdS nanoparticle for high voltage application	Kumar, Anil, Ramesh K.Sharma	University Centre of Instrumentation and Micro-Electronics	Vaccum	2018 - 2019	0042-207X
Ecofriendly synthesis of monodispersed silver nanoparticles using Andean Mortiño berry as reductant and its photocatalytic activity	Vishal Sharma	Institute of Forensic Science & Criminology	Vacuum	2018 - 2019	0042207X, 18792715
Electronic and magnetic structure investigation of vanadium doped ZnO nanostructure	Richa Bhardwaj, Jitendra Pal Singh, Keun Hwa Chae, Navdeep Goyal, Sanjeev Gautam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2018 - 2019	0042-207X

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Electronic and magnetic structure investigation of vanadium doped ZnO nanostructure, Vacuum, 158 (2018) 257-262; doi:10.1016/j.vacuum.2018.09.053	R. Bhardwaj, J.P. Singh, K.H. Chae, N. Goyal and S. Gautam	Department of Physics	Vacuum	2018 - 2019	0042-207X
Electronic excitation induced modifications in the ferroelectric polarization of BiFeO3 thin films, Vacuum	Ashish Ravalia, Bharat Kataria, Savan Katba, Sadaf Jethva, Megha Vagadia, K Asokan, Sanjeev Gautam,	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2018 - 2019	0042-207X
Electronic structure of Ln2O2Te (Ln=La, Sm and Gd) by X-ray absorption spectroscopy	Sanjeev Gautam, Keun Hwa Chae, Jaime Llanos, Octavio Peña, K Asokan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2018 - 2019	0042-207X
Energy loss straggling of α -particles in Tb, Ta and Au metallic foils	Vishal sharma	Institute of Forensic Science & Criminology	Vacuum	2018 - 2019	0042207X, 18792715
Fabrication of isotopic 127I target from potassium iodide for heavy ion nuclear reactions	SS Tiwary, HP Sharma, S Chakraborty, C Majumder, Gurjot Singh, D Mehta, S Kumar, SR Abhilash, D Kabi	Department of Physics	Vacuum	2018 - 2019	0042-207X
Fabrication of the gold (Au) backed T130e targets for in-beam gamma-ray spectroscopy	Suresh Kumar, SR Abhilash, GR Umapathy, D Kabiraj, D Mehta	Department of Physics	Vacuum	2018 - 2019	0042-207X
Green synthesis of agar/Gum Arabic based superabsorbent as an alternative for irrigation in agriculture	Vishal Sharma,Shweta Sharma	Institute of Forensic Science & Criminology	Vacuum	2018 - 2019	0042207X, 18792715
Green synthesized (Ocimum sanctum and Allium sativum) Ag-doped cobalt ferrite nanoparticles for antibacterial application	Palak Mahajan, Aashima Sharma, Baljeet Kaur, Navdeep Goyal, Sanjeev Gautam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2018 - 2019	0042-207X
High thermopower in (00l)-oriented nanocrystalline Bi-Sb-Te thin films produced by one-step thermal evaporation process	Singh, S., Singh, J. & Tripathi, S.K.	Department of Physics	Vacuum	2018 - 2019	0042-207X
Solvothermal assisted synthesis of CoSb3 phase evolution: Morphology and electrical study for thermoelectric applications	Kanika Upadhyay, Navdeep Goyal, Sanjeev Gautam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2018 - 2019	0042-207X
Synthesis and thermoluminescence studies of UV-C exposed Li4Ca (BO3) 2: Dy3+ phosphors	Vishal Sharma	Institute of Forensic Science & Criminology	Vacuum	2018 - 2019	0042207X, 18792715
Synthesis, characterization & study of Ni-doped CdS nanoparticle for high voltage application	Anil Kumar, Ramesh K Sharma, Navdeep Goyal, Sanjeev Gautam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2018 - 2019	0042-207X

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Synthesis, characterization and upconversion luminescence of core-shell nanocomposites NaYF4: Er/Yb@ SiO2@ Ag/Au	Vishal Sharma	Institute of Forensic Science & Criminology	Vacuum	2018 - 2019	0042207X, 18792715
Synthesis, structural and optical study of Ni-doped Metal –organic framework for adsorption based chemical sensor application, Vacuum, 158 (2018) 249-256; doi:10.106/j.vacuum.2018.09.019	A. Katoch, R. Bhardwaj, N. Goyal and S. Gautam,	Department of Physics	Vacuum	2018 - 2019	0169-4332
Synthesis, structural and optical study of Ni-doped Metal-organic framework for adsorption based chemical sensor application	Abhishek Katoch, Richa Bhardwaj, Navdeep Goyal, Sanjeev Gautam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Vacuum	2018 - 2019	0042-207X
ZrO2 nanoparticles: An industrially viable, efficient and recyclable catalyst for synthesis of pharmaceutically significant xanthene derivatives	Pratibha Bansal, Navneet Kaur, Chander Prakash, Ganga Ram Chaudhary	Department of Chemistry	Vacuum	2018 - 2019	0042-207X
Electroencephalography-Based Source Localization for Depression Using Standardized Low Resolution Brain Electromagnetic Tomography	Kaur C, Singh P, and Sahni S,	University Institute of Engineering & Technology	Variational Mode Decomposition Technique, European Neurology	2018 - 2019	1351-5101
Regenerative competence in root explants of medicinally important orchid cymbidium aloifolium: An in vitro study	Shivani verma and Promila Pathak	Department of Botany	Vegetos	2018 - 2019	0970-4078
On the spectroscopic investigation of Kohl stains via ATR-FTIR and multivariate analysis: Application in forensic trace evidence	Vishal Sharma	Institute of Forensic Science & Criminology	Vibrational Spectroscopy	2018 - 2019	0924-2031.
Democratic Decentralization in India	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Vidyawarta Journal	2018 - 2019	ISSN: 23199318
A SWOT Analysis of Human Resource Management Policies of HARCO Bank Ltd.	Ms. Priyanka & Prof. Keshav Malhotra	Department of Evening Studies	Vinayek Global Research Review	2018 - 2019	2349-4239
Integrating hedonic and eudemonic perspectives: Towards accomplishment of flourishing life	Malodia, L. (Vashisht, A.)	University Business School	Vinayek Global Research Review	2018 - 2019	Vol. 5, Issues 1 & 2, pp. 11-27
kabir samaj vichar aur achar darshan	Dr. Ashok Kumar	Department of Hindi	Vipasha	2018 - 2019	
Kabir Samaj, Vichar Aur Achar Darshan	Dr. Ashok Kumar	Department of Hindi	Vipasha	2018 - 2019	
The Effect of Perception of Complaint Management System on Purchase Intention: The Mediating Role of Cognitive Dissonance.	Chadha, S. K., Kansal, Purva, & Goel, S.	University Business School	Vision	2018 - 2019	0972-2629
The Effect of Perception of Complaint Management System on Purchase Intention: The Mediating Role of Perceived Value	Chadha SK, Kansal Purva, Goel S.	University Business School	Vision: The Journal of Business Perspective	2018 - 2019	09722629, 22495304

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Identifying the Key Information and LandManagement Plans for Water Conservation underDry Weather Conditions in the Border Areas of theSyr Darya River in Kazakhstan	Yegemova, Saltanat ; Kumar, Rajeev ; Abuduwalli, Jilili ; Ma, Long ; et al.	Department of Environment Studies	Water	2018 - 2019	2073-4441
Carbon Sequestration Potential of Macrophytes and Seasonal Carbon Input Assessment into the Hokersar Wetland, Kashmir	Prof. M.C. Sidhu	Department of Botany	Wetlands	2018 - 2019	0277-5212
Concatenated LDPC-TCM Codes for Better Performance of OFDM-FSO System Using Gamma–Gamma Fading Model	Ritu Gupta, Tara Kamal Singh, Preeti Singh	University Institute of Engineering & Technology	Wirel. Pers. Commun	2018 - 2019	0929-6212
Link Estimation of Different Indian Cities Under Fog Weather Conditions.	Ghalot, R., Madhu, C., Kaur,G. et al.	University Institute of Engineering & Technology	Wireless Pers Commun	2018 - 2019	0929-6212
A Comprehensive Survey of Visible Light Communication: Potential and Challenges	Sanjeev Kumar, Preeti Singh	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	1357–1375
An Efficient variant of fully-convolutional network for segmenting lung fields from chest radiographs	Dr. Ajay Mittal	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	1559–1579
Comparative Analysis of ICI Self Cancellation Techniques for Wavelet OFDM Under Different Channels in Simulink	Navdeep Kaur and Naresh Kumar	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	1572-834X
Concatenated LDPC-TCM Codes for Better Performance of OFDM-FSO System Using Gamma – Gamma Fading Model	R. Gupta	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	2247–2260
Hybrid Dispersion Compensating Modules : A Better Solution for Mitigating Four Wave Mixing Effects	M. Ajmani, P. Singh, and P. Kaur	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	1572834X, 09296212
Impact of Variable Packet Length on the Performance of Heterogeneous Multimedia Wireless Sensor Networks	Dutt Suniti	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	1572834X, 09296212
LF-SegNet: A fully convolutional encoder-decoder network for segmenting lung fields from chest radiographs	Dr. Ajay Mittal	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	1572834X, 09296212
Link Estimation of Different Indian Cities Under Fog Weather	R. Ghalot	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	1572834X, 09296212
Link Estimation of Different Indian Cities Under Fog Weather Conditions	Robin Ghalot, Charu Madhu, Gurpreet Kaur & Preeti Singh	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	0929-6212
Recent Advances in MAC Protocols for the Energy Harvesting Based WSN: A Comprehensive Review	Pardeep Kaur, B. S. Sohi, and Preeti Singh	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	0929-6212

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Scalable and Robust ANN Based Cooperative Spectrum Sensing for Cognitive Radio Networks	Jaglan	University Institute of Engineering & Technology	Wireless Personal Communications	2018 - 2019	0929-6212
Assessing, Learning and Acting: Cultural Practice, Ecological Change and Risk	Ghosh, A & Ghosh, Sharmila	Department of Anthropology	World Focus	2018 - 2019	2230-8458.
Sustainable Agriculture and Environment in Punjab	Ghosh, A & Kaur, Amandeep .	Department of Anthropology	World Focus	2018 - 2019	2230-8458 (Print)
Effectiveness of Azithromycin As An Adjunct To Scaling And Root Planing In The Management Of Chronic Periodontitis In Smokers. World	Dr Vishakha Grover,	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	World Journal of Advanced Scientific Research	2018 - 2019	
Methodology for Stress Measurement by Transparent Dental Aligners using Strain Gauge	Dr. Prashant Jindal	University Institute of Engineering & Technology	World Journal of Dentistry	2018 - 2019	09766006, 09766014
Effect of radical and social constructive learning approaches on motivation in mathematics in relation to attitude towards mathematics.	Mehar, R.,& Sanwal, N.	University School of Open Learning	Zenith International Journal of Multidisciplinary Research	2018 - 2019	E-ISSN: 2231-5780.
Public-Priv Partnership as a Best Practice in Maintaining the Public Toilets in India	Dr. Monica Munjial Singh, Sanjeev Kumar	Centre for Social Work	ZENTH International Journal of Multidisciplinary Research	2018 - 2019	2231-5780
Self-assembled organic nanoparticles of benzimidazole analogue exhibit enhanced uptake in 3D tumor spheroids and oxidative stress induced cytotoxicity in breast cancer	Dhanwal, V., Katoch, A., Singh, A., Chakraborty, S., Faheem, M.M., Kaur, G., Nayak, D., Singh, N., G	Department of Chemistry		2018 - 2019	0928-4931
Mechanical Characterization of hybrid aluminium composite -a review	Amandeep Singh Wadhwa	University Institute of Engineering & Technology		2018 - 2019	
Problems of the Aged Populations in Social Gerontological Perspective (2018)	Mehta, Rani	Department of Sociology		2018 - 2019	
The Interconnectedness Between Fragile Environment Health Risks and Population Problems (2019)	Mehta, Rani	Department of Sociology		2018 - 2019	
Effects of drought, heat and their interaction on the growth, yield, and photosynthetic function of lentil (Lens culinarisMedikus) genotypes varying in heat and drought sensitivity.	Prof. Harsh Nayyar	Department of Botany	Frontiers in Plant Science	2017 - 2018	ISSN: 1664-462X
Concentrating and Nonconcentrating Slurry and Fixed-Bed Solar Reactors for the Degradation of Herbicide Isoproturon	Verma, A., Tejo Prakash, N., Toor, A. P., Bansal, P., Sangal, V. K., & Kumar, A.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Solar Energy Engineering	2017 - 2018	0375-9865
Charged-particle multiplicities in proton–proton collisions at $\sqrt{s} = 0.9$ to 8 TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	11 SEP 2017 Eur.Phys.J. C77 (2017) no.1, 33.	2017 - 2018	14346052

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Energy dependence of J/ψ production in Au+Au collisions at $\sqrt{s_{NN}} = 39, 62.4$ and 200 GeV By STAR Collaboration (L. Adamczyk et al.).	Kumar, L. (STAR Collaboration)	Department of Physics	Phys.Lett. B771 (2017) 13-20.	2017 - 2018	2179849
Longitudinal double-spin asymmetries for dijet production at intermediate pseudorapidity in polarized pp collisions at $\sqrt{s} = 200$ GeV	Kumar, L. (STAR Collaboration)	Department of Physics	Phys.Rev. D98 (2018) no.3, 032011.	2017 - 2018	24700010
Longitudinal Double-Spin Asymmetries for π^0 s in the Forward Direction for 510 GeV Polarized pp Collisions	Kumar, L. (STAR Collaboration)	Department of Physics	Phys.Rev. D98 (2018) no.3, 032013.	2017 - 2018	24700010
Dijet imbalance measurements in $Au+Au$ and pp collisions at $\sqrt{s_{NN}} = 200$ GeV at STAR	Kumar, L. (STAR Collaboration)	Department of Physics	Phys.Rev.Lett. 119 (2017) no.6, 062301.	2017 - 2018	14346052
Parvasi Punjabi Kavita: Sabhayacharak Avchtan	Dr. Parveen Kumar	University School of Open Learning	(Manga Basi De Sandharb Ch)	2017 - 2018	
Mass Surveillance Programs and Right to Privacy in India, Rajiv Gandhi National University of Law Centre for Advanced Studies in Human Rights	Prof. Nishtha Jaswal	Department of Laws	(RGNUL CASIHR) Journal on Human Rights Practice	2017 - 2018	2581-4834
Somatotype Variations among Adolescent Boys and Girls of Nahan Area of Himachal Pradesh	Gaur, Rajan, Kaur, Gurjinder, Amandeep; Amandeep & Mahiwal, Shweta	Department of Anthropology	. Indian Journal of Physical Anthropology and Human Genetics.36 (2): 161-170	2017 - 2018	0378-8156
An embedded 3(2) pair of nonlinear methods for solving first order initial-value ordinary differential systems. Numer. Algorithms	Saurabh bhatia	University Institute of Engineering & Technology	. Numer. Algorithms 75 (2017)	2017 - 2018	3.041
Sufactant Coated Silica Nanoparticles as Smart Scavengers for Adsorptive Removal of Naphthalene	Savita Chaudhary, Priyanka Sharma, A. Kaur, Rajeev Kumar. S. K. Mehta	Department of Chemistry	.J. Nanoscience and Nanotechnology (2018) 18)	2017 - 2018	ISSN: 1533-4880
Metatags and Keywords: Trademark Infringement In Virtual World	Prof. Rajinder Kaur	University Institute of Legal Studies	“Metatags and Keywords: Trademark Infringement In Virtual World	2017 - 2018	2231-4938
Socio-economic, Health and Working Conditions of Child Beedi Rollers in Beedi Industry, Journal of Social Science Studies, Vol. 5, No. 1, (2018) pp. 239-247.	Sabbarwal, S., Singh, Monica Munjial & Amiri, Mohamma	Department of Sociology	“Socio-economic, Health and Working Conditions of Child Beedi Rollers in Beedi Industry, Journal of Social Science Studies, Vol. 5, No. 1, (2018) pp. 239-247.	2017 - 2018	5

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SVM based Online Signature Verification Technique using Reference Feature Vector,	S Rohilla and Anuj Sharma	Department of Computer Science & Applications	"SVM based Online Signature Verification Technique using Reference Feature Vector, Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, vol. 87, no. 1, pp. 125-136	2017 - 2018	ISSN: 0369-8203
A Novel Approach for Sentiment Analysis of Punjabi Text using SVM	Amandeep Kaur and Vishal Gupta	University Institute of Engineering & Technology	2017International Arab Journal of Information Technology 14(5):707-712	2017 - 2018	1683-3198
Plant Disease Detection and Classification using Image Processing: A Review	Priyanka Thakur, Preeti Aggarwal, Mamta Juneja	University Institute of Engineering & Technology	2019 2nd International Conference on Applied Engineering (ICAE)	2017 - 2018	15505499
An alkaline bacterial laccase for polymerization of natural precursors for hair dye synthesis 3 Biotech (2018): 8:182	Kumar D, Kumar A, Sondhi S, Sharma P, Gupta N (2018)	Department of Microbiology	3 Biotech	2017 - 2018	2190-5738
Deliberations on Religion fundamentalism and Modernity in the context of Clashes in /of Identities	Jaiswal, Rajesh Kumar	University School of Open Learning	A Bi-annual Refereed Journal of Language, Literature & Culture	2017 - 2018	2395-0889
Does Foreign Direct Investment Spillover Total Factor Productivity Growth? A Study of Indian Drugs and Pharmaceutical Industry. Benchmarking: An International Journal	Arora, N. and Lohani, P	Department of Economics	A Journal of Emeraldinsight 24 (7): 1937-1955	2017 - 2018	ISSN: 1463-5771
Microencapsulation of β -carotene based on Casein/Guar gum blend using zeta potential-yield stress phenomenon: An approach to enhance photo-stability and retention of functionality	D. Thakur, G. Ghoshal, A. Jain, U.S. Shivhare, O.P. Katare.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	AAPS PharmSciTech	2017 - 2018	1530-9932
Biocompatible phospholipid-based mixed micelles for tamoxifen delivery: Promising evidences from in-vitro anticancer activity and dermatokinetic studies.	Kumar, P., Kumar, R., Singh, B., Malik, R., Sharma, G., Chitkara, D., Katare, O.P. & Raza, K.	University Institute of Pharmaceutical Sciences	AAPS PharmSciTech.	2017 - 2018	1530-9932
Fullerenol-based intracellular delivery of methotrexate: a water-soluble nanoconjugate for enhanced cytotoxicity	Bahuguna, S., Kumar, M., Sharma, G., Kumar, R., Singh, B. & Raza, K.	University Institute of Pharmaceutical Sciences	AAPS PharmSciTech.	2017 - 2018	1530-9932
Effect of web based instructional strategy on achievement in computer science in relation to internet self-efficacy.	Mehar, R., & Kaur, A.	University School of Open Learning	Aayushi International Interdisciplinary Research Journal	2017 - 2018	ISSN 2349-638X

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Psychological Influences on Gandhi’s Perception of Non-violence	Dr. Manish Sharma	Department of Gandhian and Peace Studies	Academe Journal of Education & Psychology	2017 - 2018	2249-040X
Internet use in relation to gender and perceived social support with different level of internet self effiacy	Mehra, V. & Kaur,S.	Department of Education	ACADEMIC SPORTS SCHOLARS	2017 - 2018	2277-3665
Education for children with Special needs: An Inclusive Approach	Dr. Ashwani sharma	Department of Community Education & Disability Studies	Achieving Sustainable Development Goals: Opportunities, Challenges and Strategies	2017 - 2018	Na
A Novel Green Biomimetic Approach for Preparation of Highly Stable Au-ZnO Heterojunctions with Enhanced Photocatalytic Activity	Shweta Sharma	Institute of Forensic Science & Criminology	ACS Applied Nano Materials	2017 - 2018	2574-0970
Lysine-based C60-fullerene nanoconjugates for monomethyl fumarate delivery: A novel nanomedicine for brain cancer cells.?	Kumar, M., Sharma, G., Kumar, R., Singh, B., Katare, O.P. & Raza, K.	University Institute of Pharmaceutical Sciences	ACS Biomaterials Science & Engineering.	2017 - 2018	23739878
Myricetin reduces toxic level of cag repeats rna in Huntington’s Disease (HD) and Spino Cerebellar Ataxia (SCAs).	Prof. Rajat Sandhir	Department of Biochemistry	ACS Chemical Biology	2017 - 2018	ISSN: 1554-8937 (Electronic) 1554-8929 (Print) 1554-8929 (Linking)
Studies on 16,17-pyrazoline substituted heterosteroids as anti-Alzheimer and anti-Parkinsonian agents using LPS induced neuroinflammation models of mice and rats	Ranjit Singh, Sridhar Thota and Ranju Bansal	University Institute of Pharmaceutical Sciences	ACS Chemical Neuroscience	2017 - 2018	1948-7193
Vitamin-derived nanolipoidal carriers for brain delivery of dimethyl fumarate: a novel approach with preclinical evidence.	Kumar, P., Sharma,	University Institute of Pharmaceutical Sciences	ACS Chemical Neuroscience	2017 - 2018	1948-7193
Investigations on 16-arylideno steroids as a new class of neuroprotective agents for the treatment of Alzheimer?s and Parkinson?s diseases.	Ranjit Singh and Ranju Bansal	University Institute of Pharmaceutical Sciences	ACS Chemical Neuroscience,	2017 - 2018	1948-7193
Synthesis and Evaluation of Antiplasmodial Efficacy of β-Carboline Derivatives against Murine Malaria	Gorki, Varun; Singh, Rahul; Walter, Neha Sylvia; Bagai, Upma; Salunke, Deepak B	Department of Chemistry	ACS Omega	2017 - 2018	2470-1343

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Ionic Liquid-Coated Carbon Nanotubes as Efficient Metal-Free Catalysts for the Synthesis of Chromene Derivatives	Mayank, Kaur Billing, B., Agnihotri, P.K., Kaur, N., Singh, N., Jang, D.O.	Department of Chemistry	ACS Sustainable Chemistry and Engineering	2017 - 2018	2168-0485
Benzimidazole-Based Imine-Linked Copper Complexes in Food Safety: Selective Detection of Cyproheptadine and Thiabendazole	Kaur, M., Raj, P., Singh, N., Kuwar, A., Kaur, N.	Department of Chemistry	ACS Sustainable Chemistry and Engineering, 2018, 6, 3723	2017 - 2018	2168-0485
Investigating Prolate-Oblate Shape inversion in Pt Nuclei Near A – 188	S.K.Chamoli, A.Rohilla, C.K.Gupta, R.P.Singh, S.Muralithar, S.Chakraborty, H.P.Sharma, A.Kumar,et al	Department of Physics	Acta Phys.Pol. B48, 337 (2017)	2017 - 2018	5874254
Influence of Positive Q-value Neutron Transfer Coupling on Fusion Enhancement in 28 Si+ 154 Sm Reaction	G.Kaur , B.R.Behera , A.Jhingan , R.Dubey , M.Thakur , P.Sharma , R.Mahajan , ashok kumar et al.	Department of Physics	Acta Phys.Pol. B48, 619 (2017)	2017 - 2018	5874254
Alterations in photosynthetic pigments, protein, and carbohydrate metabolism in a wild plant <i>Coronopus didymus</i> L. (Brassicaceae) under lead stress	Singh G P S, Singh, H.P., Batish, D R, Kohli, R.K.	Department of Environment Studies	Acta Physiol Plant	2017 - 2018	1861-1664
Phytotoxicity and weed management potential of leaf extracts of <i>Callistemon viminalis</i> against the weeds of rice	Bali,A.S., Batish, D.R., Singh, H.P., Kaur, S., Kohli, R.K.	Department of Botany	Acta Physiologia e Plantarum; 39 (1), art. no. 25, .	2017 - 2018	
Phytotoxicity and weed management potential of leaf extracts of <i>Callistemon viminalis</i> against the weeds of rice <i>Acta Physiologiae Plantarum</i>	Bali, Shreeya Aditi, Singh, H. P., Batish, D. R. and Kohli, R. K.	Department of Botany	Acta Physiologia e Plantarum; 39 (1), art. no. 25, .	2017 - 2018	1375881
Phytotoxicity and weed management potential of leaf extracts of <i>Callistemon viminalis</i> against the weeds of rice	Bali, A.S, Batish D R, Singh, H.P., Kohli, R.K. & Kaur, S	Department of Environment Studies	Acta Physiologiae Plantarum	2017 - 2018	1861-1664
Temperature sensitivity of food legumes: a physiological insight.	Prof. Harsh Nayyar	Department of Botany	Acta Physiologiae Plantarum	2017 - 2018	ISSN: 18611664,013 75881
Characterization and Predictive QSAR Analysis of Azasteroids as Five Alpha Reductase Inhibitors.	Richa, Meenakshi Sharma, Monika, Renu Chadha and Neelima Dhingra*	University Institute of Pharmaceutical Sciences	Acta Scientific Pharmaceutical Sciences	2017 - 2018	2581-5423
Pyrazolic Chalcone Derivatives Targeting Cyclin Dependant Kinase: In-Silico Molecular Docking, ADME and Druglikeness Studies	Vikas Mehta, Monika, Akanksha, Richa, Renu Chadha and Neelima Dhingra*	University Institute of Pharmaceutical Sciences	Acta Scientifica Pharmaceutical Sciences	2017 - 2018	2581-5423

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Exploring the Changing Nature of Crimes in campus of Higher Education: A Challenge for Criminal Justice System	Dr. Supinder Kaur and Dr. Anil Kumar Thakur	Department of Laws	Ad Valorem – Journal of Law,Vol-5, Issues-2	2017 - 2018	2348-5485
Need to Sense PCPNDT ACT, 1994:Questions and Myth	Rajni	University School of Open Learning	AD VALOREM JOURNAL OF LAW	2017 - 2018	2348-5485
The Evil Practice of Dowry in India	Dr. A Kumar	University School of Open Learning	AD VALOREM Journal of Law	2017 - 2018	2348-5485
Accuracy in dental surgical guide fabrication using different 3-D printing techniques	M. Juneja, N. Thakur, D. Kumar, A. Gupta, B. Bajwa, and P. Jindal	University Institute of Engineering & Technology	Additive Manufacturing	2017 - 2018	2214-8604
Network Analysis of Obesity Expression Data, Adiposity - Epidemiology and Treatment Modalities, Prof. Jan Gordeladze (Ed.), InTech, DOI: 10.5772/65292. Available from: https://www.intechopen.com/books/adiposity-epidemiology-and-treatment-modalities/network-analysis-of-obesity-expression-data	Dr. Ashok Kumar	Centre for System Biology & Bioinformatics	Adiposity	2017 - 2018	DOI: 10.5772/65292
Regioselective Synthesis of Angular Isocoumarinselenazoles: A Benzosenazole-directed, Site-specific, Ruthenium-catalyzed C(sp ²)-H Activation	Dhole, Sandip; Liao, Jen-Yu; Kumar, Sunil; Salunke, Deepak B.; Sun, Chung-Ming	Department of Chemistry	Advance Synthesis and Catalysis	2017 - 2018	1615-4150
Application Of Nano Fluid And Impact Of Cutting Forces In The Milling Of Aluminium and Aluminium Based Metal Matrix Composites	Dr. Harminder Singh Bains	P.U. S.S. Giri Regional Centre, Hoshiarpur	Advanced Materials Manufacturing and Characterization UGC REF. 63089	2017 - 2018	----
Functionalized core-shell nanostructures with inherent magnetic character: Outperforming candidates for the activation of PMS	Ankita Goel, Rajat Sharma, Vinod Kumar, Sandeep Bansal and Sonal Singhal	Department of Chemistry	Advanced Powder Technology	2017 - 2018	0921-8831
Aspects of Machine Learning in Cognitive Radio Networks	Dr. Roopali Garg	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2017 - 2018	978-981-10-6874-4
Prediction of Students Performance of an Institute Using ClassificationViaClustering and ClassificationViaRegression	Dr. Roopali Garg	University Institute of Engineering & Technology	Advances in Intelligent Systems and Computing	2017 - 2018	978-981-10-2749-9
Superoxide dismutases in bread wheat (Triticum aestivum L.): Comprehensive characterization and expression analysis during development and, biotic and abiotic stresses	Dr. S.K. Upadhyay	Department of Botany	Agri Gene	2017 - 2018	2352-2151

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Capacitance–voltage characterization of Al/Al ₂ O ₃ /PVA-PbSe MIS diode	Mamta Sharma	University Institute of Engineering & Technology	AIP Conference Proceedings	2017 - 2018	ISBN: 978-0-7354-1976-6
Enhanced diode characteristics of organic solar cell with silanized fluorine doped tin oxide electrode	Sheenam Sachdeva, Sameeksha Sharma, Devinder Singh, S. K. Tripathi	Department of Physics	AIP Conference Proceedings	2017 - 2018	1551-7616
Strain and Ni substitution induced ferromagnetism in LaCoO ₃ thin films	Ashok Kumar, Vinod Kumar, Rajesh Kumar, Ravi Kumar	Department of Physics	AIP Conference Proceedings	2017 - 2018	1551-7616
Study the structural and optical behaviour of polyaniline/ZrO ₂ nanocomposites	Gaganpreet Kaur Sidhu, Naresh Kumar, Rajesh Kumar	Department of Physics	AIP Conference Proceedings	2017 - 2018	1551-7616
Voice Recognition Through Phonetic Features With Punjabi Utterances, Recent Advances in Fundamental and Applied Sciences	VISHAL SHARMA	Institute of Forensic Science & Criminology	AIP Conference Proceedings	2017 - 2018	0094-243X (print) 1551-7616 (web)
Study of nuclear fusion-fission dynamics in ¹⁶ O+ ¹⁹⁴ Pt reaction	K. Kapoor, S. Verma, P. Sharma, R. Mahajan, N. Kaur, G. Kaur, B. R. Behera, K. P. Singh, A. Kumar et	Department of Physics	AIP Conference Proceedings 1852, 080005 (2017); doi: 10.1063/1.4984879	2017 - 2018	xx
Study of chemical shift in L _I and L _{II} X-ray emission lines for different compounds of ⁴⁸ Cd and ⁵⁰ Sn using WDXRF technique, , X-ray spectrometry, 47 (2) (2018) 116-126	Harpreet Singh Kainth, Ranjit Singh, J. S. Shahi and Tejbir Singh	Department of Physics	AIP Conference Proceedings 1953, 140028 (2018)	2017 - 2018	15517616
in Matrimonial Disputes: A guide Map to Save Marriages – An Appraisal	Dr. Supinder Kaur & Dr. Anil K. Thakur	Department of Laws	AIRO International Research Journal, vol X	2017 - 2018	2320-3714
Modern playwrights and Samuel Bckett's Trace of Lost Self in Drama	Dr. Navdeep Kaur	Department of Indian Theatre	AJANTA	2017 - 2018	2277-5730
Maryada Di Ramkar To Bahar khari Naari	Prof. Sukhdev Singh	School of Punjabi Studies	Alochna	2017 - 2018	0569-1184
Jonckheere type test procedure with optimal criterion under order restrictions	Narinder Kumar and M. Goyal	Department of Statistics	American Journal of Mathematical and Management Sciences	2017 - 2018	0196-6324
8. Mental Health of Teacher Trainers of Mewat District (Haryana): A Case Study	Dalel Singh&Dr. Navleen Kaur	Department of Community Education & Disability Studies	An International Journal of Research and Analytical Reviews,	2017 - 2018	2349-5138
A voltammetric method for Fe(III) in blood serum using a screen-printed electrode modified with a Schiff base ionophore	Mittal, S.K., Rana, S., Kaur, N., Banks, C.E.	Department of Chemistry	Analyst, 2018, 143, 2851	2017 - 2018	1364-5528
Morphologically Different Boron Nitride Nanomaterials as Efficient Antibiotic Carriers: Adsorption Isotherm and Kinetics Appraisal	Preeti Singla, Sarita Yadav, Neetu Goel and Sonal Singhal	Department of Chemistry	Analytical chemistry letters	2017 - 2018	2229-7928

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Nobel Nominations in Science: Constraints of the Fairer Sex, Annals of Neurosciences, Ann Neurosci 25:63-78. (2018) (Co-Author)	Prof. Rajesh Gill	Department of Sociology	Ann Neurosci 2018;25:63–78	2017 - 2018	9763260
Therapeutic management of benign prostate hyperplasia: From synthetics to naturals	Jena, A.K., Vasisht, K. and Karan, M.	University Institute of Pharmaceutical Sciences	Ann. Res. Rev. Biol	2017 - 2018	978877482
Additional trilobite fauna from the basal part of the Cambrian Series 3, Stage 5, Kunzam La (=Parahio) Formation, Parahio Valley, Spiti (Northwest Himalaya), India and its biostratigraphic significance	Singh, B.P., Bhargava, O.N., Negi, R.S., Zhao, Y-L., Yin, L-M., Sharma, C. A.,	Department of Geology	Annales de Paleontologie	2017 - 2018	0753-3969
Phenological behaviour of Parthenium hysterophorus in response to climatic variations according to the extended BBCH scale	A Kaur, D R Batish, S Kaur H P Singh, Kohli, R.K.	Department of Environment Studies	Annals of Applied Biology	2017 - 2018	1744-7348
Phenological behaviour of Parthenium hysterophorusin response to climatic variations according to the extended BBCH scale	Kaur,A., Batish, D.R., Kaur, S., Singh, H.P., Kohli, R.K.	Department of Botany	Annals of Applied Biology; 171 (3), pp. 316- 326.	2017 - 2018	SSN 0003-4746
Microbial Sperm Immobilization Factor from Pseudomonas aeruginosa as a Contraceptive Agent: An Experimental Study	Sanjeevani Negi, Harpreet Vander, Aditi Chauhan, Kalpana Rana and Vijay Prabha	Department of Microbiology	Annals of Infertility & Reproductive Endocrinology	2017 - 2018	2638-356X
Chirped self-similar waves for quadratic–cubic nonlinear Schrödinger equation	Ritu Pal, Shally Loomba, C.N.Kumar	Department of Physics	ANNALS OF PHYSICS	2017 - 2018	0003-4916 / 1096-035X
Harnessing of local plant species by indigenous people of Hamirpur district for ethno-veterinary purposes	Bhatti R.C., Nirmala C., Kaur A., Singh S., Kumar P., Kaur R. and Singh A.N.	Department of Botany	Annals of Plant Sciences	2017 - 2018	ISSN: 2287-688X
Impact of custom hiring in profitability of small and marginal farmers: A case study of Punjab region	Suri, G.	University Business School	Ansal University Business Review	2017 - 2018	0974-7621
Comparative study of chronic energy deficiency among adult males of Andaman and Nicobar Islands and their counterparts.	Sahani, R., Gautam, R.K, Golnabi,A.H., & Vedwan, N	Department of Anthropology	Anthropological Review	2017 - 2018	18986773, 20834594
Body Composition, blood pressure and dietary intake of adult males and females of Bhil tribe of district Udaipur, Rajasthan, India.	Kaur, Maninder & Kaur, Raminder	Department of Anthropology	Anthropologie - International Journal of Human Diversity and Evolution. 56(1):11-20.	2017 - 2018	2570-9127
Sesamol induces apoptosis by altering expression of bcl-2 and bax proteins and modifies skin tumor development in Balb/c mice.	Bhardwaj, R., Sanyal, S. N., Vajphei, K., Kakkar, V., & Deol, P. K., Kaur, I. P. , Kaur, T	University Institute of Pharmaceutical Sciences	Anticancer Agents in Medicinal Chemistry	2017 - 2018	18715206

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Azithromycin-Ciprofloxacin Impregnated Urinary Catheters Avert Bacterial Colonization, Biofilm Formation and Inflammation in a Murine Model of Foreign-Body Associated Urinary Tract Infections Caused by <i>Pseudomonas aeruginosa</i> .	Saini H, Vadekeetil A, Chhibber S, Harjai K.	Department of Microbiology	Antimicrobial Agents and Chemotherapy	2017 - 2018	0066-4804
Rhl quorum sensing affects the virulence potential of <i>Pseudomonas aeruginosa</i> in an experimental urinary tract infection.	Gupta R.K., Harjai K. and Chhibber S.	Department of Microbiology	Antonie van Leeuwenhoek	2017 - 2018	36072
Globalisation, Culture and Identity: Some Reflections,	Dr. shivani Sharma	Department of Philosophy	Anushilan, BHU, Varanasi	2017 - 2018	2348-5396
Bera Betta, Akhri Hafta (Story by Ludmila Ulitskaya)	Prof. Pankaj Malviya	Department of Russian	Anuvad	2017 - 2018	0003-6218
BBBCO and fuzzy entropy based modified background subtraction algorithm for object detection in videos	Manisha Kaushal and Baljit Singh Khehra	University Institute of Engineering & Technology	Appl Intell (2017) 47:1008–1021	2017 - 2018	0924669X, 15737497
Subjective Evaluation: A Comparison of Several Statistical Techniques	Himani Mittal and M Syamala Devi	Department of Computer Science & Applications	APPLIED ARTIFICIAL INTELLIGENCE 2018, VOL. 32, NO. 1, pp. 85-95	2017 - 2018	#####
Stability of temperature modulated convection in a vertical fluid layer	Renu Bajaj	Department of Mathematics	Applied Mathematical Modelling	2017 - 2018	0307-904X
Bacteriocins: Perspective for the development of novel anticancer drugs	Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Applied Microbiology and Biotechnology	2017 - 2018	0175-7598 (print) 1432-0614 (web)
A biomimetic synthesis of stable gold nanoparticles derived from aqueous extract of <i>Foeniculum vulgare</i> seeds and evaluation of their catalytic activity	Shweta Sharma	Institute of Forensic Science & Criminology	Applied Nanoscience	2017 - 2018	2190-5517
Synthesis and pH-dependent assembly of isotropic and anisotropic gold nanoparticles functionalized with hydroxyl-bearing amino acids	Anuradha Swami, Sherry Mittal, Adity Chopra, Rohit K. Sharma and Nishima Wangoo	Department of Chemistry	Applied Nanoscience	2017 - 2018	2190-5509
Tracking multi-walled carbon nanotubes inside oat (<i>Avena sativa</i> L.) plants and assessing their effect on growth, yield, and mammalian (human) cell viability	Anjali Joshi, Simranjeet Kaur, Pargat Singh, Keya Dharamvir, Harsh Nayyar, Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Applied Nanoscience	2017 - 2018	2190-5517
Oxido-peroxido W(VI)-histidine–MgAl-layered double hydroxide composite as an efficient catalyst in sulfide oxidation	Mohammad Nikkhoo, Mojtaba Amini, S Morteza, F Farnia, Arshad Bayrami, Mojtaba Bagherzadeh, Sanjeev G	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Applied Organo Metallic Chemistry	2017 - 2018	1099-0739

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An expedient ‘click’ approach for the synthetic evaluation of ester-triazole-tethered organosilica conjugates	Gurjaspreet singh	Department of Chemistry	applied organometallic chemistry	2017 - 2018	1099-0739
Measurement of large angle Rayleigh scattering cross sections for 39.5, 40.1 and 45.4 keV photons in elements with $26 \leq Z \leq 83$ Appl. Phys. Isot. 128 (2017) 125-131	Arun Upmanyu, Gurjot Singh, Heena Duggal, H. S. Kainth, Atul Bhalla and Sanjeev Kumar	Department of Physics	Applied Radiation and Isotopes 128 (2017) 125–131	2017 - 2018	9698043
The Utility Based Non-Linear Fuzzy AHP Optimization Model for Network Selection in Heterogeneous Wireless Networks	Raman Kumar Goyal, Sakshi Kaushal	University Institute of Engineering & Technology	Applied Soft Computing Volume 67, June 2018, Pages 800-811	2017 - 2018	15684946
Surfactant mediated interaction of Vancomycin with Silver Nanoparticles	Amritpal Kaur, Divya Goyal, R Kumar	Department of Physics	Applied Surface Science 449, 23-30	2017 - 2018	0169-4332
Unsymmetrically urea silatranes: Synthesis, characterization and a selective on–off fluorescence response to acetate anion	Gurjaspreet Singh, Amandeep Saroa, Sunita Rani, Promila, Duane Choquesillo-Lazarte, Subash Chandra Sahoo	Department of Chemistry	Arabian Journal of Chemistry 2017, 10, 523–531	2017 - 2018	1878-5352
Quercetin along with piperine prevent cognitive dysfunction, oxidative stress and neuro-inflammation associated with mouse model of chronic unpredictable stress.	Puneet Rinwa and ANIL KUMAR	University Institute of Pharmaceutical Sciences	Arch. Pharm. Res.	2017 - 2018	0253-6269, 1976-3786
Quiet zone for the patient in an ambulance: Active noise control technology for siren noise reduction	Sharma, M.K., Vig, R., Pal, R., Shantharam, V.	University Institute of Engineering & Technology	Archives of Acoustics	2017 - 2018	0137-5075
Effect of Dickkopf1 on the senescence of melanocytes: in vitro study	S Rani, R Chauhan, D Parsad and R Kumar	Department of Zoology	Archives of Dermatological Research	2017 - 2018	0340-3696
Understanding the Misuse of Article 356 in Uttarakhand	Dr. Pushpinder Kaur,	University Institute of Legal Studies	Army Institute of law Journal	2017 - 2018	0975-8208
Good Death Will a Terminally Ill Patients Yearning be ever Gratified in India	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Army Institute of Law Journal	2017 - 2018	0975-8208
Sanitation in India : A neglected Issue	Dr Amita verma	University Institute of Legal Studies	Army Institute of law Journal	2017 - 2018	9758208
Efficacy of Narcoanalysis in Investigation: An Analysis with Special Reference to Indian Criminal Justice System	Rattan Singh	University Institute of Legal Studies	Army Institute of Law Journal, Mohali	2017 - 2018	ISSN 0975-8208
Transnational Corporations vis-à-vis Environmental Issues: Role of NGO’s	Dr. Dinesh Kumar	Department of Laws	Army Institute of Law Journal, Vol. X, 2017	2017 - 2018	0975-8208

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Anti-Proliferate And Apoptosis Triggering Potential of Methotrexate-Transferrin Conjugate Encapsulated PLGA Nanoparticles With Enhanced Cellular Uptake By High Affinity Folate Receptors.	(Ankush Parmar, Atul Jain, Shivani Uppal, Khushwinder Kaur, Bhupinder Singh Bhoop, S.K. Mehta, Shwet	Department of Chemistry	Artif Cells Nanomed Biotechnol. (2018) May 10:1-16.	2017 - 2018	2169-1401
Recent automatic text summarization techniques: a survey	Mahak Gambhir and Vishal Gupta	University Institute of Engineering & Technology	Artif Intell Rev (2017) 47:1–66	2017 - 2018	2692821
A systematic review of text stemming techniques	Jasmeet Singh and Vishal Gupta	University Institute of Engineering & Technology	Artif Intell Rev (2017) 48:157–217	2017 - 2018	2692821
Aspartic acid derivatized hydroxylated fullerenes as drug delivery vehicles for docetaxel: an explorative study.	Thotakura, N., Sharma, G., Singh, B., Kumar, V. & Raza, K.	University Institute of Pharmaceutical Sciences	Artificial Cells, Nanomedicine and Biotechnology.	2017 - 2018	2169-1401
Anti-proliferate and apoptosis triggering potential of methotrexate-transferrin conjugate encapsulated PLGA nanoparticles with enhanced cellular uptake by high-affinity folate receptors	Shweta Sharma	Institute of Forensic Science & Criminology	Artificial Cells, Nanomedicine, and Biotechnology	2017 - 2018	2169-1401
Problem Formulations and Solvers in Linear SVM – a Review	V. K. Chauhan, K. Dahiya and Anuj Sharma	Department of Computer Science & Applications	Artificial Intelligence Review	2017 - 2018	0269-2821
Problem formulations and solvers in linear SVM: a review	Kalpana Dahiya	University Institute of Engineering & Technology	Artificial Intelligence Review	2017 - 2018	"Electronic 1573-7462; Print 0269-2821"
Preservation of Cultural Heritage of India: Past and Present	Thakur Dr. Renu	Department of Ancient Indian History, Culture & Archaeology	Artistic Narration 2017	2017 - 2018	
Art Practices in the Contemporary Scenario: A Critique	Jagtej Kaur Grewal	Department of Art History and Visual Arts	Artistic Narration, A Journal for Visual & Performing Art	2017 - 2018	(P) 0976-7444, (e) 2395-7247
Synthesis of Novel 4-Halomethyl-1,3-oxaselenolane substituted Spirocyclic Azetidin-2-ones from cis-3-Allyloxy-3-benzylselenoazetidin-2-ones	Aman Bhalla* (Corresponding Author) Dipika Narula, Shamsher S. Bari, Bimal K. Banik	Department of Chemistry	Asian J. Chem.	2017 - 2018	0970-7077
Studies towards C-3 functionalization of cis-3-methoxy-3-phenylthio- β -lactams	Aman Bhalla* (Corresponding Author) Kiran Sharma, Shamsher. S. Bari and Bimal K. Banik	Department of Chemistry	Asian J. Org. Med. Chem. 2(3) 102-106 2017	2017 - 2018	0970-7077

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An Investigation Towards 2,3-Dichloro- 5,6-dicyanobenzoquinone Catalyzed Cross- Dehydrogenative Coupling Reactions of Thio- β -lactams/Thioethanoates with Aliphatic/Aromatic Nucleophiles	Aman Bhalla* (Corresponding Author) Dipika Narula, Shamsheer S. Bari, Bimal K. Banik.	Department of Chemistry	Asian J. Org. Med. Chem.2(2),58-62,2017	2017 - 2018	2456-8937
Occupational stress on employees in information technology organizations	Prof. Sherry Sabbarwal	Department of Sociology	Asian Journal	2017 - 2018	
Human Resource Management of Police in India"", Vol. IV, No. 1, pp. 75-81	Dr. Kuldeep Singh	Centre for Police Administration	Asian Journal of Advance Studies: An International Research Refereed Journal for Higher Education	2017 - 2018	2395-4965
Preferred Communication Channels and Pattern of Collaboration of Faculty Members in the Discipline of Library and Information Science in Punjab and Haryana.	Dr. Rupak Chakravarty and Jyoti Sharma	Department of Library & Information Science	Asian Journal of Library and Information Science (Online)	2017 - 2018	0975-315X
Influence of Brand Personality on Consumer Attractiveness and Attitude towards the Brand: An Empirical Analysis.Pp 1337-42	Sanjeev K Sharma, Era Nagpal	University Institute of Applied Management Sciences	Asian Journal of Management (2018)	2017 - 2018	0976-495X
ANTIBIOTIC RESISTANCE PROFILING OF DAIRY WASTEWATER DEGRADING NATIVE EFFICIENT MICROBIAL ISOLATES	ANUPAMA BHARDWAJ*, JAGTAR SINGH, SONIA CHAMAN, AMIT JOSHI	Department of Biotechnology	Asian Journal of Pharmaceutical and Clinical Research	2017 - 2018	2455-3891
IN VIVO RADIOPROTECTIVE EFFECTS OF WHEATGRASS (TRITICUM AESTIVUM) EXTRACT AGAINST X-IRRADIATION-INDUCED OXIDATIVE STRESS AND APOPTOSIS IN PERIPHERAL BLOOD LYMPHOCYTES IN RATS	Shyam C. Dhawan D.K. and Dani.V. D	Department of Biophysics	Asian Journal of pharmaceutical and clinical research	2017 - 2018	24405-3891 e issn: 0974 2441
In vivo radioprotective effects of wheatgrass (triticumaestivum) extract against x-irradiation-induced oxidative stress and apoptosis in peripheral blood lymphocytes in rats.	Chandresh Shyam, Devinder K Dhawan, Vijayta D Chadha	Centre for Nuclear Medicine	Asian Journal of Pharmaceutical and Clinical Research	2017 - 2018	Online ISSN: 2455-3891 Print ISSN: 0974-2441
A Study of Effectiveness of Cognitive Behaviour Therapy on aggression and Self-esteem of School Children in Iran	Meena Sehgal and A Ansari	Department of Psychology	Asian Journal of Psychology and Education	2017 - 2018	0971-2909
EFFECT OF PROBLEM SOLVING STRATEGIES ON ACHIEVEMENT IN MATHEMATICS IN RELATION TO ATTITUDE TOWARDS MATHEMATICS	Dr. Ram Mehar	University School of Open Learning	Asian Journal of Psychology and Education	2017 - 2018	

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Mindfulness, Perceived Stress and Coping Strategies	Jitendra Mohan, V Vijay Upmanyu and A Soroush	Department of Psychology	Asian Journal of Psychology and Education	2017 - 2018	0971-2909
Modelling Volatility of Asia Pacific Stock Market, 7 (5): 131-143 (2017).	Dr. Nishi Sharma	University Institute of Applied Management Sciences	Asian Journal of Research in Banking and Finance	2017 - 2018	2249-7323
Aggression among adolescents in relation to parenting styles and gender	Kaur, K.	Institute Of Educational Technology & Vocational Education	Asian Journal of Research in Social Science and Humanities	2017 - 2018	2249-7315
Occupational Aspirations of Adolescents in relation to Parental Education	Monga, A. and Grover, J.	Department of Education	Asian Journal of Research in Social Science and Humanities, 7(9), 296-304.	2017 - 2018	2249-7315
Right to Special Education for Mentally Ill in Punjab: A Study of District Hoshiarpur in Asian	Namita Gupta	Centre for Human Rights & Duties	Asian Journal of Research in Social Sciences and Humanities	2017 - 2018	22497315
Working of Emotional Intelligence in creating Job Satisfaction among Teaching Professionals in Indian High Education Sector	Vriti Sharma and Monica Bedi	University Business School	Asian Journal of Research in Social Sciences and Humanities	2017 - 2018	22497315
Fair and festivals of the Hatti community of District Sirmaur, Himachal Pradesh: an anthropological investigation.	Bhardwaj, Arun Pathak, R. K. & Sinha, A.K	Department of Anthropology	Asian Journal of research in social sciences and humanities.	2017 - 2018	2249-7315
Occupational Stress on Employees in Information Munjial & Amiri, Mohammad Technology Organizations, Asian Journal of Social Sciences & Humanities (AJSSH), 6(3), August (2017), pp. 103-110.	Sabbarwal, S., Singh, Monica Munjial & Amiri, Mohammad	Department of Sociology	Asian Journal of Social Sciences & Humanities 6(3):103-110	2017 - 2018	2249-7315
Occupational Stress on Employees in Information Technology Organizations	Prof. Sherry Sabbarwal, Dr. Monica Munjial Singh, Mohammad Amiri (Research Scholar)	Centre for Social Work	Asian Journal of Social Sciences and Humanities	2017 - 2018	2186-8484
Essential oils analysis of pseudobulbs of Crepidiumacuminatum (D.Don) Szlach	Arora, Mamta, Mahajan, Anupama, Sembi, Jaspreet K	Department of Botany	Asian Pacific Journal of Health Sciences	2017 - 2018	eISSN: 2349-0659
The centre and the Margin: indigenous societies and their interpretation of Independence in Robin Ngangoms poem 15 August 2008	Dr. Harpreet K Vohra	P.U. Regional Centre, Ludhiana	ASIAN QUARTERLY	2017 - 2018	2229-581 X
Mediating Effect of Tourist Country of Origin on Relationship between Factors Affecting Satisfaction of Foreign Tourists in Goa	SP Bansal, Purva Kansal, Sandeep Walia	University Business School	Asia-Pacific Journal of Innovation in Hospitality and Tourism APJIHT	2017 - 2018	2710-6519
Digital image forgery detection: a systematic scrutiny	Krishan Kumar	University Institute of Engineering & Technology	Australian Journal of Forensic Sciences	2017 - 2018	

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Pain perception and anxiety during periodontal flap surgery	Dr Jyoti Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Baba Farid University Dental Journal	2017 - 2018	0976-8181
Right to Food Versus Fundamental Duty of Sustainable Consumption: A Review in Reference to Food Wastage in Indian Marriages	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	Bharati Law Review, Pune, 2017	2017 - 2018	2278-6996
Artificial Neuro-Fuzzy Inference System (ANFIS) based validation of laccase production using RSM model. Biocatalysis and Agricultural Biotechnology. 14: 235-240	Kumar M, Singh G, Arya SK, Bhatti JS, Sharma P. (2018)	Department of Microbiology	Biocatalysis and Agricultural Biotechnology	2017 - 2018	18788181
Artificial Neuro-Fuzzy Inference System (ANFIS) based validation of laccase production using RSM model	Mukesh Kumar, Gursharan Singh, Shailendra Kumar Arya, Jasvinder Singh Bhatti, Prince Sharma	University Institute of Engineering & Technology	Biocatalysis and Agricultural Biotechnology 14 (2018) 235–240	2017 - 2018	18788181
A Facile Approach for Synthesis and Intracellular Delivery of Size Tunable Cationic Peptide Functionalized Gold Nanohybrids in Cancer Cells	Kavita Bansal, Mohammad Aqdas, Munish Kumar, Rajni Bala, Sanpreet Singh, Javed N. Agrewala, O. P.	Department of Chemistry	Bioconjugate Chemistry 2018 , 29, 1102-1110	2017 - 2018	1043-1802
Coadministration of isomalto?oligosaccharides augments metabolic health benefits of cinnamaldehyde in high fat diet fed mice.	Singh?DP, Khare?P, Bijalwan?V, Baboota?RK, Singh?J, Kondepudi?KK, Chopra?K, Bishnoi M.	University Institute of Pharmaceutical Sciences	Biofactors,	2017 - 2018	09516433, 18728081
Effect of ageing on endogenous auxins, gibberellins. & ABA in three species of bamboo seeds in relation to loss of viability during storage	Prof. Richa Puri	Department of Botany	Biolife	2017 - 2018	2320-4257
Lithium Treatment Aggregates the Adverse Effects on Erythrocytes Subjected to Arsenic Exposure	Bhardwaj P., Jain K. and Dhawan D.K.	Department of Biophysics	Biological Trace Element Research	2017 - 2018	ISSN:0163-4984E- ISSN:1559-0720
Effect of the NADPH oxidase inhibitor apocynin on ischemia-reperfusion hippocampus injury in rat brain	Kapoor M, Sharma N, Sandhir R, Nehru B	Department of Biophysics	Biomed Pharmacother. 97:458-472. (2018)	2017 - 2018	ISSN:0753-3322
Isolation, characterization, statistical optimization and application of a novel broad spectrum capsular depolymerase against Klebsiella pneumoniae from Bacillus siamensis SCVJ30.	Chhibber S, Gondil VS, Kaur J	Department of Microbiology	biomedical and biotechnology research journal	2017 - 2018	2588-9842

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An Efficient Image Denoising Scheme for Higher Noise Levels using Spatial Domain Filters	Budhiraja, Sumit, Bhawna Goyal, Ayush Dogra, and Sunil Agrawal	University Institute of Engineering & Technology	Biomedical and Pharmacology Journal	2017 - 2018	9746242
Current and Future Orientation of Anatomical and Functional Imaging Modality Fusion	Dogra, Ayush, Bhawna Goyal, and Sunil Agrawal	University Institute of Engineering & Technology	Biomedical and Pharmacology Journal	2017 - 2018	9746242
The impact of bisphosphonates on the osteoclast cells of osteogenesis imperfecta patients	Dhiman V., Aggarwal A., Bhadada S., Sachdeva N.,Gopinathan N. R. and Dhawan D.K	Department of Biophysics	Biomedical and Pharmacology Journal.	2017 - 2018	ISSN:0974-6242
Development of a validated liquid chromatographic method for quantification of sorafenib tosylate in the presence of stress-induced degradation products and in biological matrix employing analytical quality by design (AQbD) approach.	Sharma, T., Khurana, R.K., Jain, A., Katare, O.P. & Singh, B.	University Institute of Pharmaceutical Sciences	Biomedical Chromatography.	2017 - 2018	13. 978-1607412915
Niosome-based hydrogel of resveratrol for topical applications: An effective therapy for pain related disorder(s).	Negi, P., Aggarwal, M., Sharma, G., Rathore, C., Sharma, G., Singh, B. &&& Katare, O.P.	University Institute of Pharmaceutical Sciences	Biomedical Pharmacotherapy.	2017 - 2018	7533322
In vitro investigation of the growth of hydroxyapatite and proliferation of human cell lines on the sol gel derived diopside co-substituted tricalcium phosphate bioceramics	Dr Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	Biomedical Physics &&& Engineering Express	2017 - 2018	2057-1976
Effect of the NADPH oxidase inhibitor apocynin on ischemia-reperfusion hippocampus injury in rat brain.	Prof. Rajat Sandhir	Department of Biochemistry	Biomedicine and Pharmacotherapy	2017 - 2018	0753-3322 (Print) 1950-6007 (Electronic) 0753-3322 (Linking)
Differential ratios of fish/corn oil ameliorated the colon carcinoma in rat by altering intestinal intraepithelial CD8+ T lymphocytes, dendritic cells population and modulating the intracellular cytokines	Dr. Navneet Agnohotri	Department of Biochemistry	Biomedicine&&& Pharmacotherapy	2017 - 2018	ISSN: 0753-3322 (Print) 1950-6007 (Electronic) 0753-3322 (Linking)
Identification and classification of upper limb motions using PCA	Veer, K., Vig, R.	University Institute of Engineering & Technology	Biomedizinische Technik	2017 - 2018	0013-5585

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Efficient, green and one Pot synthesis of sodium acetate functionalized silver nanoparticles and their potential application as food preservative	Nishima	University Institute of Engineering & Technology	BioNanoScience	2017 - 2018	ISSN: 21911630
Design and synthesis of benzimidazole-based Rho kinase inhibitors for the treatment of glaucoma	Abbhi, V., Saini, L., Mishra, S., Sethi, G., Kumar, A.P., && Piplani, P.	University Institute of Pharmaceutical Sciences	Bioorganic && medicinal chemistry	2017 - 2018	0968-0896
Design, synthesis and pharmacological evaluation of some novel indanone derivatives as acetylcholinesterase inhibitors for the management of cognitive dysfunction	Piplani, P., Jain, A., Devi, D., Sharma, A., && Silakari, P.	University Institute of Pharmaceutical Sciences	Bioorganic && medicinal chemistry	2017 - 2018	0968-0896
Synthesis, molecular docking and biological evaluation of some newer 2-substituted-4-(benzo[d][1,3]dioxol-5-yl)-6-phenylpyridazin-3(2H)-ones as potential anti-inflammatory and analgesic agents	Jyoti Singh, Vandana Saini, Ajit Kumar and Ranju Bansal	University Institute of Pharmaceutical Sciences	Bioorganic Chemistry	2017 - 2018	0045-2068
Insights into cell penetrating peptide conjugated gold nanoparticles for internalization into bacterial cells	Nishima	University Institute of Engineering & Technology	Biophysical chemistry	2017 - 2018	ISSN: 03014622
Improved levulinic acid production from agri-residue biomass in biphasic solvent system through synergistic catalytic effect of acid and products	Sandeep Kumar, Vivek Ahluwalia, Pranati Kundu, Rajender S. Sangwan, Sushil K. Kansal, Troy M. Runge	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Bioresource Technology	2017 - 2018	0960-8524
The immunomodulatory CEA cell adhesion molecule 6 (CEACAM6/CD66c) is a candidate receptor for the influenza A virus	Shah Kamranur Rahman, Mairaj Ahmed Ansari, Pratibha Gaur, Imtiyaz Ahmad, Chandrani Chakravarty, Dil	Department of Microbiology	Biorxiv	2017 - 2018	2692-8205
A web bench for analysis and prediction of oncological status from proteomics data of urine samples	S.K.Sharma, Sherry Bhalla, G.P.S. Raghava et.al	Department of Statistics	bioRxiv	2017 - 2018	
Expression based biomarkers and models to classify early and late stage samples of Papillary Thyroid Carcinoma	S.K.Sharma, Sherry Bhalla, G.P.S. Raghava et.al	Department of Statistics	bioRxiv preprint	2017 - 2018	
Hybrid porous thin films: Opportunities and challenges for sensing applications	Pawan Kumar,..., Naresh Kumar	University Institute of Engineering & Technology	Biosensors and Bioelectronics	2017 - 2018	0956-5663

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Hybrid porous thin films: Opportunities and challenges for sensing applications,Biosensors and Bioelectronics	Pawan Kumar, Ki-Hyun Kim, Kowsalya Vellingiri, Pallabi Samaddar, Parveen Kumar, Akash Deep, Nar	University Institute of Engineering & Technology	Biosensors and Bioelectronics	2017 - 2018	0956-5663
Hydrogen from algal biomass: a review of production process	A Sharma, SK Arya	University Institute of Engineering & Technology	Biotechnology Reports	2017 - 2018	2215-017X
Isolation, characterization and antibacterial effect of biosurfactant from Candida parapsilosis	M. Garg, Priyanka and M. Chatterjee	University Institute of Engineering & Technology	Biotechnology Reports 18 (2018) e00251	2017 - 2018	2215017X
Immobilization of catalase onto chitosan and chitosan–bentonite complex: A comparative study,	Jyoti Kaushal, Seema, Gursharan Singh, Shailendra Kumar Arya	University Institute of Engineering & Technology	Biotechnology Reports Volume 18, June 2018, e00258	2017 - 2018	2215017X
Store Image, Service Quality and Store Loyalty In Indian Food Grocery Retailing- A Comparison of Department Stores And Discount Stores	Monica Bedi	University Business School	Biz n BYTES	2017 - 2018	0976 0458
Homozygous KLF1 mutation c. 901C& amp;gt;T (p. Arg301Cys) resulting in mild thalassemia intermedia in an indian: A next-generation sequencing diagnosis	Dr. Ranvir Singh	Department Cum National Centre for Human Genome Studies & Research	Blood Cells, Molecules and Disese	2017 - 2018	1079-9796
Quorum sensing in thermophiles: prevalence of autoinducer-2 system	Kaur A, Capalash N and Sharma P	Department of Biotechnology	BMC Microbiology	2017 - 2018	1471-2180
Quorum sensing in thermophiles: prevalence of autoinducer-2 system. BMC Microbiology, 18: 62-77	Kaur, A., Capalash, N., Sharma, P.(2018)	Department of Microbiology	BMC Microbiology	2017 - 2018	1471-2180
Genome-wide identification and characterization of LRR-RLKs reveal functional conservation of the SIF subfamily in cotton (Gossypium hirsutum)	Ning Yuan, Krishan Mohan Rai, Vimal Kumar Balasubramanian, Santosh Kumar Upadhyay, Hong Luo, Venugop	Department of Botany	BMC plant biology	2017 - 2018	na
Small RNA profiling for identification of miRNAs involved in regulation of saponins biosynthesis in Chlorophytum borivilianum	Monika Kajal and Kashmir Singh	Department of Biotechnology	BMC Plant Biology	2017 - 2018	1471-2229
Systemic inflammation without gliosis mediates cognitive deficits through impaired BDNF expression in bile duct ligation model of hepatic encephalopathy.	Prof. Rajat Sandhir	Department of Biochemistry	Brain, Behavior, and Immunity	2017 - 2018	SSN: 0889-1591 (Print) 1090-2139 (Electronic) 0889-1591 (Linking)

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Two-Neutron alignment in ^{127}Xe	S. Chakraborty, H. P. Sharma, S. S. Tiwary, C. Majumder, P. K. Prajapati, S. Rai, P. Popl, A. Kumar et	Department of Physics	Brazilian Journal of Physics, Volume 47, Issue 4, pp.406 (2017)	2017 - 2018	xx
Promotional effect of Au on $\gamma\text{-Al}_2\text{O}_3$ supported cobalt based catalyst for total oxidation of methane	Dr. Gaurav Rattan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Bulgarian Chemical Communications,	2017 - 2018	0861-9808
Toxicopathic Branchial Lesions in Grass Carp (<i>Ctenopharyngodon idellus</i>) Exposed to Chlorpyrifos.	M Kaur R Jindal.	Department of Zoology	Bulletin of Environmental Contamination and Toxicology,	2017 - 2018	0007-4861
VASHWIKARAN AUR LUPT BACHPAN	RAJESH KUMARMISHRA	P.U. Regional Centre, Muktsar	BULLETIN OF INDIAN SOCIETY AND CULTURE	2017 - 2018	23953748
Liposome loaded phage cocktail: Enhanced therapeutic potential in resolving <i>Klebsiella pneumoniae</i> mediated burn wound infections.	Chadha, P., Katare, O.P. & Chhibber, S.	University Institute of Pharmaceutical Sciences	Burns	2017 - 2018	393950808
Liposome loaded phage cocktail: Enhanced therapeutic potential in resolving <i>Klebsiella pneumoniae</i> mediated burn wound infections.	Chadha P., Katare O.P. and Chhibber S.	Department of Microbiology	Burns	2017 - 2018	3054179
Dis-Face: A Database of Human Facial Disorders	S.K.Sharma, Paramjit Kaur, Kewal Krishan et.al	Department of Statistics	Canadian Journal of Biotechnology	2017 - 2018	2560-8304
Cancer targeting potential of ^{99m}Tc -finasteride in experimental model of prostate carcinogenesis	Gowsia Jan, Neelima D Paasi ^{1*} , Dhawan DK, Vijayta D Chadha	University Institute of Pharmaceutical Sciences	Cancer Biotherapy and Radiopharmaceuticals	2017 - 2018	1557-8852
Micromorphological studies of the complex early Oligocene Himalayan foreland palaeosols in relation to Asian monsoon climate	Yuvika Khanna, S.Singh, Sarabjeet Singh	Department of Geology	Catena	2017 - 2018	0341-8162
Need for re-apprehension of basin tectono-depositional set-up during initial stage of Himalayan orogeny from pedogenic evidences	S.Singh, Prosenjit Ghosh, Yuvika Khanna	Department of Geology	Catena	2017 - 2018	0341-8162
Design, synthesis and molecular docking studies of new potential piperazine derivatives as cognition enhancers.	Danta, C. C & Piplani, P.	University Institute of Pharmaceutical Sciences	Central nervous system agents in medicinal chemistry	2017 - 2018	18715249
Evaluation of structural, magnetic and catalytic properties of Sn incorporated spinel nanoferrites	Goyal, B. Chawla Ankita, Sandeep Bansal, K.B. Tikoo, V. Kumar, Sonal Singhal	Department of Chemistry	Ceramics International	2017 - 2018	0272-8842
Rafeeq Husian ke Afsanavi Kirdar Fitri Wojoood ke Ayine mein	Dr. Ali Abbas	Department of Urdu	Chaharsu, Ravalpindi, Pakistan	2017 - 2018	

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Designed meso-macroporous silica framework impregnated with copper oxide nanoparticles for enhanced catalytic performance	R. Kanwar, R. Bhar, S.K.Mehta)	Department of Chemistry	ChemCatChem	2017 - 2018	1867-3880
Design and synthesis of some acridine-piperazine hybrids for the improvement of cognitive dysfunction.	Sharma, A. & Piplani, P.	University Institute of Pharmaceutical Sciences	Chemical Biology and Drug Design	2017 - 2018	17470277
Studies on glycerol conversion to tricaproin over sulfate promoted iron oxide as catalyst using response surface methodology	Kaur, K., Sobti, A., Wanchoo, R. K., & Toor, A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Chemical Engineering Research and Design	2017 - 2018	0263-8762 / 1744-3563
Molecular Dynamics Simulations of Mismatched DNA Duplexes Associated with the Major C8-Linked 2'-Deoxyguanosine Adduct of the Food Mutagen Ochratoxin A: Influence of Opposing Base, Adduct Ionization State, and Sequence on the Structure of Damaged DNA	Preetleen Kathuria, Purshotam Sharma, Richard A. Manderville, and Stacey D. Wetmore	Department of Chemistry	Chemical Research in Toxicology	2017 - 2018	0893-228X
Molecular Modeling of the Major DNA Adduct Formed from Food Mutagen Ochratoxin A in NarI Two-Base Deletion Duplexes: Impact of Sequence Context and Adduct Ionization on Conformational Preference and Mutagenicity	Preetleen Kathuria, Purshotam Sharma, Richard A. Manderville, and Stacey D. Wetmore	Department of Chemistry	Chemical Research in Toxicology	2017 - 2018	0893-228X
Chain-breaking phenolic 2,3-dihydrobenzo[b]selenophene antioxidants: proximity effects and regeneration studies	Singh, V. P.;* Yan, J.; Poon, J.; Gates, P. J.; Butcher, R. J.; Engman, L.	Department of Chemistry	Chemistry - A European Journal	2017 - 2018	0947-6539
Substituent effects in chain-breaking aryltellurophenol antioxidants	1. Poon, J.; Yan, J.; Jorner, K.; Ottosson, H.; Donau, C.; Singh, V. P.; Gates, P. J.; Engman, L.	Department of Chemistry	Chemistry A European Journal	2017 - 2018	0947-6539
Acetylenic indole- encapsulated Schiff bases: Synthesis, In Silico studies as potent antimicrobial agents, cytotoxicity evaluation and synergistic effect	Dr. Indresh Kumar Maurya (DST-INSPIRE Faculty)	Department of Microbial Biotechnology	Chemistry Select	2017 - 2018	2365-6549
Acetylenic Indole-Encapsulated Schiff Bases: Synthesis, In Silico Studies as Potent Antimicrobial Agents, Cytotoxic Evaluation and Synergistic Effects	Gurjaspreet singh Pooja Kalra, Aanchal Arora, Akshpreet Singh, Geetika Sharma, Sanchita, Indres	Department of Chemistry	Chemistry select	2017 - 2018	2365-6549
Efficient and Eco-Friendly One-Pot Synthesis of Functionalized Furan-2-one, Pyrrol-2-one, and Tetrahydropyridine Using Lemon Juice as a Biodegradable Catalyst	M. Musawwer Khan, Sarfaraz Khan, Saigal and Subash Chandra Sahoo	Department of Chemistry	Chemistry Select	2017 - 2018	2365-6549

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Efficient and Eco-Friendly One-Pot Synthesis of Functionalized Furan-2-one, Pyrrol-2-one, and Tetrahydropyridine Using Lemon Juice as a Biodegradable Catalyst	. M. Musawwer Khan, Sarfaraz Khan, Saigal, and Subash C. Sahoo	Department of Chemistry	Chemistry Select	2017 - 2018	2365-6549
Molecular Design, Synthesis, computational screening , antimicrobial evaluation and molecular docking study of acetylenic isatin hybrids	Dr. Indresh Kumar Maurya (DST-INSPIRE Faculty)	Department of Microbial Biotechnology	Chemistry Select	2017 - 2018	2365-6549
Molecular Design, Synthesis, Computational Screening, Antimicrobial Evaluation and Molecular Docking Study of Acetylinic Isatin Hybrids	Gurjaspreet singh, Aanchal Arora, Akshpreet Singh, Pooja Kalra, Sunita Rani, Kashmir Singh, K. M	Department of Chemistry	Chemistry select	2017 - 2018	2365-6549
Synthesis and Immobilization of Benzothiazole-Appended Triazole-Silane: Biological Evaluation and Molecular Docking Approach	Gurjaspreet singh	Department of Chemistry	Chemistry select	2017 - 2018	2365-6549
The Photochemical Degradation of Bacterial Cell Wall Using Penicillin-Based Carbon Dots: Weapons Against Multi-Drug Resistant (MDR) Strains	Kaur, N. et al	Department of Chemistry	Chemistry Select	2017 - 2018	2365-6549
Modulation in Photophysical Properties of Fluorescent Imidazole Possessing 1,10-Phenanthroline on Introduction of Ru(bipy) ₃ ²⁺ towards Cation Sensing	Priya Alreja and Navneet Kaur*	Department of Chemistry	ChemistrySelect	2017 - 2018	2365-6549
Synthesis and Immobilization of Benzothiazole-Appended Triazole-Silane: Biological Evaluation and Molecular Docking Approach	G Singh, K Chowdhary, P Satija, A Singh, B Singh	Department of Biotechnology	ChemistrySelect	2017 - 2018	2365-6549
Cysteine-metal Porous Frameworks as Biosensing Elements for the Adsorption of Reactive Oxygen Species	N. R. Jena, C. Patel, Subash Ch. Sahoo, and P. C. Mishra	Department of Chemistry	ChemistrySelect 2018, 3, 7732–7740	2017 - 2018	2365-6549
Appraising the role of environment friendly chelants in alleviating lead by <i>Coronopus didymus</i> from Pb-contaminated soils	Sidhu, G P S, Singh, H P, Daizy, R B, Kohli, R.K.	Department of Environment Studies	Chemosphere	2017 - 2018	0045-6535
Bare and non-ionic surfactant-functionalized praseodymium oxide nanoparticles: Toxicological studies.	Priyanka Sharma, Sandeep Kaur, Savita Chaudhary, Ahmad Umar and Rajeev Kumar.	Department of Chemistry	Chemosphere 209 (2018) 1007-1020	2017 - 2018	0045-6535
Equal Pay for equal Work in Relation to Service Matters- A Judicial Response	Dr. Babita Devi Pathania	Department of Laws	Chintan International Research Journal	2017 - 2018	2229-7227

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Scrutinizing the Predicament of Freedom of Press vis-a-vis Right to Privacy under the Constitutional Framework	Dr. A Kumar Thakur	Department of Laws	Chintan International Research Journal	2017 - 2018	22297227
LEGISLATIVE GOVERNANCE BY EXECUTIVE THROUGH ORDINANCES VIS-À-VIS POWER OF LEGISLATURE IN INDIA: AN ANALYSIS'	Dr. Reena kansal	Department of Laws	CHINTAN RESEARCH JOURNAL	2017 - 2018	2229-7227
An Oasis in Chaos Reinvernting Swami Vivekananda from his Homilies on Education A Philosophical Survey of Right to Education in India	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	Chotanagpur Law Journal	2017 - 2018	0973-5858
BACK TO VEDAS: Exploring Womanhood and her freedom from the EYES of Swami Vivekananda	Dr. Aman A Cheema	P.U. Regional Centre, Ludhiana	Chotanagpur Law Journal	2017 - 2018	0973-58581
Back to Vedas: Exploring	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Chotanagpur Law Journal Vol. 11, No. 11	2017 - 2018	0973-5858
An Analysis of Recurring Cost of General Education Colleges of Haryana Chronicle of Humanities and Cultural Studies,	Gandhar, Harsh Co-Author	University School of Open Learning	Chronicle of Humanities and Cultural Studies	2017 - 2018	ISBN 2454-5503
Spinel ferrite mediated photo-Fenton degradation of phenolic analogues: A detailed study employing two distinct inorganic oxidants.	Rimi Sharma and Sonal Singhal	Department of Chemistry	Clean- Soil, Air, Water	2017 - 2018	1863-0650
Interaction between ALOX15 polymorphisms and coronary artery disease in North Indian population.	Kaur N, Singh J, Reddy S	Department of Biotechnology	Clin Exp Hypertens	2017 - 2018	1525-6006
The explanatory variable age is non-significant in diabetic nephropathy (DN) patients	Neelam Goel	University Institute of Engineering & Technology	Clinical Biochemistry	2017 - 2018	0009-9120
Cloud Computing with special reference Data Security,	Prof. Rajinder Kaur	University Institute of Legal Studies	Cloud Computing with special reference Data Security,	2017 - 2018	0974-5572
A fusion framework based on fuzzy integrals for passive-blind image tamper detection	Mandeep Kaur	University Institute of Engineering & Technology	Cluster Computing	2017 - 2018	1386-7857
A Novel Technique for Detecting Plagiarism in Documents Exploiting Information Sources	Mansi Sahi and Vishal Gupta	University Institute of Engineering & Technology	Cogn Comput (2017) 9:852–867	2017 - 2018	1866-9964
Identifying influential segments from word co-occurrence networks using AHP	Muskan, Mukesh Kumar	University Institute of Engineering & Technology	Cognitive Systems Research 47 (2018) 28–41	2017 - 2018	1389-0417
Relationship between budget allocation and growth of resources at the university libraries of Northern India—a study.	Prof. Preeti Mahajan	Department of Library & Information Science	Collection Building	2017 - 2018	0160-4953

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Fabrication and functional attributes of lipidi cnanoconstructs of lycopene: An innovative endeavour for enhanced cytotoxicity in MCF-7 breast cancer cells.	Jain, A., Sharma, G.,	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces	2017 - 2018	0927-7765.
Fabrication and functional attributes of lipidic nanoconstructs of lycopene: An innovative endeavour for enhanced cytotoxicity in MCF-7 breast cancer cells	Ashay Jain, Gajanand Sharma, Varun Kushwah, Kanika Thakur, Gargi Ghoshal, Bhupinder Singh, Sanyog Ja	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Colloids and Surfaces B: Biointerfaces	2017 - 2018	0927-7765
Investigating the structural integrity of Bovine serum albumin in presence of newly synthesized metallosurfactants	Preeti Garg, Gurpreet Kaur*, Ganga Ram Chaudhary, Satwant Kaur, Santosh L. Gawali, P.A. Hassan	Department of Chemistry	Colloids and Surfaces B: Biointerfaces	2017 - 2018	0927-7765
Stabilized cationic dipeptide capped gold/silver nanohybrids: Towards enhanced antibacterial and antifungal efficacy	Manish Bajaj, S. K. Pandey, T. Nain, S. K. Brar, P. Singh, S. Singh, N. Wangoo, Rohit K. Sharma	Department of Chemistry	Colloids and Surfaces B: Biointerfaces	2017 - 2018	0927-7765
Fabrication and functional attributes of lipidic nanoconstructs of lycopene: An innovative endeavour for enhanced cytotoxicity in MCF-7 breast cancer cells.	Jain, A., Sharma, G., Kushwah, V., Thakur, K., Ghoshal, G., Singh, B., Jain, S., Shivhare, U.S. & & Katare, O.P.	University Institute of Pharmaceutical Sciences	Colloids and Surfaces B: Biointerfaces.	2017 - 2018	0927-7765.
Zinc-arbuscular mycorrhizal interactions: effect on nutrient pool, enzymatic antioxidants, and osmolyte synthesis in pigeonpea nodules subjected to Cd stress	Kaur, H., & Garg, N.	Department of Botany	Communications in Soil Science and Plant Analysis, 48(14), 1684-1700	2017 - 2018	1532-2416
Computational Design of Boron Doped Lithium (BLin) Cluster-Based Catalyst for N2 Fixation	M. Riyaz and N. Goel	Department of Chemistry	Computational and Theoretical Chemistry	2017 - 2018	2210-271X
Computational study of effect of solvents on vibrational spectra of coumarin 500. Computational and Theoretical Chemistry 1130: 46–57 (2018).	R. Singh, P. Kaur, R. Sachdeva, J.S. Grewal, V. Sathe, G.S.S. Saini	Department of Physics	Computational and Theoretical Chemistry	2017 - 2018	2210-271X
Bayesian Estimation of Generalized Gamma Shared Frailty Model	Sukhmani Sidhu, Kanchan Jain and Suresh Sharma	Department of Statistics	Computational Statistics	2017 - 2018	0943-4062
Characterizing DDoS attacks and flash events: Review, research gaps and future directions	Krishan Kumar	University Institute of Engineering & Technology	Computer Science Review	2017 - 2018	
Identification of motion outliers in wrist pulse signal	Nidhi Garg, Amandeep Bisht, Hardeep S. Ryait, Amod Kumar	University Institute of Engineering & Technology	Computers & Electrical Engineering	2017 - 2018	0045-7906

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Challenges in Prediction of different Cancer Stages using Gene Expression Profile of Cancer Patients	S. Bhalla, Suresh Sharma, G.P.S. Raghava	Department of Statistics	Conference Proceedings of the 8th ACM International Conference on Bioinformatics, Computational Biology, and Health	2017 - 2018	
Human Rights Concerns of the Differently Abled Persons of Fazilka City, Punjab	Dr. Navleen Kaur and Abhinav Madan	Department of Community Education & Disability Studies	Conflux Journal of Education,	2017 - 2018	2320-9305(P), 2347-5706(E)
Sleeve push technique: A novel method of space gaining	Deepak Kumar Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Contemporary Clinical Dentistry	2017 - 2018	ISSN: Print - 0976-237X, Online - 0976-2361
Aryans versus Non- Aryans: A Study of Dalit Narratives of India’s Ancient Past	Dr. Ashish Kumar	Department of History	Contemporary Voice of Dalit, Vol. 10, No. 2	2017 - 2018	2456-0502 (online), 2455-328X (Print)
Deras, Dalits Assertion and Resistance: A Case Study of Dera Baba Bhure Shah Sappanwala	Surinder Singh & Jasbir Singh	P.U. Rural Centre, Kauni, Muktsar	Contemporary Voice of Dalits	2017 - 2018	2455-328x
Deras, Dalits Assertion and Resistance: A Case Study of Dera Baba Bhure Shah Sappanwala	Dr. Jasbir Singh	Department of History	Contemporary Voice of Dalits, Vol. 9, No. 2	2017 - 2018	2455-328X
The Genealogy of a dalit faith: The Ravidassia Dharm and Caste Conflicts in Contemporary Punjab	Prof. Roki Ram	Department of Political Science	Contributions to Indian Sociology	2017 - 2018	Vol. 51, No. 1, 2017, pp. 52-78
Perils of Privatization oOf school education in Rural Punjab	Satvinderpal Kaur	Department of Education	Countercurrents	2017 - 2018	111
Nanostructured lipid carriers: a new paradigm in topical delivery for dermal and transdermal applications	Sharma, G., Thakur, K., Raza, K., Singh, B. &&&& Katare, O.P.?	University Institute of Pharmaceutical Sciences	Critical Reviews in Therapeutic Drug Carrier Systems.	2017 - 2018	0743-4863
Effects of individual and combined heat and drought stress during seed filling on the oxidative metabolism and yield of chickpea (Cicer arietinum) genotypes differing in heat and drought tolerance	Prof. Harsh Nayyar	Department of Botany	Crop & Pasture Science	2017 - 2018	ISSN: 1836-0947 (print); 1836-5795 (web)
Heat stress in grain legumes during reproductive and grain-filling phases.	Prof. Harsh Nayyar	Department of Botany	Crop and Pasture Science	2017 - 2018	ISSN: 1836-0947 (print); 1836-5795 (web)

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Acid Phosphatase Activity in Some Indian Liverworts	Thakur Shivani, Devi Kanchna Kapila Sunita and Rao Anju	Department of Botany	Cryptogamie, Bryologie	2017 - 2018	E-ISSN: 1776-0992 P-ISSN: 1290-0796
Acid phosphatase activity in some Indian liverworts. Cryptogamie, Bryologie	Kapila, S. Devi, K. thakur, S. and Rao, A.	Department of Botany	Cryptogamie, Bryologie, 2017, 38 (3): 325-331	2017 - 2018	12900796
(1–2u3) -constacyclic codes and quadratic residue codes over $F_p[u]/\langle u^4-u \rangle$	Madhu Raka	Department of Mathematics	Cryptography and Communications. Discrete Structures, Boolean Functions and Sequences	2017 - 2018	1936-2447
Co-crystals of hesperetin: structural, pharmacokinetic and pharmacodynamic evaluation	Vasisht, K., Chadha, K., Karan, M., Chadha, R., Bhalla, Y., Khullar, S., and Mandal, S.	University Institute of Pharmaceutical Sciences	Cryst. Growth Des.	2017 - 2018	1528-7483
Crystal Engineering: A Remedy to tailor the biopharmaceutical Aspects of Glibenclamide.	Parnika Goyal , Dimpy Rani, and Renu Chadha	University Institute of Pharmaceutical Sciences	Crystal Growth & Design,	2017 - 2018	1528-7483,1528-7505
A novel orange-red emitting $Ba_2Ca(BO_3)_2:Sm^{3+}$ phosphor to fill the amber gap in LEDs : Synthesis, structural and luminescence characterizations	VISHAL SHARMA	Institute of Forensic Science & Criminology	Current Applied Physics	2017 - 2018	15671739
A Review on Phytochemical and Pharmacological Potential of Family Orchidaceae	Arora, Mamta, Mahajan, Anupama, Sembi, Jaspreet K	Department of Botany	Current Botany	2017 - 2018	"ISSN: 2220-4822 "
Design and Characterization of Apocynin Loaded PLGA Nanoparticles and their In vivo Efficacy in Hyperoxaluric Rat	Sharma S., Parmar A., Bhardwaj R, Kaur T.	Department of Biophysics	Current drug delivery	2017 - 2018	ISSN 15672018
QbD-Enabled Development and Validation of a Liquid Chromatographic Method for Estimating Galantamine Hydrobromide in Biological Fluids	(S Lohan, R Kaur, S Bharti, S.K. Mehta, B Singh)	Department of Chemistry	Current Pharmaceutical Analysis 14 (6) (2018) 527-540	2017 - 2018	1573-4129
Mini heme-proteins: Designability of structure and diversity of functions.	Jagdish Rai	Institute of Forensic Science & Criminology	Current Protein and Peptide Science	2017 - 2018	1875-5550
Depression and one carbon metabolic pathway: A study among a mendelian population from North India	Gurjinder Kaur, Rajan Gaur, Mamta Kumari Thakur & Kullar Nava Saraswathy,	Department of Anthropology	Current Psychology	2017 - 2018	Electronic ISSN: 1936-4733 Immediacy index: 0.10 Print ISSN: 1046-1310
Sperm sexing of dairy cattle: economics, animal welfare and technological challenges	Jagdish Rai	Institute of Forensic Science & Criminology	Current Science	2017 - 2018	0011-3891

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Fingerprint Profile of an important therapeutic plant of Astavarga Crepidiumacuminatum (D. Don) Szlach by HPTLC	Arora, Mamta, Mahajan, Anupama Sembi, Jaspreet, K	Department of Botany	Current Trends in Biotechnology and Pharmacy	2017 - 2018	ISSN:0973-8916
Cytological Investigations on Nine Species of Two Moss Genera (Polytrichaceae) in Eastern Himalayas, India	Sharma Meenakshi, Kapila Sunita and Kumar S.S	Department of Botany	Cytologia	2017 - 2018	E-ISSN:1348-7019 P-ISSN: 0011-4545
Cytological Note on Three Species of East Himalayan Fissidens	Sharma Meenakshi and Kapila Sunita	Department of Botany	Cytologia	2017 - 2018	E-ISSN:1348-7019 P-ISSN: 0011-4545
Cobalt complexes of Biginelli derivatives as fluorescent probes for selective estimation and degradation of organophosphates in aqueous medium	Kaur, G., Singh, A., Singh, A., Kaur, N., Singh, N.	Department of Chemistry	Dalton Transactions, 2018, 47, 5595	2017 - 2018	1477-9226
Impact of managerial ability and firm-specific variables on insider's abnormal returns	Sharma, M Vashisht, A.K. (Arora, S.)	University Business School	DECISION	2017 - 2018	232-599-73
Reflections of the Indian Philosophy in Deleuze Body without Organs in Deleuze Studies	Meenu Gupta	Department of English & Cultural Studies	Deleuze Studies	2017 - 2018	Print ISSN: 2398-9777Online ISSN: 2398-9785
Scientometric Analysis of the Research Output of Physics and Astronomy of Guru Nanak Dev University during 2006-15	Sunaina Khanna, Neeraj Kumar Singh, Deepika Tewari, Harinder Singh Saini	A C Joshi Library	DESIDOC Journal of Library & Information Technology	2017 - 2018	0974-0643
Scientometric Analysis of the Research Output of Physics and Astronomy of Guru Nanak Dev University during 2006-2015	Sunaina Khanna, Neeraj Kumar Singh, Deepika Tewari, Harinder Singh Saini	A C Joshi Library	DESIDOC Journal of Library & Information Technology Vol. 37 No.5, 2017, p. 337 -345	2017 - 2018	0976- 4658
Use Pattern and seeking behaviour of Students in National Institute of Technology, Jalandhar, India	Nirupma Chohda	A C Joshi Library	DESIDOC Journal of Library and Information Technology	2017 - 2018	0974-0643
Direct growth of coiled carbon nanofibers without nanocatalyst	Amit Thakur, Alakesh Manna, Sushant Samir	University Institute of Engineering & Technology	Diamond & Related Materials	2017 - 2018	0925-9635
Chemoprevention by Probiotics During 1,2-Dimethylhydrazine-Induced Colon Carcinogenesis in Rats	Walia S., Kamal R., Dhawan D.K. and Kanwar S.S	Department of Biophysics	Digestive diseases and sciences	2017 - 2018	ISSN:0163-2116E-ISSN:1573-2568

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Design of a novel hybrid intercarrier interference mitigation technique through wavelet implication in an OFDM system	Sarowa, Sandeep, Harmanjeet Singh, Sunil Agrawal, and B. S. Sohi	University Institute of Engineering & Technology	Digital Communications and Networks	2017 - 2018	2468-5925
Emerging Use of Social Media in Drug Trafficking: A Security Perspective	Jaskaran Singh Waraich	Department of Defence and National Security Studies	Diviner	2017 - 2018	9738320
Pinjar mein Rashtra aur Sanskriti, Diviner	Dr. Gurmeet Singh	Department of Hindi	Diviner	2017 - 2018	0973-8320
Improving the biopharmaceutical attributes of mangiferin using vitamin E-TPGS co-loaded self-assembled phosholipidic nano-mixed micellar systems.	Khurana, R.K., Gaspar, B.L., Welsby, G., Katare, O.P., Singh, K.K. and Singh, B.	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research	2017 - 2018	21903948, 2190393X
Fabrication of acyclovir-loaded flexible membrane vesicles (FMVs): evidence of preclinical efficacy of antiviral activity in murine model of cutaneous HSV-1 infection.	Sharma, G., Thakur, K., Setia, A., Amarji, B., Singh, M.P., Raza, K. & Katare, O.P.	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research.	2017 - 2018	21903948, 2190393X
Novel cationic supersaturable nanomicellar systems of raloxifene hydrochloride with enhanced biopharmaceutical attributes.	Jain, A., Kaur, R., Beg, S., Kushwah, V., Jain, S. & Singh, B.	University Institute of Pharmaceutical Sciences	Drug Delivery and Translational Research.	2017 - 2018	21903948, 2190393X
Lanolin based organogel salicylic acid: evidences of better deratokinetic profile in imiquimod-induced keratolytic therapy in BALB/c mice model.	Sharma,G., Devi, N., Thakur, K., Jain, A., Katare, O.P.	University Institute of Pharmaceutical Sciences	Drug Delivery Translational Research.	2017 - 2018	21903948, 2190393X
Topical Delivery of Tetrahydrocurcumin Lipid Nanoparticles Effectively Inhibits Skin Inflammation: In Vitro in Vivo Study.	Kakkar, V., Pal, I.P., Pal, A.P., Saini, K., Singh, K.K.	University Institute of Pharmaceutical Sciences	Drug development and Industrial Pharmacy	2017 - 2018	03639045, 15205762
Recent advances in galactose-engineered nanocarriers for the site-specific delivery of siRNA and anticancer drugs.	Jain, A., Jain, A., Parajuli, P., Mishra, V., Ghoshal, G., Singh, B., Shivhare, U.S., Katare, O.P. & Kesharwani, P.	University Institute of Pharmaceutical Sciences	Drug Discovery Today	2017 - 2018	1359-6446
Administration of antioxidants in cancer: debate of the decade.	Khurana, R.K., Jain, A., Jain, A., Sharma, T., Singh, B. & Kesharwani, P.	University Institute of Pharmaceutical Sciences	Drug Discovery Today.	2017 - 2018	1359-6446
Hybrids of steroid and nitrogen mustard as antiproliferative agents: Synthesis, in vitro evaluation and in silico inverse screening	Pratap Chandra Acharya, Ranju Bansal, Prashant S. Kharkar	University Institute of Pharmaceutical Sciences	Drug Research	2017 - 2018	2194-9379
Microwave mediated synthesis and analytical method development for the estimation of novel 1,4-dihydropyridines in bulk by RP-HPLC, ,	Anupreet Kaur, Jaspreet Kaur and Ranju Bansal	University Institute of Pharmaceutical Sciences	Drug Research	2017 - 2018	2194-9379

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QbD-driven development and evaluation of nanostructured lipid carriers (NLCs) of olmesartan medoxomil employing multivariate statistical techniques.	Beg, S., Saini, S., Bandopadhyay, S., Katare, O.P. & Singh, B.	University Institute of Pharmaceutical Sciences	Drug?Development and Industrial Pharmacy,	2017 - 2018	03639045, 15205762
Lanolin-based organogel of salicylic acid: evidences of better dermatokinetic profile in imiquimod-induced keratolytictherapy in BALB/c mice model	Sharma, G., Devi, N., Thakur, K., Jain, A. & Katare, O.P.	University Institute of Pharmaceutical Sciences	DrugDeliveryandTranslationalRese arch	2017 - 2018	2190-3948
Edaravone: a new hope for deadly amyotrophic lateral sclerosis.	Ranjana Bhandari, Astha Kuhad and Anurag Kuhad	University Institute of Pharmaceutical Sciences	Drugs of Today	2017 - 2018	10. 0900221402
Proton transfer assisted facile encapsulation of picric acid in sol-gel derived silica decorated with azo-azomethine hosts	Mutneja, R., Singh, R., Kaur, V., Wagler, J., Kroke, E., Kansal, S.K.	Department of Chemistry	Dyes and Pigments, 2019, 139, pp. 635-643	2017 - 2018	0143-7208
Internal Caste Cleavages among Dalits in Punjab	Prof. Ronki Ram	Department of Political Science	Economic and Political weekly	2017 - 2018	ISSN (Print) - 0012-9976 ISSN (Online) - 2349-8846
Rise of the Nation State and Beyond (Book Review)	Singh, Paramjit	Department of Economics	Economic and Political Weekly, 52(2): (2017)	2017 - 2018	ISSN (Print) - 0012-9976 ISSN (Online) - 2349-8846
THE LAW APROPS TO DISTRES OF PROPERTY	GURPAL SINGH	P.U. Regional Centre, Muktsar	ECONSPEAK	2017 - 2018	2231-4571
Early Criminological Thought on Delinquent Behaviour: An Evaluation and Critical Assessment, Vol. 7 Issue13	Dr. Aman A Cheema	P.U. Regional Centre, Ludhiana	EDU Light	2017 - 2018	2278-9545
Assessing the Level of Technology Literacy Among Subscribers of Pradhan Mantri Jan Dhan Yojana: An Empirical Study	Tejinderpal Singh	University Business School	EDU WORLD	2017 - 2018	2319-7129
Measuring Financial Literacy Among Subscribers of Pradhan Mantri Jan Dhan Yojana: Inter-State Comparison	Tejinderpal Singh	University Business School	EDUCATION PLUS	2017 - 2018	2277-2405
Managing Literature and References: The Use of Mendeley Software	Tejinderpal Singh	University Business School	EDUCATION TIMES	2017 - 2018	2319-8265

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Job Satisfaction of Special Education Teachers in Inclusive Schools	Dr. Md Saifur Rahman	Department of Community Education & Disability Studies	Education Times- A Peer Reviewed and Refereed International Journal of Education & Humanities	2017 - 2018	Jan to Dec, 2017/ Vol. VII, No. -1, ISSN: 2319-8265: Spl. Issue 2017
Sarva-shiksha-abhiyan interventions: Study of scholastic achievement of students of high and low literacy rate districts of Punjab.	Kumar, S. and Grover, J.	Department of Education	Educational Quest: An International Journal of Education and Applied Social Science, 8 (1), 55-60.	2017 - 2018	2230-7311
The Role of Carvansarais under the Mughals in Medieval India	Meenu (Research Scholar)	Department of History	Edulight	2017 - 2018	2278-9545
Early Criminological Thought on Delinquent behaviour :An Evaluation and Critical assessment	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Edulight, vol. 7, Issue 13	2017 - 2018	2278-9545
Female vulnerability and Cyber Crimes in the era of Information Technology: A Delve into the Perspective of Human Rights’	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	Edulight, Vol.7 Issue 13, 2018	2017 - 2018	2278-9545
Contemporary research in computational thinking: A thematic literature review	Monga, A. and Grover, J	Department of Education	EduTech: e Journal of Education and Technology, Issue 1701, Ref, No. 1701-00006.	2017 - 2018	0975-5004
India and the problem of needless autopsies.	Kanchan, T, Krishan, K, Atreya, A & Dehal, N.	Department of Anthropology	Egyptian Journal of Forensic Sciences, 8 (30),	2017 - 2018	Online ISSN: 2535-1915 Print ISSN: 1687-0875
Loss of fingerprints: forensic implications.	Kanchan, T, & Krishan, K.	Department of Anthropology	Egyptian Journal of Forensic Sciences,8 (19),	2017 - 2018	Online ISSN: 2535-1915 Print ISSN: 1687-0875
A Metric to Compare Vulnerability of the Graphs of Different Sizes	Kushal Kanwar, Harish Kumar and Sakshi Kaushal	University Institute of Engineering & Technology	Electronic Notes in Discrete Mathematics 63 (2017) 525–533	2017 - 2018	15710653
Study of Alexithymia in Relation to General Health, Somatic Health and Social Support among Institutionalized and Non-Institutionalized Adolescents	Roshan Lal	Department of Psychology	Elixir International Journal	2017 - 2018	2229-712X
Cyber Liability insurance in Indi: A Study	Dr Amita Verma	University Institute of Legal Studies	Emphasis A Journal of Social Scences	2017 - 2018	22308253

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Rights on Domestic Workers in India: Soio- Legal Scenario	Dr. Karan Jawanda	University Institute of Legal Studies	Emphasis: A Journal of Social Sciences	2017 - 2018	2230-8253
Capacitive energy storage with optimized controller for frequency regulation in realistic multisource deregulated power system	S. Dhundhara, Y.P. Verma	University Institute of Engineering & Technology	Energy, Volume 147, Pages 1108 - 1128	2017 - 2018	3605442
Silicon and Rhizophagus irregularis: potential candidates for ameliorating negative impacts of arsenate and arsenite stress on growth, nutrient acquisition and productivity in Cajanus cajan (L.) Millsp. genotypes	Garg, N. and Kashyap, L.	Department of Botany	Environ Sci Pollut Res (2017) 24:18520–18535	2017 - 2018	9441344
Ethnoecological survey of underutilized plant diversity of Hamirpur District, Himachal Pradesh, India: An edibility Assessment.	Chand R., Singh A.N. and Nirmala C.	Department of Botany	Environment and Ecology Research	2017 - 2018	ISSN: 2331-6268
Assessment of hydrothermally modified fly ash for the treatment of methylene blue dye in	S. Mor, C. K. Manchanda, S. K. Kansal, R. Khaiwal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environment, Development and Sustainability	2017 - 2018	1573-2975
Techno-economic evaluation of anatase and p25 TiO2 for treatment basic yellow 28 dye solution through heterogeneous photocatalysis	Chawla, P., Sharma, S.K. & Toor, A.P	Energy Research Centre	Environment, Development and Sustainability	2017 - 2018	1387585X, 15732975
Techno-economic evaluation of anatase and p25 TiO2 for treatment basic yellow 28 dye solution through heterogeneous photocatalysis	Pankaj Chawala, S k Sharma, AP Toor	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Environment, Development and Sustainability	2017 - 2018	1387585X
Nanoceuticals governance and market review.	Kakkar, V., Kumar, M., Saini, K.	University Institute of Pharmaceutical Sciences	Environmental Chemistry Letters	2017 - 2018	16103653
Correlation of edge truncation with antibacterial activity of plate-like anisotropic silver nanoparticles	Divya Goyal, Gaganpreet Kaur, Rupinder Tewari, Rajesh Kumar	Department of Physics	Environmental Science and Pollution Research	2017 - 2018	1614-7499
Removal of fluoroquinolone from aqueous solution using graphene oxide: Experimental and computational elucidation	Sarita Yadav, Neetu Goel, Vinod Kumar, K. B. Tikoo and Sonal Singhal	Department of Chemistry	Environmental Science and Pollution Research	2017 - 2018	0944-1344
Evaluating the protective efficacy of Silybum marianum against deltamethrin induced hepatotoxicity in piscine model.	Jindal, R., Sinha, R., Brar, P.	Department of Zoology	Environmental Toxicology and Pharmacology,	2017 - 2018	1382-6689
Emergence of Service Sector as the largest Sector in India: A Re examination	Shergill, Amrita	Department of Economics	EPRA International Journal of Economics and Business Review, 5(10)	2017 - 2018	2349-0187
Dependence of structure factor and correlation energy on the width of electron wires	K.N. Pathak et al.	Department of Physics	Eur Phy.B. 91:29	2017 - 2018	

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A systematic analysis of Prunus species with a focus on management plan of Prunusafricana (Hook.f.) Kalkman: An autochthon plant of Africa.	Karan, M., Jena, A.K., Sharma, N. and Vasisht, K.	University Institute of Pharmaceutical Sciences	Eur. J. Med. Plants,	2017 - 2018	2231-0894
Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV Eur.Phys.J. C77 (2017) no.6, 389.	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C (2017) 77:389	2017 - 2018	14346052
Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV Eur.Phys.J. C77 (2017) no.8, 550.	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C (2017) 77:550	2017 - 2018	14346052
Energy dependence of forward-rapidity J/ψ and $\psi(2S)$ production in pp collisions at the LHC Eur.Phys.J. C77 (2017) no.6, 392.	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. C 77 (2017) 392	2017 - 2018	14346052
Determination of the event collision time with the ALICE detector at the LHC Eur.Phys.J.Plus 132 (2017) no.2, 99.	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur. Phys. J. Plus (2017) 132: 99	2017 - 2018	14346052
Lifetime measurements in shape transition nucleus ^{188}Pt	A.Rohilla, C.K.Gupta, R.P.Singh, S.Muralithar, S.Chakraborty, H.P.Sharma, A.Kumar, I.M.Govil, et al.	Department of Physics	Eur.Phys. J. A 53, 64 (2017)	2017 - 2018	xx
Challenges in QCD physics --The scientific programme of the Compressed Baryonic Matter experiment at FAIRmatter	Kumar, L. (STAR Collaboration)	Department of Physics	Eur.Phys.J. A53 (2017) no.3, 60.	2017 - 2018	14346052
Measurement of deuteron spectra and elliptic flow in Pb–Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV at the LHC	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur.Phys.J. C77 (2017) no.10, 658.	2017 - 2018	14346052
Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s}=0.9, 7$, and 8 TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur.Phys.J. C77 (2017) no.12, 852.	2017 - 2018	14346052
Measurement of azimuthal correlations of D mesons and charged particles in pp collisions at $\sqrt{s}=7$ TeV and p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur.Phys.J. C77 (2017) no.4, 245.	2017 - 2018	14346052
Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV.	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur.Phys.J. C77 (2017) no.5, 339, Eur.Phys.J. C77 (2017) no.9, 586.	2017 - 2018	14346052

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Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s}=7\sqrt{\mathrm{s}}$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Eur.Phys.J. C77 (2017) no.8, 569.	2017 - 2018	14346052
Search for third-generation scalar leptoquarks decaying to a top quark and a τ aut lepton at $s=\sqrt{s}=s=13$ TeV	V. Bhatnagar et. al.,	Department of Physics	Eur.Phys.J.C 78 (2018) 707	2017 - 2018	14346052
Measurement of the $Z\gamma^*\rightarrow\tau\tau$ $\mathrm{Z}\gamma^{*}\rightarrow\tau\tau$ cross section in pp collisions at $s=\sqrt{s}=s=13$ TeV and validation of τ aut lepton analysis techniques	V. Bhatnagar et. al.,	Department of Physics	Eur.Phys.J.C 78 (2018) 9, 708	2017 - 2018	14346052
R. An appraisal of prodigal loss of vigour and vitality of bamboo seeds	Prof. Richa Puri	Department of Botany	European Journal of Biomedical and Pharmaceutical Sciences	2017 - 2018	2349-8870
Therapeutic potential of two potent honey bee products against the toxicity caused by Salmonella enterica serovar Typhimurium in murine model: A Biochemical study	R Kaur, P Kalia, NR Kumar, K Harjai	Department of Zoology	European Journal of Biomedical and Pharmaceutical Sciences	2017 - 2018	2349-8870
Evaluation of 99mTc-resveratrol as a colon cancer targeting probe	Kamal R., Dhawan D.K. and Chadha V.D	Department of Biophysics	European journal of cancer care	2017 - 2018	ISSN 09615423
Effect of thermal gradation on steady state creep of functionally graded rotating disc	Tania Bose and Minto Rattan	University Institute of Engineering & Technology	European Journal of Mechanics / A Solids	2017 - 2018	9977538
A systematic analysis of Prunus species with a focus on management plan of Prunus africana (Hook.f.) Kalkman: An autochthon plant of Africa.	Karan, M., Jena, A.K., Sharma, N. and Vasisht, K.	University Institute of Pharmaceutical Sciences	European Journal of Medicinal Plants	2017 - 2018	2231-0894
Enhancing biopharmaceutical performance of an anticancer drug by long chain PUFA based self-nanoemulsifying lipidic nanomicellar systems.??	Khurana, R.K., Beg, S., Burrow, A.J., Vashishta, R.K., Katare, O.P., Kaur, S., Kesharwani, P., Singh, K.K. &&&&&& Singh, B.	University Institute of Pharmaceutical Sciences	European Journal of Pharmaceutics and Biopharmaceutics,	2017 - 2018	0939-6411
Enhancing biopharmaceutical performance of an anticancer drug by long chain PUFA based self-nanoemulsifying lipidic nanomicellar systems.	Khurana, R.K., Beg, S., Burrow, A.J., Vashishta, R.K., Katare, O.P., Kaur, S., Kesharwani, P., Singh, K.K. & Singh, B.	University Institute of Pharmaceutical Sciences	European Journal of Pharmaceutics and Biopharmaceutics.	2017 - 2018	0939-6411
Synergistic action of ursolic acid and metformin in experimental model of insulin resistance and related behavioral alterations	Ashish Mourya, Ansab Akhtar, Swati Ahuja, Sangeeta Pilkhwal Sah, Anil Kumar	University Institute of Pharmaceutical Sciences	European Journal of Pharmacology	2017 - 2018	0014-2999 (print); 1879-0712 (web)

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Analysis and recognition of operations using SEMG from upper arm muscles	Veer, K., Vig, R	University Institute of Engineering & Technology	Expert Systems	2017 - 2018	0266-4720
An intelligent scheduling scheme for real-time traffic management using Cooperative Game Theory and AHP-TOPSIS methods for next generation telecommunication systems	Tanu Goyal, Sakshi Kaushal	University Institute of Engineering & Technology	Expert Systems With Applications 86 (2017) 125–134	2017 - 2018	9574174
A feature reduced intrusion detection system using ANN classifier	Akashdeep, ishfaq Manzoor, Neeraj	University Institute of Engineering & Technology	Expert Systems With Applications 88 (2017) 249–257	2017 - 2018	9574174
The impact of invasive Hyptis suaveolens on the floristic composition of the periurban ecosystems of Chandigarh, northwestern India Anita	Sharma A., Batish, D R, Singh, H.P., Jayrana V, Kohli, R.K.	Department of Environment Studies	Flora	2017 - 2018	0367-2530
The impact of invasive Hyptissuaveolens on the floristic composition of the periurban ecosystems of Chandigarh, North Western India	Sharma, Anita, Batish, D. R., Jaryan, V., H.P. Singh, and Kohli, R. K.	Department of Botany	Flora	2017 - 2018	0367-2530
The impact of invasive Hyptis suaveolens on the floristic composition of the periurban ecosystems of Chandigarh, northwestern India	Sharma, A., Batish, D.R., Singh, H.P., Jaryan, V., Kohli, R.K.	Department of Botany	Flora: Morphology, Distribution, Functional Ecology of Plants	2017 - 2018	3672530
Sita: An Earth Born Princess	Heena (Research Scholar)	Department of History	Focus: An International Journal of Social Sciences	2017 - 2018	2455-0035
Effect of bacteriocin and exopolysaccharides isolated from probiotic on P. aeruginosa PAO1 biofilm.	Sharma, V., Harjai, K. and Shukla, G.	Department of Microbiology	Folia Microbiologica	2017 - 2018	155632
Effect of bacteriocin and exopolysaccharides isolated from Probiotic on P.aeruginosa PAO1 biofilm. Folia Microbiol. DOI 10.1007/S12223-017-0545-4.	Sharma, V., Harjai, K., Shukla, G.	Department of Microbiology	Folia Microbiologica	2017 - 2018	0015-5632
Probiotic attributes and prevention of LPS-induced pro-inflammatory stress in RAW264. 7 macrophages and human intestinal epithelial cell line (Caco2) by newly isolated Weissella cibaria strains.doi: 10.1039/c7fo00469a	Singh S, Bhatia R, Singh A, Singh P, Kaur R, Khare P, Purama RK, Boparai RK, Rishi P, Ambalam P, Bha	Department of Microbiology	Food & Function	2017 - 2018	20426496
Evidence of similar protective effects afforded by white tea and its active component ‘EGCG’ on oxidative-stress mediated hepatic dysfunction during benzo(a)pyrene induced toxicity	Rangi S. Dhatwalia S.K., Bhardwaj P., Kumar M. and Dhawan D.K	Department of Biophysics	Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association	2017 - 2018	0278-6915 (Print) 1873-6351 (Electronic) 0278-6915 (Linking)

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Kodo millet whole grain and bran supplementation prevents high-fat diet induced derangements in a lipid profile, inflammatory status and gut bacteria in mice.	Sarma SM, Khare P, Jagtap S, Singh DP, Baboota RK, Podili K, Boparai RK, Kaur J, Bhutani KK, Bishnoi	University Institute of Engineering & Technology	Food and function	2017 - 2018	20426496
Detection and localization of copy-paste forgeries in digital videos	Raahat Devender Singh, Naveen Aggarwal	University Institute of Engineering & Technology	Forensic Science International 281 (2017) 75–91	2017 - 2018	18724973
Amifostine analog, DRDE-30, attenuates bleomycin-induced pulmonary fibrosis in mice	Prof. Rajat Sandhir	Department of Biochemistry	Front Pharmacol	2017 - 2018	16639812
Survey of High Throughput RNA-Seq Data Reveals Potential Roles for lncRNAs during Development and Stress Response in Bread Wheat	Dr. S.K. Upadhyay	Department of Botany	Front. Plant Sci.	2017 - 2018	1664-462X
Morbid sequences suggest molecular mimicry between Microbial peptides and antigens: A possibility of inciting Autoimmunity	Susanta Pahari, Deepyan Chatterjee, Shikha Negi, Jagdeep Kaur, Javed N Agrewala	Department of Biotechnology	Frontiers in Microbiology	2017 - 2018	1664-302X
Placental Malaria: a new insight into the pathophysiology. Front Med (Lausanne), 4:117; doi: 10.3389/fmed.2017.00117	Sharma L and Shukla G (2017)	Department of Microbiology	Frontier in medicine	2017 - 2018	
Pathway Editing Targets for Thiamine Biofortification in Rice Grains of an Efficient Transformation System for Halotolerant Yeast <i>Debaryomyces hansenii</i> CBS767	Anu Priya Minhas, Rakesh Tuli, Sanjeev Puri.	University Institute of Engineering & Technology	Frontier in plant science	2017 - 2018	18788181
A Novel Approach for Combating <i>Klebsiella pneumoniae</i> Biofilm Using Histidine Functionalized Silver Nanoparticles.	Chhibber S, Gondil VS, Sharma S, Kumar M, Wangoo N, Sharma RK.	Department of Microbiology	Frontiers in Microbiology	2017 - 2018	1664-302X
Food legumes and rising temperatures: effects, adaptive functional mechanisms specific to reproductive growth stage and strategies to improve heat tolerance.	Prof. Harsh Nayyar	Department of Botany	Frontiers in Plant Science	2017 - 2018	ISSN: 1664-462X
Identification of high-temperature tolerant lentil (<i>Lens culinaris</i> Medik.) genotypes through leaf and pollen traits	Prof. Harsh Nayyar	Department of Botany	Frontiers in Plant Science	2017 - 2018	ISSN: 1664-462X
A novel energy-efficient ICI cancellation technique for bandwidth improvements through cyclic prefix reuse in an OFDM system	Sarowa, Sandeep, Harmanjeet Singh, Sunil Agrawal, and B. S. Sohi	University Institute of Engineering & Technology	Frontiers of Information Technology & Electronic Engineering	2017 - 2018	2095-9184

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Osseous and digital subtraction angiography image fusion via various enhancement schemes and Laplacian pyramid transformations.	Dogra, Ayush, Bhawna Goyal, and Sunil Agrawal	University Institute of Engineering & Technology	Future Generation Computer Systems	2017 - 2018	0167-739X
Two-dimensional gray scale image denoising via morphological operations in NSST domain & bitonic filtering.	Goyal, Bhawna, Ayush Dogra, Sunil Agrawal, and B. S. Sohi	University Institute of Engineering & Technology	Future Generation Computer Systems	2017 - 2018	0167-739X
mbtJ, an iron stress induced acetyl hydrolase/esterase of M. tuberculosis helps bacteria to survive during iron stress	Chownk, M, Kaur J, Singh, K, Kaur, J	Department of Biotechnology	Future Microbiology	2017 - 2018	1746-0913
Andha Yug	Dr. Navdeep Kaur	Department of Indian Theatre	GALAXY	2017 - 2018	2319-8508
Characterization of ML0314c of Mycobacterium leprae and deciphering its role in the immune response in leprosy patients	Kaur G, Sharma A, Narang, T, Dogra S, Jagdeep Kaur	Department of Biotechnology	Gene	2017 - 2018	0378-1119
Genome Sequence of Kocuria polaris Strain CD08_4, an Isolate from the Duodenal Mucosa of a Celiac Disease Patient	Chander A.M., Kumari M., Kochhar R.,Dhawan D.K., Bhadada S.K. and Mayilraj S	Department of Biophysics	Genome Announcements	2017 - 2018	E-ISSN:2169-8287
Genome assembly of Chryseobacterium sp. strain IHBB 10212 from glacier top-surface soil in the Indian trans-Himalayas with potential for hydrolytic enzymes.	Pal M., Swarnkara M.K., Dhara H., Chhibber S. and Gulatia A.	Department of Microbiology	Genomics Data	2017 - 2018	22135960
Schwertmannite stability in anoxic Fe(II)-rich aqueous solution.	Paikaray, S., Schröder, C., Peiffer, S.	Department of Geology	Geochimica et Cosmochimica Acta	2017 - 2018	0016-7037
Asteriacites and other trace fossils from the Po Formation (Visean–Serpukhovian), Ganmachidam Hill, Spiti Valley (Himalaya) and its paleoenvironmental significance. Geologica Carpathica	Singh, B.P., Bhargava, O.N., Mikuláš, R., Prasad, S.K., Singla, G., Kaur, R.,	Department of Geology	Geologica Carpathica	2017 - 2018	13350552
Global Ecology and Sustainable Development: A Study in Gandhian Perspective	Dr. Manish Sharma	Department of Gandhian and Peace Studies	Global Processes	2017 - 2018	2640-8848
Two distinct sources of 1.73-1.70 Ga A-type granites from northern Aravalli orogen, NW India: Constraints from in situ zircon U-Pb ages and Lu-Hf isotopes	Kaur, P., Zeh, A. and Chaudhri, N. Eliyas, N.	Department of Geology	Gondwana Research (Elsevier)	2017 - 2018	1342-937X
Metallosurfactant based Pd–Ni alloy nanoparticles as a proficient catalyst in the Mizoroki Heck coupling reaction	Navneet Kaur,Gurpreet Kaur, Aman Bhalla, Jaspreet S. Dhau and Ganga Ram Chaudhary	Department of Chemistry	Green Chemistry, Vol: 20, 2018	2017 - 2018	1463-9270

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A Safe, Efficient and Environment Friendly Biosynthesis of Silver Nanoparticles using LeucaenaLeucocephala Seed Extract and its Antioxidant, Antimicrobial, Antifungal Activities and Potential in Sensing.	Rajeev Kumar, Priyanka Sharma, Aditi Bamel, Sushma Negi and Savita Chaudhary	Department of Environment Studies	Green Processing and Synthesis	2017 - 2018	2191-9550
Migration and Marginality : A Hope of Survival for Mali's in the Metro (Tricity, Mohali)	Mr. Vinod Kumar	Department of Sociology	Grip - The Standard Research	2017 - 2018	22788123
Genome sequence and comparative genomic analysis of a clinically important strain CD11-4 of Janibacter melonis isolated from ceilic disease patient	Chander A.M., Kochhar R., Dhawan D. K., Bhadada S.K., Mayilraj S.	Department of Biophysics	Gut Pathogens	2017 - 2018	ISSN:1757-4749
A comparative Study of role efficacy among employees of selected manufacturing and IT firms	Rupinder Bir Kaur	University Business School	Gyan Management	2017 - 2018	0974-7621
Development and validation of IHES measuring ICT integration among faculty members in Indian Higher Education sector	Bushra S.P.Singh, Meenakshi Malhotra	University Business School	Gyan management	2017 - 2018	0974-7621
Technological transformation of the public distribution system: Prospects and challenges	Raj, T.	University Business School	GYAN MANAGEMENT	2017 - 2018	0974-7621
The Dynamism of Cyberloafing in Digital World	Rupinder Bir Kaur	University Business School	GYAN Manangement	2017 - 2018	
Evinced E-learning published research in Scopus Database from 2007-2016: The scientometric study	Neeru Gupta, Nirupma Chohda	A C Joshi Library	Gyankosh: the journal of library and information Management	2017 - 2018	2229-4023
Study the interaction effect between Burnout and Personality Hardness on organizational role stress	Kaur, S & Sachdeva, R	University School of Open Learning	Gyanodaya	2017 - 2018	ISSN 974-1801
Social audit of mid day meal scheme in Punjab.	Grover, J. and Kaur, K.	Department of Education	Gyanodaya - The Journal of Progressive Education, 10(2), 1-8.	2017 - 2018	2229-4422
Dharampal Gupta Wafa	Dr. Ali Abbas	Department of Urdu	Hamari Zaban, Taraqqi-e-Urdu	2017 - 2018	24568511
Physiological Basis for the Tolerance of Yeast Zygosaccharomyces bisporus to Salt Stress	Prof. Sukesh Chander Sharma	Department of Biochemistry	HAYATI Journal of Biosciences	2017 - 2018	19783019, 20864094
Structural and electronic investigation of ZnO Nanostructures sssynthesized under different environments (2018) Heliyon, 4(4), art. No. e00594.	Bhardwaj, R., Bharti, A., Singh, J.P., Chae, K.H., Goyal, N., Gautam, S.	Department of Physics	Heliyon	2017 - 2018	2405-8440
Structural and electronic investigation of ZnO nanostructures synthesized under different environments	Richa Bhardwaj, Amardeep Bharti, Jitendra P Singh, Keun Hwa Chae, Navdeep Goyal, Sanjeev Gautam	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	heliyon	2017 - 2018	2405-8440

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Lycopene treatment stalls the onset of experimentally induced hepatocellular carcinoma: a radioisotopic, physiological and biochemical analysis	Bhatia N, Singh B, Koul A	Department of Biophysics	Hepatoma Research	2017 - 2018	ISSN 2454-2520 (Online) ISSN 2394-5079 (Print)
Seasonal variations in the biochemical content of a hornwort <i>Phaeoceros himalayensis</i> (Kashyap) Prosk. Hikobia	Thakur, S., Kapila, S. and Devi, K.	Department of Botany	Hikobia	2017 - 2018	E-ISSN: 0046-7413
International Migration from India	Smita Bhutani, Simrit Kahlon	Department of Geography	Hill Geographer	2017 - 2018	0970-5023
B.R. Ambedkar and Democratic Social Order in India	Dr. Navjot	Department of Political Science	Himalayan Journal of Contemporary Research,	2017 - 2018	ISSN-2319-3174
Role of Energy in Indo-Iranian Relations	Priya	Department of Defence and National Security Studies	HIndu	2017 - 2018	23480114
An Overview of Friction Stir Welding of Metal Matrix Composites	Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	IAETSD Journal for Advanced Research in Applied Sciences Vol.05, Issue 1, 2018, pp.236-242.	2017 - 2018	2394-8442
Usage of N-LIST E-Resources in Select Degree Colleges affiliated to Panjab University, Chandigarh: A Critical Analysis.	Dr. Rupak Chakravarty and Shivani Kaushal	Department of Library & Information Science	IASLIC Bulletin	2017 - 2018	0018-8441
Usage of Print and Electronic Resources among Undergraduate Students of National Institution of Technology, Jaipur (India): An Assessment	Nirupma Chohda	A C Joshi Library	IASLIC Bulletin	2017 - 2018	0018-8441
Developments in Provisioning of School Education in Punjab (India): in the Era of Neo-liberal Reforms: Insights from NSS Data	Dr Angrej Singh Gill	P.U. Rural Centre, Kauni, Muktsar	IASSI Quarterly	2017 - 2018	
From multi-scale decomposition to non-multi-scale decomposition methods: a comprehensive survey of image fusion techniques and its applications	Dogra, Ayush, Bhawna Goyal, and Sunil Agrawal	University Institute of Engineering & Technology	IEEE Access	2017 - 2018	2169-3536
Self-Stabilized Carbon-L10 FePt Nanoparticles for Heated Dot Recording Media	Rohit Medwal, Sanjeev Gautam, Surbhi Gupta, Keun Hwa Chae, Kandasami Asokan, Gulam Roshan Deen, Rajd	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	IEEE Magnetics Letters	2017 - 2018	1949-307X
Gate diffusion input based 4-bit vedic multiplier	Ankit Garg, Garima Joshi	University Institute of Engineering & Technology	IET Circuits, Devices & Systems	2017 - 2018	1751-858X
Lung field segmentation in chest radiographs: a historical review, current status, and expectations from deep learning	Ajay Mittal, Rahul Hooda, Sanjeev Sofat	University Institute of Engineering & Technology	IET Image Process., 2017, Vol. 11 Iss. 11, pp. 937-952	2017 - 2018	20513305

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Quantitative metric for MR brain tumor grade classification using sample space density measure of analytic intrinsic mode function representation	Taranjit Kaur, Barjinder Singh Saini and Savita Gupta	University Institute of Engineering & Technology	IET Image Process., 2017, Vol. 11 Iss. 8, pp. 620-632	2017 - 2018	20513305
Synthesis of Biosurfactant Coated Magnesium Oxide Nanoparticles for Methylene Blue Removal and Selective Pb2+ Sensing	(V. Kumar, A. Jain, S.Wadhwan, S.K.Mehta)	Department of Chemistry	IET Nanobiotechol.	2017 - 2018	1751-8741
Simulation of a new technique for vibration tests, based upon active vibration control	BK Sarabi, M Sharma, D Kaur	University Institute of Engineering & Technology	IETE Journal of Research 63 (1), 80-88	2017 - 2018	3772063
Contemporary issues in India teacher education	Supreet Kaur	University School of Open Learning	IJARD	2017 - 2018	2455-4197
Structural and functional insights into thermostable and organic solvent stable variant Pro247-Ser of Bacillus lipase	Nisha Chopra, Arbind Kumar, Jagdeep Kaur	Department of Biotechnology	IJBM	2017 - 2018	0141-8130
Study of self perception in relation to academic achievement of gifted underachievers	Supreet Kaur	University School of Open Learning	IJCRT	2017 - 2018	2320-2882
Vocational education and Socio-economic status	Supreet Kaur	University School of Open Learning	IJCRT	2017 - 2018	2320-2882
Effect of Teaching Graphic organizers on academic achievement in science of VII graders	Kaur, S & Kamini	University School of Open Learning	IJIRE	2017 - 2018	ISSN 2346-6060
A Study on awareness of electronic waste	Dr. Nidhi Gautam	University Institute of Applied Management Sciences	IJRB	2017 - 2018	2455-2992
Companies Act, 2013 & CSR Rules, 2014 viz a viz Corporate Social Responsibility in India: A Critical Overview with Special Reference to Environment Pollution	Dr. Aman A Cheema	P.U. Regional Centre, Ludhiana	IJRESS	2017 - 2018	2249-7382
Companies Act, 2013 & CSR Rules, 2014, vis a vis Corporate Social Responsibility in India : A Critical Overview with Special	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	IJRESS, vol. 7 Issue 12	2017 - 2018	2249-7382
Indian sign language recognition using Krawtchouk moment-based local features	Kaur, B., Joshi, G., Vig, R	University Institute of Engineering & Technology	Imaging Science Journal	2017 - 2018	1368-2199
Distribution pattern, threats, and status of conservation of Indian Orchids with particular reference to Northwestern Himalaya	Prof. Promila Pathak	Department of Botany	In: Proc. 12th Asia Pacific Orchid Conference (ed. Supattra Letwattankiat) pp104. Post Tech, Thong Song Hong, Lak Si, Bangkok, Thailand.	2017 - 2018	22885404
AGRARIAN CRISIS IN PUNJAB: AN EXPLORATORY STUDY IN SIRSARI VILLAGE OF FARIDKOT TEHSIL, DISTRICT FARIDKOT, PUNJAB	NAVNEET KAUR GILL, RAJAN GAUR AND AMANDEEP KAUR	Department of Anthropology	Ind. J. Phys. Anthropol & Hum. Genet. Vol. 37, No. 1 & 2, (2018) : 285-293	2017 - 2018	285-293

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Machinability and Wear of Aluminum based Metal Matrix Composites by MQL - A Review, Material Science Research	Dr. Harinder Singh Bains	P.U. S.S. Giri Regional Centre, Hoshiarpur	India Journal- UGC REF. 48488	2017 - 2018	Print: 0973-3469, Online: 2394-0565
Moving Beyond Nation State: Framing State Level Politics in India'	Prof. Ashutosh Kumar	Department of Political Science	India Review	2017 - 2018	INDIA REVIEW 2017, VOL. 16, NO. 3, 277–303
Batch adsorption studies on the removal of ciprofloxacin hydrochloride from aqueous solution using ZnO nanoparticles and groundnut (Arachis hypogaea) shell powder: a comparison	Neeta Sharma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Indian Chemical Engineer	2017 - 2018	
Effect of Fe(II) on the Adsorption of Mn(II) from Aqueous Solution Using Esterified Saw Dust: Equilibrium and Thermodynamic Studies	Neeta Sharma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Indian Chemical Engineer	2017 - 2018	
Optimisation of Cobalt Loading on γ - Al ₂ O ₃ for Total Oxidation of Methane	Maninder Kumar, Gaurav Rattan, Ram Prasad	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Indian Chemical Engineer	2017 - 2018	0975007X, 00194506
Ethnobotanical study of fodder plant resources in district Mandi, Himachal Pradesh	Prof. M.C. Sidhu	Department of Botany	Indian Forester 143(6): 595-601	2017 - 2018	0019-4816
Neuroprotective effects of Aegle marmelos (L.) Correa against cadmium toxicity by reducing oxidative stress and maintaining the histoarchitecture of neural tissue in BALB/c mice	E Seth, S Kaushal, A U Ahsan, V L Sharma, M Chopra	Department of Zoology	Indian Journal of Biochemistry and Biophysics	2017 - 2018	0301-1208
Cellulose fibre extracted from Napier grass in PVA Composites	Amandeep kaur, Hema Setia, R K Wanchoo	University Institute of Engineering & Technology	Indian Journal of Chemical Technology	2017 - 2018	ISSN:0971-457X
Increased Nuclear Factor- κ B/RelA Expression Levels in Human Colorectal Carcinoma in North Indian Patients	Negi R.R., Rana .S.V., Gupta R.,Gupta V.Chadha V.D. and Dhawan D.K	Department of Biophysics	Indian Journal of Clinical Biochemistry (Oct-Dec 2018) 33(4):473–478	2017 - 2018	ISSN:0970-1915E- ISSN:0974-0422
Extending self efficacy from predicting to execution	H.K. Chhabra and Parveen, H.	Department of Psychology	Indian Journal of Community Psychology	2017 - 2018	0974-2719
Modified Genetic Algorithm Based Solution For Task Scheduling in Cloud Environment	Sumandeep Kaur, Ravreet Kaur, N. Kaur	University Institute of Engineering & Technology	Indian Journal of Computer Science and Engineering (IJCSE)	2017 - 2018	9765166
Caste System and Egalitarian Society in India,	Dr. Navjot	Department of Political Science	Indian Journal of Dalit and Tribal Studies	2017 - 2018	ISSN-2348-1757

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Evaluation of Oral Health Knowledge, Attitude, and Practices among Diabetics in a Northern Union Territory of India.	Dr Jyoti Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Indian journal of Dental Sciences	2017 - 2018	ISSN 2231-2293
China's export performance during liberalized era	Singh, K. (Singla, S.K. & Singh, J.)	University Business School	Indian Journal of Economics and Development	2017 - 2018	2322-0430
Development of ITC E- Choupal Based Rural Financial Inclusion Model. pp20-32	Shikha Sharma, Sharma S.K	University Institute of Applied Management Sciences	Indian Journal of Finance, (2017)	2017 - 2018	0973-8711
Biomarker enzyme activities and ultrastructure of liver of the grass carp Ctenopharyngodon idella (Valenciennes, 1844) exposed to the organophosphate pesticide chlorpyrifos.	R Jindal, M Kaur.	Department of Zoology	Indian Journal of Fisheries,	2017 - 2018	0970-6011
Genotoxicity assessment of cadmium chloride in Labeo rohita (Hamilton, 1822) based on induction of micronuclei and other nuclear abnormalities.	R Jindal, S Verma	Department of Zoology	Indian Journal of Fisheries,	2017 - 2018	0970-6011
Impact of Impulsiveness on Mobile Phone Addiction	Seema Vinayak and M Malhotra	Department of Psychology	Indian Journal of Health, Research and Welfare	2017 - 2018	2229-5356
Leukocyte Cell Population Data for Hematology Analyzer-Based Distinction of Clonal-versus-Non-Clonal Lymphocytosis: A Real-World Testing Experience	Rastogi P, Sharma P, Varma N, Sukhachev D, Kaushal N, Bihana I, Sachdeva M U S, Naseem S, Malhotra P	Department of Biophysics	Indian Journal of Hematology and Blood Transfusion	2017 - 2018	ISSN 09714502
Substituted pyrazole-4-carbaldehydes as precursors for synthesis of some new organoselenium compounds	(S Pundir, S.K. Mehta, KK Bhasin)	Department of Chemistry	Indian journal of heterocyclic chemistry	2017 - 2018	0971-1627
Living Conditions and Consumption Standard of Rural Dalits: A Comparison across the States	Shergill,H.S.	Department of Economics	Indian Journal of Human DevelopmentVolume: 11 issue: 1, page(s): 76-88 Article first published online: October 24, 2017; Issue published: April 1, 2017	2017 - 2018	ISSN 0973-7030
Export Surplus and the Complementariness among Countries: A Note	Padhi.S.P.	Department of Economics	Indian Journal of Industrial Relation, 53(4)	2017 - 2018	0019-5286
Are Celebrity Endorsements Worth It ? Evidence from Listed Firms in India	Dr. Jagandeep Singh	University Institute of Applied Management Sciences	Indian Journal of Marketing	2017 - 2018	0973-8703
Bio-prospecting Bacterial Diversity of Hot Springs in Northern Himalayan Region of India for Laccases	Gupta V, Capalash N, Gupta N and Sharma P	Department of Biotechnology	Indian Journal of Medical Microbiology	2017 - 2018	0255-0857

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Management of Staphylococcus Mediated Systemic Infection by Enhancing the Resurging Activity of Co-trimoxazole in Presence of Cryptdin-2. , 57(4), 438-447.	Kaur, A., Chabba, S. K., Kaur, U. J., Kaur, A., Preet, S., & Rishi, P. (2017).	Department of Microbiology	Indian journal of microbiology	2017 - 2018	468991
Tackling Salmonella Persister Cells by Antibiotic–Nisin Combination via Mannitol. Indian journal of microbiology, 58(2), 239-243.	Rishi, P., Bhagat, N. R., Thakur, R., &&& Pathania, P. (2018).	Department of Microbiology	Indian Journal of Microbiology	2017 - 2018	0255--0857
Effect of Neem and Bacillus thuringiensis on Egg Hatching of Meloidogyne incognita. Indian Journal of Nematology, 48(1), pp.36-41.	H Kaur, P Rishi	Department of Microbiology	Indian Journal of Nematology	2017 - 2018	0303-6960
Morpho-physiological variability and fat patterning among males aged 30-69 years of Kalpa Valley, District Kinnaur.	Talwar, Indu, Kahlon, Gurlal, Chadgal, Sonam & Arora, Jasbir	Department of Anthropology	Indian Journal of Physical Anthropology & Human Genetics. 36 (1) :71-83	2017 - 2018	0378-8156
Prevalence of Dental Caries in relation to Oral Hygiene, Diet and Socioeconomic Factors among Muslim children of Faridabad District, Haryana.	Sethi, Swati, Gaur, Rajan, Jain, Ashish & Sharma, Vijay Lakshmi.	Department of Anthropology	Indian Journal of Physical Anthropology & Human Genetics. 36. (1): 39-49	2017 - 2018	0378-8156
ASSOCIATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) AND BODY MASS INDEX AMONG ASIAN POPULATIONS: A REVIEW	Amanjot Singh, R.K. Pathak, Vipin Gupta and Verinder Saini	Department of Anthropology	Indian Journal of Physical Anthropology & Human Genetics.36(1): 101-116	2017 - 2018	0378-8156
Body composition and fat patterning among adolescent Bhail girls of District Udaipur, Rajasthan.	Talwar, Indu, Kaur, Rajpinder & Chadgal, Sonam	Department of Anthropology	Indian Journal of Physical Anthropology & Human Genetics.36(1): 101-116	2017 - 2018	0378-8156
Stature estimation from bi-epicondylar dimeter of humerus and bicondylar dimeter of femur of Baiga, Gond and Oraon tribes of Chhattisgarh.	Sahni, Ramesh Gaur, Rajan.	Department of Anthropology	Indian Journal of Physical Anthropology & Human Genetics. 36 (1):65-70	2017 - 2018	0378-8156
Influence Of Height, Weight And Bmi On Menarcheal Status Of Adolescent Girls of Nahan Area, Sirmaur District, Himachal Pradesh.	Gaur, Rajan & Amandeep	Department of Anthropology	Indian Journal of Physical Anthropology and Human Genetics. 36(2): 207-218	2017 - 2018	0378-8156
Selenium as a nutrient in biostimulation and biofortification of cereals	Prof. Harsh Nayyar	Department of Botany	Indian Journal of Plant Physiology	2017 - 2018	ISSN: 00195502, 09740252
A Study of Locus of control and Achievement Motivation at Two Levels of Self Efficacy	Roshan Lal	Department of Psychology	Indian Journal of Psychological Science, Volume 8 Issue 2	2017 - 2018	9769218
A study of age at natural menopause and associated factors among rural menopausal women of Kanpur, India.	Thakur,Monika Kaur, Maninder and Sinha,A.K	Department of Anthropology	Indian Journal of Psychological Science. 9(1): 144-160.	2017 - 2018	0976-9218

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Incidence of postnatal depression among rural Khasi women of a village of district RiBhoi, Meghalaya.	Jha, Nutan Kumari, & Sinha,A.K	Department of Anthropology	Indian Journal of Psychological Science. 9(1): 161-167. Chandigarh: National Association of Psychological Science.	2017 - 2018	0976-9218
Psychological perspectives on impact of ICT in education policies in rural schools in India.	Khatri, Avanee & Sinha, A.K	Department of Anthropology	Indian Journal of Psychological Science. 9(1): 161-167. Chandigarh: National Association of Psychological Science.	2017 - 2018	0976-9218
Adolescent sexuality and sex education	Mahajan, Madhurima	University School of Open Learning	Indian Journal of Psychology and Education	2017 - 2018	ISSN 2232-1432
Critical analysis of quality of master of education programme through open and distance learning.	Grover, J.	Department of Education	Indian Journal of Psychology and Education, 7(2), 67-76.	2017 - 2018	2231-1432
Towards ICT Enabled Land Administration System in India: A Case Study of Haryana (First Author)	Dr. Navreet (Co-Author)	Department of Public Administration	Indian Journal of Public Administration	2017 - 2018	0019-5561
Effect of Multi-Walled Carbon Nanotubes (MWCNT) on Mechanical Properties of Acrylonitrile Butadiene Styrene (ABS) Nano-Composite	S. Kapoor, M. Goyal, and P. Jindal	University Institute of Engineering & Technology	Indian Journal of Science and Technology	2017 - 2018	0974-6846
Elastic Modulus Behavior of Multi-Walled Carbon Nano-Tubes / Polyurethane Composites using Nano- Indentation Techniques	D. Kumar, N. Kumar, and P. Jindal	University Institute of Engineering & Technology	Indian Journal of Science and Technology	2017 - 2018	0974-6846
Preparation , Characterization and Study of Mechanical Properties of Graphene / ABS Nano- Composites	V. Sharma, M. Goyal, and P. Jindal	University Institute of Engineering & Technology	Indian Journal of Science and Technology	2017 - 2018	0974-6846
Silver nanoparticles Filled HPMC and XAnthan Films for Food Packaging and Safety	Pinky Kothari and Hema Setia	University Institute of Engineering & Technology	Indian Journal of Science and Technology	2017 - 2018	ISSN:0974-6846
Theory of evolution: A major expansion of logic, Indian Journal of Science Communication, Vol. 16 (2), July – December 2017, page 26-30	Jagdish Rai	Institute of Forensic Science & Criminology	Indian Journal of Science Communication	2017 - 2018	0972-429X
Addressing Climate Change Through Green Technology with Reference to Solar Water Heating System Scheme: A Review of State of Punjab (India)	Dr. Navreet (Co-Author)	Department of Public Administration	Indian Journal of Sustainable Development	2017 - 2018	2394-7675
Impact of Psychological Contract Transitions and Fulfillment upon Organizational Citizenship Behaviour Among Bank Employees in Chandigarh	Rupinder Bir Kaur	University Business School	Indian Journal of Training and Development	2017 - 2018	NA

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RIGVEDA : SAMAJIK MULYO KI VIRASAT	RAJESH KUMAR MISHRA	P.U. Regional Centre, Muktsar	INDIAN LITERATURE AND CULTURE TODAY	2017 - 2018	2395-3721
Leading to Innovate : A study of leadership styles and innovation quotient in two Indian pharma companies	Rupinder Bir Kaur	University Business School	Indian Management	2017 - 2018	NA
Learning Curve	Rupinder Bir Kaur	University Business School	Indian Management	2017 - 2018	
A Study of Mental Health of Adolescents in Relation to Spirituality, Prosocial Tendencies and Virtues	Jitendra Mohan and A Sharma	Department of Psychology	Indian Psychological Review	2017 - 2018	0971-2909
Evaluation of anthelmintic potential of ethanolic and aqueous leaf extracts of Azadirachta indica on dehydrogenases in Gastrothylax indicus.	Rama Aggarwal and Upma Bagai	Department of Zoology	Indian Veterinary Journal,	2017 - 2018	0019-6479
Immunomodulatory plasticity of mesenchymal stem cells: a potential key to successful solid organ transplantation.	Urvashi Kaundal, Upma Bagai and Aruna Rakha	Department of Zoology	Indian Veterinary Journal,	2017 - 2018	0019-6479
Enhancement in Conversion and Selectivity of Trivalerin Using Reactive Distillation	Kaur, K., Wanchoo, R. K., & Toor, A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Industrial & Engineering Chemistry Research	2017 - 2018	0888-588
Phytotoxicity and cytotoxicity of Citrus aurantiifolia essential oil and its major constituents: Limonene and citral	Fagodia S K,,Singh, H P, Daizy, R B, Kohli, R.K.	Department of Environment Studies	Industrial Crops and Products	2017 - 2018	0926-6690
Phytotoxicity and cytotoxicity of Citrus aurantiifolia essential oil and its major constituents: Limonene and Citral, Industrial Crops & Products	Fagodia, S., Batish, D. R. Singh, H.P. & Kohli, R.K.	Department of Botany	Industrial Crops and Products	2017 - 2018	9266690
Periodontal infectogenomics.	Ashish Jain	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Inflammation and Regeneration	2017 - 2018	Online ISSN : 1880-8190 Print ISSN : 1880-9693
Curcumin affords neuroprotection and inhibits a-synuclein aggregation in lipopolysaccharide-induced Parkinson's disease model	Neha Sharma ¹ • Bimla Nehru ¹	Department of Biophysics	Inflammopharmacol	2017 - 2018	9254692
Vitamin D ₃ attenuates cognitive deficit and neuroinflammatory responses in ICV-STZ induced sporadic Alzheimer's disease.	Yamini P., R S Ray., and Chopra, K.	University Institute of Pharmaceutical Sciences	Inflammopharmacol	2017 - 2018	1568-5608
Ameliorative potential of rutin in combination with nimesulide in STZ model of diabetic neuropathy in rat: Targeting Nrf2/HO-1/NF-κB & COX signalling pathway.	Ruchika Mittal, Anil Kumar, Dharendra Pratap Singh, Mahendra Bishnoi, Tapas Chandra Nag	University Institute of Pharmaceutical Sciences	Inflammopharmacology	2017 - 2018	1568-5608

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Protective effect of gallic acid in experimental model of ketamine-induced psychosis: possible behaviour, biochemical, neurochemical and cellular alterations.	Yadav M, Jindal DK, Dhingra MS, Kumar A, Parle M, Dhingra S.	University Institute of Pharmaceutical Sciences	Inflammopharmacology	2017 - 2018	1568-5608
Tramadol ameliorates behavioural, biochemical, mitochondrial and histological alterations in ICV-STZ-induced sporadic dementia of Alzheimer's type in rats.	Dinesh Dhull and Anil Kumar	University Institute of Pharmaceutical Sciences	Inflammopharmacology	2017 - 2018	1568-5608
Anti-inflammatory effects of Ginkgo biloba extract against trimethyltin-induced hippocampal neuronal injury	Kaur S, Sharma N, Nehru B	Department of Biophysics	Inflammopharmacology.	2017 - 2018	ISSN:0925-4692E- ISSN:1568-5608
Student's Performance Evaluation of an Institute Using Various Classification Algorithms	Dr. Roopali Garg	University Institute of Engineering & Technology	Information and Communication Technology for Sustainable Development	2017 - 2018	23673370
Using Concept Map Network Based CLE for Teaching Learning and Evaluating the Knowledge Acquired By Learners	Minakshi Sharma, Sonal Chawla	Department of Computer Science & Applications	Information Communication and Computing Technologies	2017 - 2018	
Impact of novel N-aryl piperamide NO donors on NF-KB translocation in neuroinflammation: rational drug designing synthesis and biological evaluation	Sajad Shahbazi, Jagdeep Kaur, RC Sobti	Department of Biotechnology	Innate Immunity	2017 - 2018	1753-4259
Discerning Dynamics of Religiosity: A phenomenological Analysis	Dr.Pankaj Srivastava	Department of Philosophy	Innovative Research Thoughts	2017 - 2018	2454 – 308X
Need for Uniqueness and Fashion Leadership : An Analysis of Age and Gender University	Seema Vinayak and Noor Glory	Department of Psychology	Innovative Research Thoughts	2017 - 2018	2454-308X
Stereoselective synthesis, spectroscopic and X-ray crystallographic characterization of novel trans- and cis-3-methylseleno substituted monocyclic β -lactams: Potential synthons for C-3 functionalized/bicyclic/halospiro-seleno- β -lactams of medicinal interest	Aman Bhalla* Yogesh Nagpal, Shiwani Berry, Dipika Narula, S. S. Bari, K. K.	Department of Chemistry	Inorg. Chim. Acta	2017 - 2018	0020-1693
Stereoselective synthesis, spectroscopic and X-ray crystallographic characterization of novel trans- and cis-3-methylseleno substituted monocyclic β -lactams: Potential synthons for C-3 functionalized/bicyclic/halospiro-seleno- β -lactams of medicinal interest	Aman Bhalla*(Corresponding Author) Yogesh Nagpal, Shiwani Berry, Dipika Narula, S. S. Bari, K. K	Department of Chemistry	Inorg. Chim. Acta	2017 - 2018	0020-1693

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Progressions in hyper-coordinate silicon complexes	Gurjaspreet singh, Gurpreet Kaur, Jandeep Singh	Department of Chemistry	Inorganic Chemistry Communications	2017 - 2018	13877003
Design and synthesis of indole triazole pendant siloxy framework as a chemo sensor for sensing of Cu ²⁺ and Ni ²⁺ : A comparison between traditional and microwave method	Gurjaspreet singh	Department of Chemistry	Inorganica Chimica Acta	2017 - 2018	0020-1693.
Effect of heterocyclic nitrogen donor ligands on coordination behavior of weakly coordinating arylsulfonate: Synthesis, characterization and antimicrobial activities of [Cu(b-pic)4(2-Cl-5-nitrobenzenesulfonate)2] (methanol) and [Cu(c-pic)4(2-Cl-5 nitrobenzenesulfonate)2]	Sharma R.P., Kumar S., Venugopalan P., Gondil V.J., Chhibber S., Jezierska J. and Ferretti V.	Department of Microbiology	Inorganica Chimica Acta	2017 - 2018	18733255
Hybrid inorganic-organic complexes: Synthesis, spectroscopic characterization single crystal X-ray structure determination and antimicrobial activities of three copper(II)-diethylenetriamine-p-nitrobenzoate complexes	Kumar, S., Pal Sharma, R., Venugopalan, P., Singh Gondil, V., Chhibber, S., Aree, T., Witwicki, M.,	Department of Chemistry	Inorganica Chimica Acta	2017 - 2018	0020-1693
Synthesis and structural characterization of first adenine containing organosilicon nucleobase for the recognition of Cu ²⁺ ion	Gurjaspreet singh	Department of Chemistry	Inorganica chimica acta	2017 - 2018	0020-1693
A stannatrane-like [4.4.4.01,6] heterotricyclic stannate anion possessing rhodanide antennae: A chromoreactand for Fe ³⁺ , Cu ²⁺ and Co ²⁺ ions	Srivastav, N., Singh, R., Kaur, V., Wagler, J., Kroke, E.	Department of Chemistry	Inorganica Chimica Acta, 2017, 463, pp. 54-60	2017 - 2018	0020-1693
Synthesis, structural characterization and DFT analysis of an unusual tryptophan copper(II) complex bound via carboxylate monodentate coordination: tetraaquabis(L-tryptophan) copper(II) picrate	A. Husain, Girijesh Kumar, L. Justino, R. Fausto, R. Rinku, T. Sood, and S. Walia, L. L.G. Justino,	Department of Chemistry	Inorganica Chimica Acta, 2018, 482, 324–332	2017 - 2018	0020-1693
Optimal Feature Set Selection in Online Signature Verification	S. Rohilla, Anuj Sharma and R. K. Singla	Department of Computer Science & Applications	Int. J. Biometrics, 2017 (ESCI).	2017 - 2018	
A comparative study on Kapur's and Tsallis entropy for multilevel magnetic resonance image thresholding using Particle Swarm optimization algorithm	Taranjit Kaur, Barjinder Singh Saini and Savita Gupta	University Institute of Engineering & Technology	Int. J. Computational Systems Engineering, Vol. 4, Nos. 2/3, 2018	2017 - 2018	2046-3391
B-Mo de Breast Ultrasound Image Segmentation Techniques: An investigation and comparative analysis	Madan Lal, Lakhwinder Kaur, Savita Gupta	University Institute of Engineering & Technology	Int. J. Computational Systems Engineering, Vol. 4, Nos. 2/3, 2018	2017 - 2018	17427185

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Modeling and Simulation of Analytical Approach to Handle Real-Time Traffic in VoIP Network	Sakshi Kaushal, Harish Kumar, Sarbjeet Singh, Jasleen Kaur, Shubhani Aggarwal, Sundarapandian Va	University Institute of Engineering & Technology	Int. J. Simulation and Process Modelling, Vol. 13, No. 1, 2018	2017 - 2018	17402123
Oral Biofilms	Sonia B Bhardwaj	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Int.J.Curr.Microbiol.App.Sci	2017 - 2018	PRINT ISSN : 2319-7692 Online ISSN : 2319-7706
Texture zero mass matrices and CP violation	Gulsheen Ahuja, Samandeep Sharma	Department of Physics	Int.J.Mod.Phys.A	2017 - 2018	0217-751X
Devaiiton in tuning of optical properties of polycrystalline AgSeTe thin films (2018) Integrated Ferroelectrics, 11186 (1), pp 84-90.	Chaurdhary, N., Triapthi, S.K., Goyal, N.	Department of Physics	Integrated Ferroelectrics	2017 - 2018	1058-4587
Effect of aqueous medium on molecular structure, vibrations, electronic transitions and natural bond orbitals of carbamazepine: A DFT study. Integrated Ferroelectrics 185: 109-126 (2017).	R. Sachdeva, P. Kaur, A. Soni, V.P. Singh, G. S. S. Saini	Department of Physics	Integrated Ferroelectrics	2017 - 2018	1058-4587 (Print) 1607-8489 (Online)
Integration of botanicals in contemporary medicine: road blocks, checkpoints and go-ahead signals	Chugh NA, Bali S, Koul A	Department of Biophysics	Integrative medicine research.	2017 - 2018	2213-4220 (Print) 2213-4239 (Electronic) 2213-4220 (Linking)
TEACHING MONEY CONCEPT TO STUDENTS WITH DYSCALCULIA: AN EXPERIMENTAL STUDY	Dr. Rekha Rani	Institute Of Educational Technology & Vocational Education	Intellectual Quest	2017 - 2018	2349-1949
Steel Authority of India limited: An Overview.	Dr. Simran Kaur	Department of Evening Studies	Intellectual Quest.	2017 - 2018	2349-1949
Being an effective teacher: expectations of school heads and their abilities faced	Dr. Mamta Garg	University School of Open Learning	International Education & Research Journal	2017 - 2018	2454-9916
Theories of Female Criminality: A Socio Legal Analysis	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Global Journal Of Research Analysis,	2017 - 2018	ISSN , 2277-8160,
Verbal Creativity as a function of treatment, Gender and Their Interaction	Dr. Dazy Zarabi and Reema Pahuja	Department of Community Education & Disability Studies	International Inventive Multidisciplinary Journal	2017 - 2018	2348-7135
Chitosan nanoparticles as a biocompatible and efficient nanowagon for benzyl isothiocyanate	(Shivani Uppal, K. Kaur, Rajendra Kumar, Naval Deep Kaur, Geeta Shukla and S.K. Mehta)	Department of Chemistry	International J. Biological Macromolecules, 115 (2018) 18–28	2017 - 2018	0141-8130

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Opaque Society for Consumers in the Epoch of Technology: A study to review the perception of consumerism and consumer movement with reference to online shopping	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	International Journal of Research in Social Science	2017 - 2018	2249-2496
Role of Prokaryotic P-Type ATPases	Upadhyay, S. K. and Mathur, Shruti	Department of Botany	International Journal of Cell Science & Molecular Biology	2017 - 2018	2572-1100
Computational Biology Approach for Therapeutic Intervention of Alzheimer Disease by Post Transcriptional Gene Silencing. International Journal for Computational Biology	Dr. Tammanna Sahrawat	Centre for System Biology & Bioinformatics	International Journal for Computational Biology	2017 - 2018	http://dx.doi.org/10.34040/IJCB.6.1.2017.84
Mapping of Research Publications and Patents Portfolio of Top 100 NIRF Engineering Institutes in India	Bhardwaj M., Tripathi R., and Tewari R.	Centre for Policy Research	International Journal for Multi-Disciplinary Engineering and Business Management	2017 - 2018	ISSN No. 2348-2249
A Review on Power MOSFET Device Structures	Ramneek Kaur, Preeti Gupta and Jatinder Singh	University Institute of Engineering & Technology	International Journal for Research in Applied Science & Engineering Technology	2017 - 2018	2321-9653
Adaptive Parameter estimation based Multimodal Medical Image Fusion Framework in SWT domain	Shweta Goel, Sumit Budhiraja	University Institute of Engineering & Technology	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2017 - 2018	2321-9653
Effect of Bhastrika Pranayama on Selected Physiological Variables among School Girls	Dr. Th. Nandalal Singh	Department of Physical Education	International Journal of Academic Research and Development	2017 - 2018	ISSN: 2455-4197
A simulation model for incremental software development life cycle model	Dr. Puneet Jai Kaur	University Institute of Engineering & Technology	International Journal of Advanced Research in Computer Science	2017 - 2018	0976 5697
A Detailed Analysis of Various Android Application Permissions: Problems and Solutions	Mohinder Kumar	P.U. Regional Centre, Muktsar	International Journal of Advanced Research in Science and Engineering	2017 - 2018	2319-8354
Big Data Analytics and its Applications	Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Advanced Research in Science and Engineering	2017 - 2018	2319-8354
Carbon and Nitrogen storage in Hokersar Wetland (A Ramsar Site): Potential for Carbon Sequestration.	Afreen, J. L., Ahluwalia, A. S., Sidhu, M. C. and Reshi, Z. A.	Department of Botany	International Journal of Advanced Research in Science and Engineering	2017 - 2018	2319-8354

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Review of Pricing Techniques in Cloud Computing	Sameera Dhuria, Anu Gupta, R.K. Singla	Department of Computer Science & Applications	International Journal of Advance Research in Science and Engineering Vol. 6, No. 10, pp. 1683-1690 UGC Approval Number: 47721	2017 - 2018	2319-8354
Effect of Ni doping on Structural and optical properties of NixCd1 – xS nanoparticle synthesized by chemical precipitation method	Kumar A., Sharma R.K. Gautam S., Goyal N.	University Centre of Instrumentation and Micro-Electronics	international Journal of Advance Science Research and Management, 11no 2, (2017): 22-28 ISSN: 2455-6378	2017 - 2018	2455-6378
Evaluation of IS6110 PCR and LAMP in sputum samples for diagnosis of pulmonary tuberculosis	Prof. Rupinder Tewari	Department of Microbial Biotechnology	International Journal of Advanced and Innovative Research	2017 - 2018	2278-7844
Effect of computer assisted language learning on language creativity in relation to cognitive ability	Dr. Ram Mehar	University School of Open Learning	international Journal of Advanced Educational Research	2017 - 2018	ISSN:2455-6157
Prevalence of Ai-1 type of quorum sensing molecules in Klebsiella pneumoniae clinical isolates.	Mukesh K., Harjai K. and Chhibber S.	Department of Microbiology	International Journal of Advanced Research	2017 - 2018	2320-5407
Availability of Health Services in Himachal Pradesh	Smita Bhutani	Department of Geography	International Journal of Advanced Research and Development	2017 - 2018	2455-4030
In-Migration in NCT of Delhi: An overview	Smita Bhutani	Department of Geography	International Journal of Advanced Research and Development	2017 - 2018	2455-4030
Production and partial purification of collagenase from Bacillus sp. isolated from soil sample.	Aditi Chauhan and Vijay Prabha	Department of Microbiology	International Journal of Advanced Research and Development	2017 - 2018	2455-4030
Cognitive Radio: Concepts, Spectrum Sensing and its Standards	Dr. Roopali Garg	University Institute of Engineering & Technology	International Journal of Advanced Research in Computer Science	2017 - 2018	0976-5697
Game of Tic-Tac-Toe: Simulation Using Min-Max Algorithm	Dr. Roopali Garg	University Institute of Engineering & Technology	International Journal of Advanced Research in Computer Science	2017 - 2018	0976-5697

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Accounting and Billing of Physical Resources in Cloud Federation: A Review	Sameera Dhuria, Anu Gupta, R.K. Singla	Department of Computer Science & Applications	International Journal of Advanced Research in Computer Science Vol. 9, No. 1, pp 834-841, , UGC Approval Number: 2503	2017 - 2018	0976-5697
A Survey on Newspaper Image Segmentation Techniques	Rupinder Pal Kaur and Manish Kumar Jindal	P.U. Regional Centre, Muktsar	International Journal of Advanced Research in Science and Engineering	2017 - 2018	2319-8354
Efficacy of plant extract, Emblica officinalis in remediation of malachite green induced demeanor alterations in Cyprinus carpio.	R Sinha, R Jindal	Department of Zoology	International Journal of Advanced Research,	2017 - 2018	2320-5407
Performance Evaluation of Prototype FBMC Cognitive Radio under constraints of L number of Sensing Samples at Variable SNR for AWGN and Rayleigh fading Environment	A.S.Kang	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Advanced Science & Technology, SERSC Australia,	2017 - 2018	2005-4238
R., Performance evaluation of prototype FBMC cognitive radio under constraints of L number of sensing samples at variable SNR for AWGN and Rayleigh fading environment	Kang, A.S., Sharma, E.V., Vig	University Institute of Engineering & Technology	International Journal of Advanced Science and Technology	2017 - 2018	21983844
Shared Parental Responsibility or Joint Custody- A suggestive measure by 257th Report of Law Commission: An Analysis	Dr. Supinder Kaur and Dr. Anil Kumar Thakur	Department of Laws	International Journal of Advances in Arts, Science and Engineering	2017 - 2018	2320-6144
Effect of Processing on Nutritional and Phytochemical contents in Shoots of an edible Bamboo Dendrocalamus latiflorus Munro	Thounaojam P., Bisht M.S. and Nirmala C.	Department of Botany	International Journal of Agricultural Sciences	2017 - 2018	ISSN: 0976-5670
Quality of Service Trade-off at the Application Layer with Guaranteed Time Slots in IEEE 802.15.4 for wireless Sensor Networks	Rajeev Kumar Dang	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Allied Practice, Research and Review	2017 - 2018	2453
Girls mature quicker than boys- An evolutionary hypothesis	Singh, B, Krishan, K, Kanchan, T, & Baryah, N	Department of Anthropology	International Journal of Anthropology, 32 (3&4), 145-147	2017 - 2018	Electronic ISSN: 1824-3096 Print ISSN: 0393-9383
Attractive shopping malls influencing the purchase pattern of customers.	Bawa, Ramandeep , Sinha, A.K & Kant. Rita	Department of Anthropology	International Journal of Applied Home Science	2017 - 2018	ISSN : 2394-1413
Need for Eco-Friendly Finished Textiles	Dr. Rita Kant	University Institute of Fashion Technology & Vocational Development	International Journal of Applied Home Science	2017 - 2018	ISSN:2394-1413

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Preparing an Evaluation Scale to be used by the Healthcare Providers for evaluating the Acceptability of Patients garments used in Wards in Multi Speciality Indian Hospitals	Prabhdip Brar Ph.D	University Institute of Fashion Technology & Vocational Development	International Journal of Applied Home Science	2017 - 2018	ISSN: 2394-1413
Do age and gender play a role in online search behaviour? A study of online shoppers	Singh, T. Chadha, S.K. (Nigam, S.)	University Business School	International Journal of Applied Marketing and Management	2017 - 2018	2455-0132
High strain rate behavior of epoxy graphene oxide nano-composites	Suresh Kumar	University Institute of Engineering & Technology	International Journal of Applied Mechanics	2017 - 2018	17588251, 1758826X
Steady State Creep of Isotropic Rotating Composite Disc Under Thermal Gradation	Tania Bose, Minto Rattan and Neeraj Chamoli	University Institute of Engineering & Technology	International Journal of Applied Mechanics	2017 - 2018	17588251
Managerial Perceptions On Corporate Social Responsibility In Select Public and Private Sector Banks in India	Lipika	University Institute of Hotel and Tourism Management	International Journal of Applied Research	2017 - 2018	2394-7500
Percieved Parenting styles in relation to social maturity of adolescneces: A review	Kaur, S. and Kaur, K.	Institute Of Educational Technology & Vocational Education	International Journal of Arts, Humanities and Management Studies	2017 - 2018	2395-0692
Rare opportunistic bread mold fungal infection of maxillary sinus in a diabetic patient.	Dr Nandini Bhaskar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Basic and Applied Medical research	2017 - 2018	ISSN 2248-9606
A process for complete biodegradation of shrimp waste by a novel marine isolate Paenibacillus sp. AD with simultaneous production of chitinase and chitin oligosaccharides International Journal of Biological Macromolecules 109 (2018): 263-272	Kumar A, Kumar D, George N, Sharma P, Gupta N (2018)	Department of Microbiology	International Journal of Biological Macromolecules	2017 - 2018	0141-8130
Chitosan-tailored lipidic nanoconstructs of Fusidic acid as promising vehicle for wound infections: An explorative study.?	Thakur, K., Sharma, G., Singh, B., Chhibber, S., Patil, A.B. & Katare, O.P.	University Institute of Pharmaceutical Sciences	International Journal of Biological Macromolecules	2017 - 2018	0141-8130
Chitosan-tailored lipidic nanoconstructs of Fusidic acid as promising vehicle for wound infections: An explorative study.	Thakur, K., Sharma, G., Singh, B., Chhibber, S., Patil, A.B. & Katare, O.P.	University Institute of Pharmaceutical Sciences	International Journal of Biological Macromolecules	2017 - 2018	0141-8130
Coproduction of protease and mannanase from Bacillus nealsonii PN-11 in solid state fermentation and their combined application as detergent additives	David A, Chauhan PK, Kumar A, Angural S, Kumar D, Gupta N	Department of Microbiology	International Journal of Biological Macromolecules	2017 - 2018	01418130, 18790003

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Coproduction of protease and mannanase from Bacillus nealsonii PN-11 in solid state fermentation and their combined application as detergent additives International Journal of Biological Macromolecules 108 (2018): 1176-1184	David A, Chauhan PS, Kumar A, Angural S, Kumar D, Puri N, Gupta N (2018)	Department of Microbiology	International Journal of Biological Macromolecules	2017 - 2018	0141-8130
L-Cysteine functionalized bagasse cellulose nanofibers for mercury(II) ions adsorption	Monica Bansal, Bhagat Kumar, Ghanshyam S. Chauhan, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Biological Macromolecules	2017 - 2018	0141-8130
Managing colonic inflammation associated gut derangements by systematically optimised and targeted ginger extract-Lactobacillus acidophilus loaded pharmacobiotic alginate beads.	Deol, P.K., Kondepudi, K.K., Bishnoi, M., et al. Kaur, I. P	University Institute of Pharmaceutical Sciences	International Journal of Biological Macromolecules	2017 - 2018	0141-8130
Strategies for optimization of heterologous protein expression in E. coli: roadblocks and reinforcements	Jashandeep Kaur, Arbind kumar, Jagdeep Kaur	Department of Biotechnology	International Journal of Biological macromolecules	2017 - 2018	0141-8130
Promoting Good Governance Through Right to Information	Dr. Dinesh Kumar	Department of Laws	International Journal of Business and Administration Research Review	2017 - 2018	2348-0653
Social Audit as a Tool of Brand Imaging	Dinesh Kumar	Department of Laws	International Journal of Business and Administration Research Review	2017 - 2018	2348-0653
Perception Of Indian Dental Surgeons regarding Molar Incisal Hypomineralization.	Namrata C Gill	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Clinical Pediatric Dentistry	2017 - 2018	ISSN 0974-7052
A Review: Primary Users Signal Authentication via Cryptographic and Wireless Link Signatures in Cognitive Radio Networks	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Computer & Mathematical Sciences	2017 - 2018	2347-8527
A Review: Primary Users Signal Authentication via Cryptographic and Wireless Link Signatures in Cognitive Radio Networks	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Computer & Mathematical Sciences	2017 - 2018	2319 - 8133
Wireless USB and Security of User Data	Rajinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Computer Engineering and Application	2017 - 2018	International Journal of Computer Engineering and Application, March 2018; 2321-3469

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Applications and implementation of genetic algorithms	Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Computer Engineering and Applications	2017 - 2018	2321-3469
HADOOP and the Data Warehouse: Friends or Foes	Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Computer Engineering and Applications	2017 - 2018	2321-3469
Packet-based Anomaly Detection using n-gram Approach	Kajal Rai, M. Syamala Devi, and Ajay Guleria	Department of Computer Science & Applications	International Journal of Computer Science and Engineering (IJCSE), vol.6, no. 5, pp. 366-372, 2018.	2017 - 2018	2347-2693
Contribution of ‘Addak’and ‘Bindi’ in Non word Error Pattern analysis of Punjabi Typed Text	Ms. Meenu Bhgat	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Computer Sciences and Engineering	2017 - 2018	E-ISSN: 2347-2693
Tooth / Teeth Segmentation and modeling from X-ray / CT images : A Survey	N. Thakur, M. Juneja, and P. Jindal	University Institute of Engineering & Technology	International Journal of Control Theory and Applications	2017 - 2018	0974-5572
Keyword advertising and Trademark Infringement	Prof. Rajinder Kaur	University Institute of Legal Studies	<u>International Journal of Con</u>	2017 - 2018	0974-5572
EFFECT OF MULTIMEDIA INSTRUCTIONAL STRATEGY ON ACHIEVEMENT IN ENGLISH IN RELATION TO COMPUTER ANXIETY AND SELF.CONCEPT	Mehar, R & Kaur G	University School of Open Learning	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	2017 - 2018	2230-2882
ELDER ABUSE; IN RELATION TO TYPES OF AGEING AND THEIR DEPENDENCE ON CAREGIVERS	Amandeep Singh	Department of Evening Studies	International Journal of Creative Research Thoughts	2017 - 2018	2320-2882
ELDER ABUSE; ITS EVOLUTION AND FORMS	Amandeep Singh	Department of Evening Studies	International Journal of Creative Research Thoughts	2017 - 2018	2320-2882
THEORETICAL AND CONCEPTUAL FRAMEWORKS FOR UNDERSTANDING THE PROCESS OF AGEING	Amandeep Singh	Department of Evening Studies	International Journal of Creative Research Thoughts	2017 - 2018	2320-2882
Women and Human Rights: A Case Study of Village Danewala (Punjab)	Dr. Navleen Kaur and Ms. Navneet kaur	Department of Community Education & Disability Studies	International Journal of Creative Research Thoughts	2017 - 2018	2320-2882
Political Commitments of Gandhi	Dr. Ashu Pasricha	Department of Gandhian and Peace Studies	International Journal of Creative Research Thoughts (IJCRT) An International Scholarly Open Access Journal	2017 - 2018	2320-2882
A Study of Food Intake & Nutrient Consumption Patterns Among Working Women: Some Observations	Dr. Monica Munjial Singh, Anupama Bharti	Centre for Social Work	International Journal of Current Advanced Research	2017 - 2018	O: 2319-6475, P:2319-6505

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Extent of Surface Roughness Analysis For Aluminium Based Metal Matrix Composites Under Different Lubrication System	Dr. Harminder Singh Bains	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of current Engg. And Scientific Research UGC REF. 43032	2017 - 2018	2393-8374(Print),2394-0697(online)
The Efficacy of Music Interventions on Pain in Cancer Patients Undergoing Therapeutic Treatment	Seema Vinayak and F Dekhoda and R Vinayak	Department of Psychology	International Journal of Current Research	2017 - 2018	0975-833X
A comparative analysis of private sector R& D incentivisation: lessons for India.	Trikha R., Gill S., and Tewari R.	Centre for Policy Research	International Journal of Current Research and Modern Education	2017 - 2018	ISSN (Online): 2455 -5428
Virtual Network Computing: Implementation of a Remote Display System	Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Current Research and Modern Education	2017 - 2018	2455 - 5428
Live-In Relationship In India: A Cultural Conflict	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal Of Current Research,	2017 - 2018	ISSN , 0975-833X,
Melanocyte abnormalities and senescence in the pathogenesis of Idiopathic Guttate Hypomelanosis.	S Rani, R Kumar, P Kumarasinghe, S Bhardwaj, N Srivastava, A Madaan, D Prasad	Department of Zoology	International Journal of Dermatology	2017 - 2018	0011-9059
Impact of Abacus Based Mental Calculations on the working memory of students	Dr. Ashwani Kumar Sharma	Department of Community Education & Disability Studies	International Journal of Development Studies and Research	2017 - 2018	
Effect of Multimedia Approach (MMA) on Achievement in Mathematics of students with Mathematical Difficulties	Dr. Anuradha Sharma and Pankaj Bala	Department of Community Education & Disability Studies	International Journal of Development Studies and Research	2017 - 2018	2278–8654
A Dominant Points based Feature Extraction Approach to Recognize Online Handwritten Strokes	S. Singh, Anuj Sharma and I. Chhabra	Department of Computer Science & Applications	International Journal of Document Analysis and Recognition	2017 - 2018	1433-2833
Companies Act 2013 & amp;amp; CSR Rules 2014 vis a vis Cooperate Social Responsibility in India A Critical Overview with Reference to Environment Pollution	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	International Journal of Economics and Social Sciences	2017 - 2018	2249-7382
Floored Rugs Industry: Examining the Genesis Development and Decline of the Panja Dari	Prabhdip Brar Ph.D	University Institute of Fashion Technology & Vocational Development	International Journal of Education and Management Studies	2017 - 2018	ISSN-p-2231-5632-e-2321-3671
Implication of Defect detection in Indian Apparel Industry for the global market emerging challenges.	PRABHDIP BRAR PhD	University Institute of Fashion Technology & Vocational Development	International journal of Education and Management Studies. Indian Association of Health Research and Welfare.	2017 - 2018	ISSN-p-2231-5632-e- 2321-3671 7(4)583-585

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Use of Corporal Punishment in Relation to Institutional and Personal Variables of Teachers	Mamta Garg	University School of Open Learning	International Journal of Education and Multidisciplinary Studies	2017 - 2018	ISSN 2455-2526
Performance analysis of piezoelectric drum transducers as shoe-based energy harvesters	Ritendra Mishra, Shruti Jain, Bharat Thakur, Yajvender Pal Verma, Chadalapaka Durgaprasad	University Institute of Engineering & Technology	International Journal of Electronics Letters, volume 5, issue 4, Pages 402-416	2017 - 2018	2168-1724
An Approach to build Adaptive and Intelligent Wireless Sensor Networks with Artificial Intelligence	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Electronics, Electrical and Computational System	2017 - 2018	2348-117X
Genetic Algorithm and Particle Swarm Optimization for Spectrum Sensing In Cognitive Radios	Dr. Roopali Garg	University Institute of Engineering & Technology	International Journal of Emerging Technologies in Engineering Research	2017 - 2018	2454-6410
Processing and Mechanical Behaviour of TiB2 and ZnSt2 reinforced Aluminium Alloy 6061 Hybrid Composites Using Stir Casting Issn No. 2454-6410	Dr Harminder Singh Bains	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Emerging Technologies in Engineering Research	2017 - 2018	Issn No. 2454-6410
Internet of Things: An Overview	Meenu Bhagat	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Emerging Technology and Advanced Engineering	2017 - 2018	(ISSN 2250-2459
Performance Evaluation of OFDM and Prototype FBMC-OQAM Cognitive Radio under constraints of variable Overlapping factors	Dr. A.S. Kang	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Engineering Research & Development,	2017 - 2018	e-ISSN: 2278-067X
Colorectal Cancer Detection from Colonoscopy Videos: A Comprehensive Survey of Computer-Aided Diagnosis Techniques	Ms..Manveer Kaur Saini	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Engineering Technology Science and Research	2017 - 2018	2394 – 3386
Combustion of Polluting Gases from Automotive Exhaust	Marvi Kaushik, Sanchita Chauhan	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Engineering Technology Science and Research IJETSr	2017 - 2018	2394 – 3386
Effect of Macro Economic Variables On Public Private Partnerships: A Study Of Transportation Sector Of South Asian Countries	Dr. Naveen Kumar	University Institute of Applied Management Sciences	International Journal of Engineering Technology Sciences and Research	2017 - 2018	2394-3386
Personal Values and Organisational Culture	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	International Journal of Enhanced Research in Management & Computer Applications (IJERMCA), Vol. 6, Issue 12, December 2017	2017 - 2018	2319-7471

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An Exciting Bird's-Eye View of the New Agriculture Strategy	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	International Journal of Enhanced Research in Management & Computer Applications (IJERMCA), Vol. 7, Issue 02, February 2018	2017 - 2018	2319-7471
Impact of Gender Equality & Women Empowerment on Sustainable Development	Dr. Monica Bansal	P.U. Rural Centre, Kauni, Muktsar	International Journal of Enhanced Research in Management & Computer Applications (IJERMCA), Vol. 7, Issue 02, February 2018	2017 - 2018	2319-7471
Assessment of in vitro anthelmintic activity of <i>Heracleum afghanicum</i> Kitamura leaves	Amini, M.H., Kalsi, V., Kaur, B., Lobo, R., Singh, G., Sharma, A., Vyas, M. and Suttee, A.	University Institute of Pharmaceutical Sciences	International Journal of Green Pharmacy	2017 - 2018	0973-8258,
Burn out Among Sports Persons At Inter-College And Inter-University Levels Competition	prof. Gurmeet Singh	Department of Physical Education	International Journal of Health, Physical Education and Computer Science in Sports	2017 - 2018	2231-3265
Psychological Characteristics of Inter-College and Inter-University Level Female Athletes	prof. Gurmeet Singh	Department of Physical Education	International Journal of Health, Physical Education and Computer Science in Sports	2017 - 2018	2231-3265
Physical activity levels among school teachers in relation to their chronological age, International Journal of Health. Physical Education & Computer Science in Sports	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Health. Physical Education & Computer Science in Sports	2017 - 2018	ISSN: 2231-3265
Effect of blended learning strategy on achievement in computer science in relation to computer self efficacy	Mehar, R & Kaur, G	University School of Open Learning	International journal of higher education and research	2017 - 2018	2277-260X
Effect of Computer Supported Cooperative and Competitive learning strategies on science anxiety in relation to goal orientation	Dr. Ram Mehar	University School of Open Learning	International Journal of higher education and research	2017 - 2018	ISSN 2277-260X
Design and Development of Novel Patient garments: A review paper.	PRABHDIP BRAR PhD	University Institute of Fashion Technology & Vocational Development	International Journal of Home Science.	2017 - 2018	ISSN: 2395-7476 IJHS 2017; 3920:553-555
Exploring the potential of Chindi(textile Waste) for producing quality products for women empowerment.	PRABHDIP BRAR PhD	University Institute of Fashion Technology & Vocational Development	International Journal of Home Science. Peer Reviewed, Refereed, Indexed Journal.	2017 - 2018	2395- 7476,

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Justice Verma committee: an illustration of deliberative democracy in India,	Rajinder Kaur, Rashmi K.Aggarwal and Jagteshwar Sohi	University Institute of Legal Studies	International Journal of Human Rights and Constitutional Studies Vol. 5, No. 1	2017 - 2018	2050-1048
Supramolecular modification of Carbon Nanofibers with Poly(diallyl dimethylammonium) chloride and Triton X-100 for electrochemical application	Prabhsharan Kaur,Mun-Sik Shin, Jin-Soo Park ,Gaurav Verma and Satpal SinghSekhon	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Hydrogen Energy	2017 - 2018	0360-3199
Supramolecular Modification of Carbon Nanofibers with Poly(diallyl dimethylammonium) Chloride and Triton X-100 for Electrochemical Application.	Prabhsharan Kaur, Mun-Sik Shin, Jin-Soo Park, Gaurav Verma and Satpal Singh Sekhon.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Hydrogen Energy	2017 - 2018	0360-3199
Customized SmartPeg for measurement of resonance frequency of mini dental implants.	J.S. Dhaliwal, R.F. Albuquerque Jr, A. Fakhry, S. Kaur and J.S. Feine.	Department of Zoology	International Journal of Implant Dentistry	2017 - 2018	2198-4034
Resilience and Empathy as Predictors of Psychological Wellbeing among Adolescents	Seema Vinayak and J Judge	Department of Psychology	International Journal of Indian Psychology	2017 - 2018	2249-9571
Identifying Quality Contents of N-LIST E-Resources for Academic Pursuits and Learning Outcomes	Dr. Rupak Chakravarty and Shivani Kaushal	Department of Library & Information Science	International Journal of Information Library and Society	2017 - 2018	2278-0386
Library Websites Evaluation of Higher Educational Institutes (HEIs) of India: A web analysis	Dr. Rupak Chakravarty and Shalini Wasan	Department of Library & Information Science	International Journal of Information Library and Society	2017 - 2018	2278-0386
Identifying Preferences in Using N-List E-Resources by the users of Select Degree Colleges Affiliated to Panjab University, Chandigarh	Dr. Rupak Chakravarty and Shivani Kaushal	Department of Library & Information Science	International Journal of Information Movement	2017 - 2018	2456-0553
Awareness and Acceptance of e-journals among Researchers of LIS: An empirical analysis.	Dr. Khushpreet Singh Brar	Department of Library & Information Science	International journal of information studies &&&&&&& Libraries	2017 - 2018	24561827
Preference for Journals and Productive Authors in Library and Information Science Departments of select Universities of North India	Dr. Rupak Chakravarty and Jyoti Sharma	Department of Library & Information Science	International Journal of Information Studies and Libraries	2017 - 2018	2456-1827
Sedition Vs Freedom Of Speech In India; A Constitutional Conflict,	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal Of Informative And Futuristic Research,	2017 - 2018	ISSN 2347-1697

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Interception of Whatsapp Data for Forensic Applications	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	International Journal of Innovations & Advancement in Computer Science	2017 - 2018	2347-8616
Quality of Life of the members of Self Help Group in Dharampur Block, District Solan, Himachal Pradesh,	Dr. Navleen Kaur and Rajni	Department of Community Education & Disability Studies	International Journal of Innovative Knowledge Concept	2017 - 2018	2454-2415
Effect of Self Regulated Learning Strategies on Achivement in Mathematics in relation to mathematics anxiety	Dr. Ram Mehar	University School of Open Learning	International Journal of Innovative Research Explorer	2017 - 2018	ISSN NO 2347-6060
Effect of teaching through Graphic Organizers on achievement in science of VII Graders	Supreet Kaur	University School of Open Learning	International Journal of Innovative Research Explorer	2017 - 2018	ISSN No. 2347-6060
Qualitative and Quantitative Mineral Element Variances in Shoots of two Edible Bamboo species after Processing and Storage Evaluated by Wavelength Dispersion X-ray Fluorescence Spectrometry	Saini N., Rawat K., Bisht M.S. and Nirmala C.	Department of Botany	International Journal of Innovative Research in Science, Engineering and Technology	2017 - 2018	ISSN:2319-8753
Relationship between Locus of Control and Role Efficacy: A comparison of Manufacturing and It Organisations	Rupinder Bir Kaur and Gunmala Suri	University Business School	International Journal of Innovative Research in Technology	2017 - 2018	23496002
Construction and Standardisation of Science Anxiety Scale	Dr. Ram Mehar	University School of Open Learning	International journal of Innovative Studies in Sociology and Humanities	2017 - 2018	ISSN:2456-4931
Subjective Well-Being (SWB) of fifth class students with mathematical difficulties in relation to Math Anxiety	Dr. Anuradha Sharma and Pankaj Bala	Department of Community Education & Disability Studies	International Journal of Interdisciplinary studies and research	2017 - 2018	2349–820X
Role of Libraries for Disadvantage People: With Special Reference to Economically Weaker Section	Gupta, Neeru	A C Joshi Library	International Journal of Library and Information Studies	2017 - 2018	2231-4911
Determinants of Customer Based Brand Equity in Indian Telecommunication Sector	Monica Bedi	University Business School	International Journal of Management Studies	2017 - 2018	2249-0302
Tourism in Himachal Pradesh – A case study of service quality and customer satisfaction. International journal of management, IT & Engineering	Neeraj Aggarwal & Pankaj Sharma	University Institute of Hotel and Tourism Management	International journal of management, IT & Engineering	2017 - 2018	2249-0558
Influence of Tool Rotation on Impact Strength of the Friction Stir Welded Joints of AA2014 Aluminium alloy	Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Material Science and Engineering	2017 - 2018	0973-5496

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A general class of tests for testing homogeneity of location parameters against umbrella alternatives	M. Goyal and Narinder Kumar	Department of Statistics	International Journal of Mathematical, Engineering and Management Sciences	2017 - 2018	2455-7749
Dictionary Based Sentiment Analysis of Hinglish Text	Dr. Veenu Mangat	University Institute of Engineering & Technology	International Journal of Metadata, Semantics and Ontologies	2017 - 2018	1744-2621
Child based Level-Wise List Scheduling Algorithm	Dr. Amandeep Verma	University Institute of Engineering & Technology	International Journal of Modern Education and Computer Science,	2017 - 2018	2075-0161
Electromagnetic and axial- vector form factors of the quarks and nucleon	Monika Randhawa	University Institute of Engineering & Technology	International Journal of Modern Physics A	2017 - 2018	" ISSN 0217-751X"
ATTEMPT TO SUICIDE-A LEGAL PROBLEMS	Dr. Pooja Sood and Dr. Vinay Sharma	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Movement Education and Social Science	2017 - 2018	ISSN (Print): 2278-0793
Effect of Yoga and Mediation on Well-being of Adolescents I Modern Life’. International Journal of Multidisciplinary Education & Research	Prof.Sween	Department of Lifelong Learning & Extension	International Journal of Multidisciplinary Education and Research	2017 - 2018	2455-4588
Effect of Synectic model on students' achievement in English and language creativity: A review (136-146)	Chahal, G. and Kaur, K.	Institute Of Educational Technology & Vocational Education	International Journal of Multidisciplinary Educational Research	2017 - 2018	2277-7881
Working of women police stations in Haryana: A case study	Prof. Anil Monga (Co-Author)	Centre for Police Administration	International Journal of Multidisciplinary Educational Research	2017 - 2018	ISSN 2277-7881
A Study of Attitude & Practices regarding Reproductive Health & Family Planning Devices of Eligible Couples .	Prof.Sween	Department of Lifelong Learning & Extension	International Journal of Multidisciplinary Research and Development	2017 - 2018	2349-4182
Discriminating Flash Events from DDoS Attacks: A Comprehensive Review	Krishan Kumar	University Institute of Engineering & Technology	International Journal of Network Security	2017 - 2018	17478413
Comparative Evaluation of Effect of Pre-Processing Surface Treatment of Acrylic Teeth on Bonding with Denture Base Resins-An in Vitro Study	Lalit Kumar, Komal Sehgal, Virender Kumar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Oral Care and Research	2017 - 2018	ISSN: Print - 2347-6249, Online - 2456-317X
Turmeric: A Boon to Oral Health	Poonam Sood	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Oral Care and Research	2017 - 2018	ISSN print- 2347-6249
A Framework for Assessing Reusability using Package Cohesion Measure in Aspect Oriented System	Puneet Jai Kaur	University Institute of Engineering & Technology	International Journal of Parallel Programming	2017 - 2018	0885-7458

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Antibacterial Natural peptide fractions from Indian Ganoderma Lucidum	Jigni Mishra, • Rakhee Rajput, Kaushlesh Singh, Sanjeev Puri, Meenakshi Goyal, Anju Bansal, Kshipra Mi	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	International Journal of Peptide Research and Therapeutics	2017 - 2018	--
Phytochemical Analysis and Anatomical study of two species of Cestrum from Chandigarh	Prof. Richa Puri	Department of Botany	International Journal of Pharmaceutical Science and Research	2017 - 2018	0975-8232
Essential Oil Composition and Antibacterial Activity of Flowers of Achillea filipendulina	Prof. Richa Puri	Department of Botany	International Journal of Pharmaceutical Sciences and Drug Research	2017 - 2018	0975-248X
Alleviation of arsenic induced lung toxicity by Ocimum sanctum in murine model	S Kaushal, V Garg, A U Ahsan, V L Sharma, M Chopra	Department of Zoology	International Journal of Pharmaceutical Sciences And Research	2017 - 2018	0975-8232
Comparative Anti-anxiety Potential of Different Parts of Vitex negundo Linn.	Sharma A, Gulsheen, Kumar A and Sharma A.	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutical Sciences and Research	2017 - 2018	0975-8232
Structural Docking Studies And Biological Evaluation Of Some Newly Synthesized Schiff Base Derived Quinazolinone Derivatives,	Poonam Arora , Kuljit Kaur , Rajanpreet Kaur and Neelima Dhingra	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutical Sciences and Research	2017 - 2018	ISSN 0975-8232
Developments of polysorbate (Tween) based microemulsions: Preclinical drug delivery, Toxicity and antimicrobial applications	Gurpreet Kaur* and S.K. Mehta	Department of Chemistry	International Journal of Pharmaceutics	2017 - 2018	0378-5173
Quality by Design (QbD)-enabled development of aceclofenac loaded-nano structured lipid carriers (NLCs): An improved dermatokinetic profile for inflammatory disorder(s).	Garg, N.K., Sharma,	University Institute of Pharmaceutical Sciences	International journal of pharmaceutics	2017 - 2018	18733476, 03785173
Supramolecular nano-engineered lipidic carriers based on diflunisal-phospholipid complex for transdermal delivery: QbD based optimization, characterization and preclinical investigations for management of rheumatoid arthritis.	Kaur A, Bhoop BS, Chhibber S, Sharma G, Gondil VS, Katare OP.	Department of Microbiology	International Journal of Pharmaceutics	2017 - 2018	1873-3476
Supramolecular nano-engineered lipidic carriers based on diflunisal-phospholipid complex for transdermal delivery: QbD based optimization, characterization and preclinical investigations for management of rheumatoid arthritis.?	Kaur, A., Bhoop, B.S., Chhibber, S., Sharma, G., Gondil, V.S. & Katare, O.P.	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutics,	2017 - 2018	18733476, 03785173

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Enhancing biopharmaceutical attributes of phospholipid complex-loaded nanostructured lipidic carriers of mangiferin: Systematic development, characterization and evaluation.	Khurana, R.K., Bansal, A., Beg, S., Burrow, A.J., Katare, O.P., Singh, K.K. & Singh, B.	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutics.	2017 - 2018	0975-1491
Lycopene loaded whey protein isolate nanoparticles: An innovative endeavour for enhanced bioavailability of lycopene and anti-cancer activity.	Jain, A., Sharma, G., Ghoshal, G., Kesharwani, P., Singh, B., Shivhare, U.S. and Katare, O.P.	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutics.	2017 - 2018	18733476, 03785173
Quality by Design (QbD)-enabled development of aceclofenac loaded-nano structured lipid carriers (NLCs): An improved dermatokinetic profile for inflammatory disorder(s).??	Garg, N.K., Sharma, G., Singh, B., Nirbhavane, P., Tyagi, R.K., Shukla, R. & Katare, O.P.	University Institute of Pharmaceutical Sciences	International Journal of Pharmaceutics.	2017 - 2018	18733476, 03785173
Antidiabetic activity of essential oil of Hedychium spicatum	Prof. Richa Puri	Department of Botany	International Journal of Pharmacognosy and Phytochemical Research	2017 - 2018	0975-4873
Antimicrobial Evaluation of Caesalpinia decapetala	Sharma V, Lobo R, Singh G, Chanana V, Kalsi V, Suttee A	University Institute of Pharmaceutical Sciences	International Journal of Pharmacognosy and Phytochemical Research	2017 - 2018	0975-4873
Exploring Structural Aspects of Nateglinide Polymorph using Powder X-Ray Diffraction.	Parnika Goyal, Dimpy Rani, and Renu Chadha	University Institute of Pharmaceutical Sciences	International Journal of Pharmacy and Pharmaceutical Sciences,	2017 - 2018	0975-1491
Investigating the potential of an antidepressant intranasal mucoadhesive microemulsion	Gurpreet Singh, Nisha Rawat, Kirti Singh, Amita Sarwal, V. R. Sinha	University Institute of Pharmaceutical Sciences	International Journal of Pharmacy and Pharmaceutical Sciences,	2017 - 2018	0975-1491
A Study of Physiological Variables among Male Cricketers of Chandigarh	Prof. Th. Nandalal Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2017 - 2018	ISSN Number: 2456-0057
Appraisal of strength of teachers and students in the department of physical education, Panjab University, Chandigarh,	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2017 - 2018	ISSN: 2456-0057
Mental toughness and competitive anxiety between high and low performer's football players	prof. Gurmeet Singh	Department of Physical Education	International Journal of Physiology, Nutrition and Physical Education	2017 - 2018	2456-0057

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Finite element analysis of compressive stress pattern in implant –tooth supported fixed partial denture	Lalit Kumar, Komal Sehgal, Virender Kumar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	International Journal of Preventive and Clinical Dental Research	2017 - 2018	ISSN: Print - 2349-7319, Online - 2456-3196
Securing Database from Administrative's point of view	Neeru Mago	P.U. S.S. Giri Regional Centre, Hoshiarpur	International Journal of Recent Scientific Research	2017 - 2018	: 0976-3031
Human Right Peace Education: Need of the 21st Century	Dr. Manish Sharma	Department of Gandhian and Peace Studies	International Journal of Research (IJR)	2017 - 2018	2348-6848
EFFECT OF COOPERATIV T TEnruING STRATEGY ON ACHIEVEMENT IN SCIENCE IN RELATION TO ATTITUDE TOWARDS SCIENCE	Dr. Ram Mehar	University School of Open Learning	International Journal of Research and Analytical Reviews	2017 - 2018	ISSN 2348-1269
Comparison of Design optimization using Genetic Algorithm approach and DOE approach,1313-1318,Vol 6,No.6,June 2018	Amandeep Singh	University Institute of Engineering & Technology	International Journal of Research in Advent Technology	2017 - 2018	2321-9637
Design and Development of Prototype for Generation of Electricity Using Seebeck Effect	Amandeep Singh	University Institute of Engineering & Technology	International Journal of Research in Advent Technology (IJRAT) VOLUME-6 ISSUE-5, MAY 2018	2017 - 2018	2321-9637
Effect of Collaborative Learning Strategy on Achievement in Economics in Relation to Self Esteem	Dr. Ram Mehar	University School of Open Learning	International Journal of Research in Economics and Social Science	2017 - 2018	2249-7382
Social Freedom and Modernization of Women in Chandigarh,	Navneet Kaur and Dr. Navleen Kaur	Department of Community Education & Disability Studies	International Journal of Research in Economics and Social Sciences	2017 - 2018	2249-7382
Interstate Variation in Development of Banking Sector in India from 1972-2015.	Shergill, Amrita and Vikas	Department of Economics	International Journal of Research in Economics and Social Sciences (IJRESS), 7(10)	2017 - 2018	ISSN(o): 2249-7382
Registration of Marriages in India: Legal Perspective	Karan Jawanda	University Institute of Legal Studies	International Journal of Research in Humanities , Arts and Literature (IMPACT : IJRHAL), Vol. 6, Issue 5 May 2018	2017 - 2018	ISSn 23474564, e-ISSN 23218878
The Remedy of Restitution of Conjugal Rights Under Hindu Law- A Negation of Constitutional Liberties and Gender Justice	Karan Jawanda	University Institute of Legal Studies	International Journal of Research in Humanities , Arts and Literature (IMPACT : IJRHAL), Vol. 6, Issue 5 May 2018,	2017 - 2018	ISSN 23474564, eISSN 23218878

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EVALUATION OF PERSONALITY CHARACTERISTICS ON EMPLOYEE PERFORMANCE: A STUDY IN PHARMACEUTICAL KNOWLEDGE PROCESS OUTSOURCING COMPANIES	Prof. Sanjay Kaushik & Namita Koul	University Business School	International Journal of Research in Humanities, Arts and Literature	2017 - 2018	2321-8878
Myxobacteria: Producers of Enormous Bioactive Secondary Metabolites.	Dr Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	International Journal of Research in Pharmaceutical Sciences	2017 - 2018	0975-7538
AN ANALYSIS OF THE CRIMINOLOGICAL THEORIES WITH AN INDICATION TO THE FUTURE THEORIES	GURPAL SINGH	P.U. Regional Centre, Muktsar	International Journal of Research in Social Sciences	2017 - 2018	2249-2496
Educational Qualification for Elected Representatives	Dr. Arti Puri	P.U. Regional Centre, Ludhiana	International Journal of Research in Social Sciences	2017 - 2018	2249-2496
To study the job stress issues among police personal of UT Chandigarh	Dr. Anuradha Sharma and Pankaj Bala	Department of Community Education & Disability Studies	International Journal of Research in Social Sciences	2017 - 2018	2249-2496
Dispositional flow state among open skill athletes: A Predictor and quantification of sports performance, International Journal of Science Culture and Sport	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Science Culture and Sport	2017 - 2018	ISSN: 2148-1148
Mental toughness in sports: critical reflections and future considerations, International Journal of Science Culture and Sport	Prof. Dalwinder Singh	Department of Physical Education	International Journal of Science Culture and Sport	2017 - 2018	ISSN: 2148-1148
Workplace Spirituality, Glass Ceiling Beliefs and Subjective Success	Bushra S.P.Singh, Meenakshi Malhotra	University Business School	International journal of scientific and research Publication	2017 - 2018	2250-3153
Comparative qualitative profile of various extracellular enzymes produced by two indigenous fungus Lentinus cladopus and Pleurotus pulmonarius	Deepak K Rahi, Shabnam Thakur, Deepika Malik	Department of Microbiology	International Journal of Scientific Research in biological sciences	2017 - 2018	2347-7520
Optimization and Characterization of Xylanase from An Indigenous Strain of Aureobasidium Pullulans	Rahi DK, Richa and Kaur Maninder	Department of Microbiology	International journal of scientific research in biological sciences	2017 - 2018	2347-7520
Combating Climate Change in India: Role of CREST in the implementation of solar power generation in Chandigarh	Purva Mishra	University School of Open Learning	International Journal of Social Science and Economic Research	2017 - 2018	2455-8834,
Rate, reasons and results of teachers' violence on student: triangulated perspectives of students, teachers and parents	Dr. Mamta Garg	University School of Open Learning	International Journal of Social Science and Economic Research	2017 - 2018	ISSN: 2455-8834.

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Sense of humor of secondary school students in relation to academic achievement and gender	Kuljeet Kaur	University School of Open Learning	International Journal of Social Science and Economic Research	2017 - 2018	ISSN 2455-8834
Stress and illness relationships	Kuljeet Kaur	University School of Open Learning	International Journal of Social Science and Economic Research	2017 - 2018	ISSN 2455-8834
Comparative analysis of Totally blind and Low vision adults.	Prof. Madhurima Verma	University School of Open Learning	International Journal of Social Science Review, Vol 5,	2017 - 2018	ISSN-2347 - 3797
A Simple derivation of the Identity between Double h Vector Class and Three Stage Least Square Estimator	Manoj Kumar	Department of Statistics	International Journal of Statistika and Matematika	2017 - 2018	2270-2790
Psychromicrobium lacuslunae sp. nov., isolated from a high altitude lake	Prof. Rupinder Tewari	Department of Microbial Biotechnology	International Journal of Systematic and Evolutionary Microbiology	2017 - 2018	1466-5026
EXPLORING ENVIRONMENTALLY-RESPONSIBLE BEHAVIOUR OF CONSUMERS: EMPIRICAL EVIDENCES FROM INDIA	Monica Bedi	University Business School	International Journal of Trade & Global Business Perspectives	2017 - 2018	2319-9059
A Comparative Effect of Different SAQ Training on Selected Physiological Variables among School Athletes. International Journal of Yoga, Physiotherapy and Physical Education	Dr. Th. Nandalal Singh	Department of Physical Education	International Journal of Yoga, Physiotherapy and Physical Education	2017 - 2018	ISSN: 2456-5067
An Assessment of Anthropometric Variables among Male Cricketers of Chandigarh	Dr. Th. Nandalal Singh	Department of Physical Education	International Journal of Yogic, Hu	2017 - 2018	ISSN Number: 2456-4419
Lycopene loaded whey protein isolate nanoparticles: An innovative endeavor for enhanced bioavailability of lycopene and anti-cancer activity.	Jain, A.,Sharma, G., Ghoshal, G., Kesharwani,	University Institute of Pharmaceutical Sciences	International Journal ofPharmaceutics.	2017 - 2018	18733476, 03785173
Efficient Spectrum Sensing in Cognitive Radio Networks using Hybridized Particle Swarm Intelligence and Ant Colony Algorithm	Dr. Roopali Garg	University Institute of Engineering & Technology	International Journal on Communications Antenna and Propagation	2017 - 2018	2039-5086
Wavelet Based Image Transmission Analysis for Wireless VOIP	Sarvjit Singh, J.S. Sohal	University Institute of Engineering & Technology	International Journal on Recent and Innovation Trends in Computing and Communication	2017 - 2018	2321-8169
A study of job satisfaction of Teachers in relation to their Gender and Qualification	Amandeep Singh	Department of Evening Studies	International Multidisciplinary Research Journal	2017 - 2018	2349-7637

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Social Exclusion and Gender Differentials in Education in India	Amandeep Singh	Department of Evening Studies	International Multidisciplinary Research Journal	2017 - 2018	2349-7637
Construction and Standardisation of Computer Anxiety Scale	Dr. Ram Mehar	University School of Open Learning	International online Multidisciplinary Journal	2017 - 2018	ISSN NO 2249-894X
Career decision making and career choice anxiety in students with learning disabilities	Supreet Kaur	University School of Open Learning	International Research Journal of Commerce Arts and Science	2017 - 2018	ISSN 2319-9202
EMPLOYEE SILENCE: INVESTIGATION OF DIMENSIONALITY IN SELECT IT COMPANIES OF INDIA	Sonika & Dr. Sanjay Kaushik	University Business School	INTERNATIONAL RESEARCH JOURNAL OF HUMAN RESOURCES AND SOCIALSCIENCES (IRJHRSS)	2017 - 2018	2349-4085
Corporate Social Responsibility(CSR)practices and sustainable tourism development :Empirical evidences from Indian Tourism and Hospitality Sector	Prashant Kumar Gautam & LipikaK.Guliani	University Institute of Hotel and Tourism Management	International Research Journal of Management & Commerce)	2017 - 2018	23489766
An Overview of Goods & Service Tax (GST) in India in International Research Journal of Management And Commerce	Mr. Shashi Kapoor	P.U. Regional Centre, Ludhiana	International Research Journal of Management And Commerce	2017 - 2018	2348-9766
CUSTOMERS' CHOICE FOR OPENING AN ACCOUNT: COMPARISON BETWEEN PUBLIC AND PRIVATE SECTOR BANKS IN INDIA	Lipika	University Institute of Hotel and Tourism Management	International Research Journal of Management and Commerce	2017 - 2018	2348-9766
Gender differences in the association between lifestyle and carbon footprint: An empirical study	Gulati, N.	University Business School	International Research Journal of Management and Commerce	2017 - 2018	2348-9766
Disquiet among teachers towards inclusive education programme in Government Schools of Chandigarh	Dr. Anuradha Sharma and Sukhwinder Kaur	Department of Community Education & Disability Studies	International Research Journal of Social Sciences	2017 - 2018	2319-3565
CUSTOMER CHOICE FOR OPENING AN ACCOUNT: COMPARISON BETWEEN PUBLIC AND PRIVATE SECTOR BANKS IN INDIA	Lipika Bhardwaj, Dr. Sanjay Kaushik and Dr. ,Jagdeep Singh	University Business School	International Resurch Journal of Management and Commerce	2017 - 2018	2348-9766
Evaluation of CES and DFIG unit in AGC of realistic multisource deregulated power system	S. Dhundhara, Y.P. Verma	University Institute of Engineering & Technology	International Transactions on Electrical Energy Systems, Volume 27, Issue 5	2017 - 2018	20507038
Variation in Rural Manufacturing Sector development; Empirical Evidence from Indian States	Shergill, Amrita and ChitwanLalji	Department of Economics	IOSR Journal of Business and Management, 19(10)	2017 - 2018	2278-487X

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
High Street Malls and Shopping Behaviour of People.	Bawa, Ramandeep , Sinha, A.K & Kant. Rita	Department of Anthropology	IOSR Journal Of Humanities And Social Science (IOSR-JHSS)	2017 - 2018	e-ISSN: 2279-0837, p-ISSN: 2279-0845
Muslim Women's Rights in Divorce in Islamic Jurisprudence and Iranian Law: An Anallaysis	Dr. Supinder kaur	Department of Laws	IOSR Journal Of Humanities And Social Science (IOSR-JHSS), volume 22, Issue 9 (version 9)	2017 - 2018	2279-0837
Activity of Cu-Co-M (M= Ce, Ni, Au, Mg) catalysts prepared by coprecipitation method, calcined at high temperature for CO oxidation	Gaurav Rattan, Chirag Khullar, Maninder Kumar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Iranian Journal of Catalysis	2017 - 2018	23454865, 22520236
Immunoprophylactic Potential of a Cocktail of Three Low Mo-lecular Weight Antigens of Leishmania donovani along with Various Adjuvants Against Experimental Visceral leishmaniasis.	H. Kaur, A. Thakur and S. Kaur.	Department of Zoology	Iranian Journal of Parasitology. 13(1):11-23(2018).	2017 - 2018	1735-7020
An Optimal Control Based Technique for Generating Desired Vibrations in a Structure	BK Sarabi, M Sharma, D Kaur, N Kumar	University Institute of Engineering & Technology	Iranian Journal of Science and Technology, Transactions of Electrical	2017 - 2018	2364-1827
Social Media Usage: Positive and Negative Effects on the Life Style of Indian Youth	Dr. Monica Munjial Singh, Mohammad Amiri (Research Scholar), Prof. Sherry Sabbarwal	Centre for Social Work	Iranian Journal of Social Science and Humanities Research (IJSSHR), vol 5(3)	2017 - 2018	2382-9753
Social Media Usage: Positive and Negative Effects on the Life Style of Indian Youth, Iranian Journal of Social Sciences and Humanities Research (UJSSHR), Vol. 5 (3), University College of Takestan, Iran, (2017), pp. 123-127.	Sabbarwal, S., Singh, Monica Munjial & Amiri, Mohammad	Department of Sociology	Iranian Journal of Social Sciences and Hunanitites Research	2017 - 2018	
Dynamic mechanical characterization of PC/MWCNT composites under variable temperature conditions	P. Jindal, R. N. Yadav, and N. Kumar	University Institute of Engineering & Technology	Iranian Polymer Journal	2017 - 2018	1026-1265
Insider trading as a menace: An Indian perspective	Sharma, M. Vashisht, A.K. (Arora, S.)	University Business School	IUP Journal of Applied Economics	2017 - 2018	1514-0326
Lactobacillus plantarum?MTCC 9510 supplementation protects from chronic unpredictable and sleep deprivation?induced behaviour, biochemical and selected gut microbial aberrations in mice. Inpress.	Dhaliwal?J, Singh DP, Singh?S, Pinnaka? AK,?Boparai?RK, Bishnoi? M, Kondepudi?KK, Chopra K.	University Institute of Pharmaceutical Sciences	J Applied Microbiol,	2017 - 2018	13652672, 13645072

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Enhancing linearity in B/N doped graphene sheet for communication devices	Kaur I, Gupta S and Sharma P.	University Institute of Engineering & Technology	J Mater Sci: Mater Electron	2017 - 2018	10050302
Study of uranium toxicity using lowbackground gamma-ray spectrometry	Srivastava, A., Chahar, V., Sharma, V., Sun, Y., Bol, R., Knolle, F., Schnug, E., Hoyler, F., Na	Department of Geology	J Radioanal Nucl Chem	2017 - 2018	0236-5731
Plant parts substitution based approach as a viable conservation strategy for medicinal plants: A case study of Premna latifolia Roxb.	Jena, A., Karan, M. And Vasisht, K.	University Institute of Pharmaceutical Sciences	J. Ayur Integ Med.	2017 - 2018	0975-9476
Plant parts substitution based approach as a viable conservation strategy for medicinal plants: A case study of PremnalatifoliaRoxb..	Jena, A., Karan, M. And Vasisht, K.	University Institute of Pharmaceutical Sciences	J. AyurInteg Med	2017 - 2018	2456-3110
Synthesis and Biological Evaluation of 2-substituted-6-(morpholinyl/piperidiny)pyridazin-3(2H)-ones as Potent and Safer Anti-inflammatory and Analgesic Agents.	Jyoti Singh, Deepika Sharma and Ranju Bansal	University Institute of Pharmaceutical Sciences	J. Heterocyclic Chem.,	2017 - 2018	0022152X
A generalization of a result of Birch and Swinnerton-Dyer	Madhu Raka	Department of Mathematics	J. Indian Math. Soc. (N.S.)	2017 - 2018	0019-5839
Copper(II) diclofenac complexes: Synthesis, structural studies and interaction with albumins and calf- thymus DNA	Kumar, S., Sharma, R.P., Venugopalan, P., Ferretti, V., Perontsis, S., Psomas, G	Department of Chemistry	J. Inorg. Biochem., 2018, 187, 97-108	2017 - 2018	0162-0134
Spectroscopic, thermal, quantum chemical calculations and in vitro biological studies of titanium/zirconium(IV) complexes of mono-and disubstituted aryldithiocarbonates,Journal of Molecular Structure, 1155, 215-231, 2018.	S. Andotra, S. Kumar, M. Kour, N. Kalgotra,Vikas, Chayawan and S. K. Pandey	Department of Chemistry	J. Mol. Struct.	2017 - 2018	0022-2860
Synthesis, spectroscopic characterization, single crystal X-ray structure and packing analysis of [Cu(temed)(p-nitro-cinnamate)2] and [Cu(temed)(p-methoxy-cinnamate)2]	Kumar, S., Sharma, R.P., Venugopalan, P., Jerzykiewicz, M., Starynowicz, P	Department of Chemistry	J. Mol. Struct., 2018, 1173, 261-267	2017 - 2018	0022-2860
Synthesis, spectroscopic characterization, single crystal X-ray analysis and DFT calculation of isomeric Cu(MR)2(β/γ-pic)2complexes: First transition metal complexes of methyl red	Kumar, S., Sharma, R.P., Venugopalan, P., Aree, T	Department of Chemistry	J. of Mol. Struct., 2018, 1166, 388-396	2017 - 2018	0022-2861
Chrysincocrystals: Characterization and evaluation.	Chadha, R., Bhalla, Y., Nandan, A., Chadha, K., Karan. M.	University Institute of Pharmaceutical Sciences	J. Pharm. Biomed. Anal	2017 - 2018	0731-7085

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Is failure of cocrystallization actually a failure? Eutectic formation in cocrystal screening of hesperetin.	Chadha, K., Karan, M., Bhalla, Y., Chadha, R. and Vasisht, K.	University Institute of Pharmaceutical Sciences	J. Pharm. Sci.	2017 - 2018	1520-6017
Biomimetic Solid Lipid Nanoparticles of Sophorolipid Designed for Anti-Leprosy Drugs	Rohini Kanwar, Michael Gradzielski, S. K. Mehta	Department of Chemistry	J. Phys. Chem. B 2018, 122, 6837–6845	2017 - 2018	1520-6106
Protocols for wireless sensor networks: A survey	A. Kochhar, P. Kaur, P. Singh, and S. Sharma	University Institute of Engineering & Technology	J. Telecommun. Inf. Technol	2017 - 2018	15094553
Breakup effects on alpha spectroscopic factors of 16 O	S.Adhikari , C.Basu , P.Sugathan , A.Jhinghan , B.R.Behera , N.Saneesh , G.Kaur , M.Thakur , R.Mahaj	Department of Physics	J.Phys.(London) G44, 015102 (2017)	2017 - 2018	0954-3899
Vidwana di nagar vich	Bhupinder Kaur	Department of Evening Studies	Jago International	2017 - 2018	22773266
Combination of Follicular and Epidermal Cell Suspension as a Novel Surgical Approach in Difficult-to-Treat Vitiligo: A Randomized Clinical Trial	M T Razmi , R Kumar, S Rani, S M Kumaran, S Tanwar and D Parsad	Department of Zoology	JAMA Dermatology	2017 - 2018	2168-6068
Bamboo: A prospective ingredient for Functional Food and Nutraceuticals	Nirmala C and Bisht M.S.	Department of Botany	Japan Bamboo Journal	2017 - 2018	
What Went Wrong With the Third Alternative? Exploring the Rise and Demise of the Aam Aadmi Party in Punjab,	Prof. Ronki Ram	Department of Political Science	Japanese Journal of Political Science	2017 - 2018	Vol. 25, No. 1, Spring 2018, pp. 3-36
Electoral Politics in Punjab: A Study of Shiromani Akali Dal	Prof. Ashutosh Kumar	Department of Political Science	Japanese Journal of Political Science	2017 - 2018	Vol. 37(1): 37–57
Adult Education and Social Transformation of Rural India	Dr Ameer Sultana	Department Cum Centre for Women Studies & Development	JETIR	2017 - 2018	ISSN-2349-5162
Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at sqrt{s}= 13 TeV	V. Bhatnagar et. al.,	Department of Physics	JHEP 03 (2018) 160	2017 - 2018	10298479
Search for lepton-flavor violating decays of heavy resonances and quantum black holes to eμ final states in proton-proton collisions at sqrt{s}=13 TeV	V. Bhatnagar et. al.,	Department of Physics	JHEP 04 (2018) 073	2017 - 2018	10298479
Search for natural and split supersymmetry in proton-proton collisions at s=13 sqrt{s}=13 s =13 TeV in final states with jets and missing transverse momentum	V. Bhatnagar et. al.,	Department of Physics	JHEP 05 (2018) 025	2017 - 2018	10298479

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Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at $\sqrt{s}=13$ TeV	V. Bhatnagar et. al.,	Department of Physics	JHEP 05 (2018) 088	2017 - 2018	10298479
Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s}=13$ TeV	V. Bhatnagar et. al.,	Department of Physics	JHEP 06 (2018) 027	2017 - 2018	10298479
Search for single production of vector-like quarks decaying to a b quark and a Higgs boson	V. Bhatnagar et. al.,	Department of Physics	JHEP 06 (2018) 031	2017 - 2018	10298479
Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV JHEP 1707 (2017) 052.	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 07 (2017) 052	2017 - 2018	10298479
Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV	V. Bhatnagar et. al.,	Department of Physics	JHEP 07 (2018) 161	2017 - 2018	10298479
W and Z boson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1702 (2017) 077.	2017 - 2018	10298479
Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC	Kumar, L. (ALICE Collaboration)	Department of Physics	JHEP 1709 (2017) 032.	2017 - 2018	10298479
TRADE UNIONISM IN THE 21st CENTURY	Dr. Vibhuti Nakta	Department of Laws	JLSR VOL 4 ISSUE 2	2017 - 2018	24552437
An Apparent Oddity in Iconography	Tirthankar Bhattacharya	Department of Art History and Visual Arts	Jnana-Pravaha Research Journal-Volume-XXI	2017 - 2018	9762078
Phytochemical analysis and mode of action against Candida glabrata of Paeonia emodi extracts	Jadab Sharma	Centre for Nanoscience and Nanotechnology	Journal de Mycologie Me´dicale	2017 - 2018	1156-5233
Sports Law in India: Present Status and Future Road Map	Dr. Anil Kumar Thakur	Department of Laws	Journal of Advance and Scholarly Research in Allied Education Vol 15 issue 3	2017 - 2018	2230-7540
Banks' Policy and Employees' attitude towards CSR & Social issues –study of select public and private sector banks	Lipika	University Institute of Hotel and Tourism Management	Journal of Advance Management	2017 - 2018	2393-9664
BANKS' POLICY AND EMPLOYEES' ATTITUDE TOWARDS CSR AND SOCIAL ISSUES STUDY OF SELECT PUBLIC AND PRIVATE SECTOR BANKS	Lipika Bhardwaj, Dr. Sanjay Kaushik And Dr. Jagdeep Singh	University Business School	Journal of Advance Management Research,	2017 - 2018	2393-9664
Issues in Devanagari Ancient Character Recognition: A Study	Sonika Rani Narang and M. K. Jindal	P.U. Regional Centre, Muktsar	Journal of Advances and Scholarly Researches in Allied Education [JASRAE]	2017 - 2018	2230-7540

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Application of Lotka's Law in Library Science Literature of Select Central Universities in North India.	Dr. Rupak Chakravarty and Jyoti Sharma	Department of Library & Information Science	Journal of Advances in Library and Information Science	2017 - 2018	2277-2219
Identifying Problems and Suggestions for Improving the Services N-LIST E-Resources for Better Academic Pursuits.	Dr. Rupak Chakravarty and Shivani Kaushal	Department of Library & Information Science	Journal of Advances Research in Library and Information Science	2017 - 2018	2395-2288
Symmetries in idempotent factorizations,	Anjana Khurana	Department of Mathematics	Journal of Algebra and its Applications	2017 - 2018	0219-4988
Ab-initio calculations of elastic constants and thermodynamic properties of LuAuPb and YAuPb half-heusler compounds	Sukhwinder Singh, Rajesh Kumar	Department of Physics	Journal of Alloys and Compounds	2017 - 2018	0925-8388
Photoluminescent C-dots: An overview on the recent development in the synthesis, physiochemical properties and potential applications	(S. Sharma, A. Umar, S. Sood, S.K.Mehta, S.K. Kansal)	Department of Chemistry	Journal of Alloys and Compounds, 748 (2018) 818-853	2017 - 2018	0925-8388
Insecticidal effects of aqueous extracts of wild pomegranate peel and seed (Punicagranatum L.) against Macrosiphum rosaeformis on rose.	Garima Gupta, Kriti Dharma, and Neelima. R. Kumar	Department of Zoology	Journal of Applied and Natural Science.	2017 - 2018	0974-9411
Electrothermal Convection in Dielectric Maxwellian Nanofluid Layer	Veena Sharma, Anuradha Chowdhary, Urvashi Gupta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Applied Fluid Mechanics	2017 - 2018	1735-3645
Aphicidal effects of terpenoids present in Citrus limon on Macrosiphum roseiformis and two generalist insect predators	Garima Gupta, Uday Agarwal, Harneet Kaur, Neelima. R. Kumar and Pawan Gupta	Department of Zoology	Journal of Asia Pacific Entomology.	2017 - 2018	1226-8615
Isolation, Characterization and Antianxiety Activity of Pentocosan-13-ol from Ferula sumbul Hook. Roots.	Batra S, Kumar A and Sharma A.	University Institute of Pharmaceutical Sciences	Journal of Biologically Active Products from Nature	2017 - 2018	22311874
Conserved cysteine variants of metagenomic derived polygalacturonase concurrently shift its optima at acidic pH and enhanced thermostability: Structural and functional analysis	Rajvinder Singh, Arbind Kumar, Nisha Chopra, Ritu Mahajan, Jagdeep Kaur	Department of Biotechnology	Journal of biomolecular structure and dynamics	2017 - 2018	0739-1102
Drug targeted virtual screening and molecular dynamics of lipU protein of Mycobacterium tuberculosis and Mycobacterium leprae	Gurkamaljit Kaur, Bharati Pandey, Arbind Kumar, Naina Garewal, Abhinav Grover, Jagdeep Kaur	Department of Biotechnology	Journal of biomolecular structure and dynamics	2017 - 2018	0739-1102
Experimental validation of DNA interactions with nanoparticles derived from metal coupled amphiphiles	Rekha, Gurpreet Kaur and S.K. Mehta	Department of Chemistry	Journal of Biomolecular Structure and Dynamics	2017 - 2018	0739-1102

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Fabrication of iron oxide nanocolloids using metallosurfactant-based microemulsions: antioxidant activity, cellular, and genotoxicity toward Vitis vinifera	Kaur G, Dogra V, Kumar R, Kumar S, Singh K	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2017 - 2018	0739-1102
N-(4-Hydroxyphenyl)-3, 4, 5-trimethoxybenzamide derivatives as potential memory enhancers: synthesis, biological evaluation and molecular simulation studies	Piplani, P., Sharma, M., Mehta, P., && Malik, R.	University Institute of Pharmaceutical Sciences	Journal of Biomolecular Structure and Dynamics	2017 - 2018	1538-0254
Green Synthesis of Silver Nanoparticles Using Syzygium aromaticum (Clove) Bud Extract: Reaction Optimization, Characterization and Antimicrobial Activity.	Prof. Archana Bhatnagar	Department of Biochemistry	Journal of Bionanoscience	2017 - 2018	15577929, 15577910
Review: Non-ribosomal peptide synthetases: Identifying the cryptic gene clusters and decoding the natural product.	Dr. Dipti Sareen	Department of Biochemistry	Journal of biosciences	2017 - 2018	0250-5991 (print) 0973-7138 (web)
Modelling and Optimization for Management of Municipal Solid Waste	Vinay Arora	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Biosphere	2017 - 2018	2278-3342
Modelling & optimisation of Municipal Solid Waste	Vinay Arora	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Biosphere,7: 29-32	2017 - 2018	2278 – 3342
Serum Levels of TIMP-3, LIPC, IER3 and SLC16A8 in CFH Negative AMD Cases, Journal of Cellular Biochemistry	Prof. S.K.Sharma	Centre for System Biology & Bioinformatics	journal of cellular biochemistry	2017 - 2018	https://doi.org/10.1002/jcb.25837
Viscosity index improver for engine oils: An experimental study	Gaurav Rattan, Nitu Singh Parihar	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Chemical and Petroleum Engineering	2017 - 2018	2423-6721
Study of physico-chemical, structural, thermal and in-vitro characteristics of zinc and magnesium substituted nanodimensional hydroxyapatite	SeemaKapoor et al.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Chemical and Pharmaceutical Research	2017 - 2018	ISSN : 0975-7384
The Reduction of Alkynes Over Pd-Based Catalyst Materials - A Pathway to Chemical Synthesis	AO Ibhaddon, S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Chemical Engineering & Process Technology	2017 - 2018	2157-7048
Simple preparation of cuprous oxide nanoparticles for catalysis of azide–alkyne cycloaddition, Journal of Chemical Research	Mojtaba Amini, Sakine Ramezani, Alireza Pourvahabi Anbari, Abolghasem Beheshti, Sanjeev Gautam, Keun	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Chemical Research	2017 - 2018	1747-519 8

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Effect of 1-butyl-4-methyl pyridinium iodide, $\frac{1}{2}$ C4mpy I, ionic liquid on hydration behaviour of aqueous solutions of α -amino acids at different temperatures through volumetric and ultrasonic study	Suresh Kumar Sharma, Gurpreet Singh, Harsh Kumar, Ramesh Kataria	Department of Chemistry	Journal of Chemical Thermodynamics	2017 - 2018	0021-9614
Cloud point extraction coupled with microwave-assisted back-extraction (CPE-MABE) for determination of Eszopiclone (Z-drug) using UV-Visible, HPLC and mass spectroscopic (MS) techniques: Impaled and in vivo analysis	Shweta Sharma	Institute of Forensic Science & Criminology	Journal of Chromatography B	2017 - 2018	1570-0232
Optical Flow and Prediction Residual Based Hybrid Forensic System for Inter-Frame Tampering Detection	Singh, Raahat Devender, and Naveen Aggarwal	University Institute of Engineering & Technology	Journal of Circuits, Systems, and Computers Vol. 26, No. 7 (2017) 1750107	2017 - 2018	15424863
NiO nanodisks: Highly efficient visible-light driven photocatalyst, potential scaffold for seed germination of Vigna Radiata and antibacterial properties	Savita Chaudhary, Yesbinder Kaur, B. Jayee, G. R. Chaudhary and Ahmad Umar.	Department of Chemistry	Journal of Cleaner Production 190 (2018) 563-576	2017 - 2018	SSN: 0959-6526
Biofilm Formation by Drug Resistant Enterococci Isolates Obtained from Chronic Periodontitis Patients. .	Sonia B Bhardwaj, Manjula Mehta, Shaveta Sood, Jyoti Sharma	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Clinical and Diagnostic Research	2017 - 2018	ISSN 0973-709X
Inheritance of hypertrichosis pinnae auris- A review of literature.	Baryah, N, Krishan, K, Puri,S, & Kanchan, T	Department of Anthropology	Journal of Clinical and Diagnostic Research	2017 - 2018	Online : ISSN - 0973-709X , Print : 2249-782X.
Biocompatible Gadolinium oxide nanoparticles as effeient agent against pathogenic bacteria	Aashima, SK Pandey, S Singh, SK Mehta	Department of Chemistry	Journal of Colloid and Interface Science	2017 - 2018	0021-9797
Financial development and industrial growth in India: An empirical investigation	Raj, T.	University Business School	Journal of Commerce and Accounting Research	2017 - 2018	2277-2146
Traffic aware load balancing in AOMDV for mobile Ad-hoc networks	Krishan Kumar	University Institute of Engineering & Technology	Journal of Communications and Information Networks	2017 - 2018	25093312
HEMT Based 6T Static Random Access Memory Cell Design for High Speed Applications	Dr. Balwant Raj	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Computational and Theoretical Nanoscience	2017 - 2018	ISSN 1546-1955 (Print); ISSN 1546-1963 (Online)
Bone vessel image fusion via generalized reisz wavelet transform using averaging fusion rule.	Dogra, Ayush, Bhawna Goyal, and Sunil Agrawal.	University Institute of Engineering & Technology	Journal of Computational Science	2017 - 2018	1877-7503

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Predictive Efficiency of the Estimators Under Non – Stochastic Restrictions	Manoj Kumar and Amit Sharma	Department of Statistics	Journal of Computer and Mathematical Sciences	2017 - 2018	ISSN 0976 - 5727 (print)
Incidence of dentinal defects during root canal preparation with hand files using different irrigants: An in vitro study	Swaty Jhamb	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Conservative Dentistry	2017 - 2018	9720707; 9745203
Effect of Interactive Whiteboard Technology on Achievement in English in Relation to self Efficacy	Dr. Ram Mehar	University School of Open Learning	Journal of Contemporary Educational Research and Innovations	2017 - 2018	ISSN 2250-0618
Recording 'Oral Histories' as a pedagogical tool in Media Studies: A Case Study	Prof. Archana R.Singh	School of Communication Studies	Journal of Content, Community & Communication	2017 - 2018	2395-7514
Integrating a profile of frontal face with its mirror image for facial reconstruction	S.K.Sharma, Paramjit Kaur, Kewal Krishan et.al	Department of Statistics	Journal of Craniofacial Surgery,	2017 - 2018	10492275, 15363732
Berberis aristata ameliorates testicular toxicity induced by combination of first line antituberculosis drugs(Rifampicin + Isoniazid +Pyrazinamide) in normal Wistar rats	R Sharma,N Goyal, M Singla and V L Sharma	Department of Zoology	Journal of dietary Supplements.	2017 - 2018	1939-0211
Understanding issues of sexuality and marriage among persons with disability	Gupta, R. K	Department of Education	Journal of Disability Management and Rehabilitation	2017 - 2018	24546437
Rights of Persons With Disability Act 2016: A Critique	Gupta, R. K	Department of Education	JOURNAL OF DISABILITY STUDIES	2017 - 2018	2454-6623
Oral microemulsion of phytoconstituent found in licorice as chemopreventive against benzo (a) pyrene induced forestomach tumors in experimental mice model.	Kaur, A., Sharma, G., Verma, S., Goindi, S., Katare, O.P.	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology	2017 - 2018	1773-2247.
Preparation, characterization and anti-inflammatory effects of curcumin loaded carboxymethyl cellulose acetate butyrate nanoparticles on adjuvant induced arthritis in rats.	Dewangan AK, Perumal Y, Pavurala N,Chopra K, Mazumder S.	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology,	2017 - 2018	1773-2247
Aceclofenac polymorphs: Preparation, characterization and intestinal permeation studies.	Raza, K., Ratan, S., Kumar, M., Kumar, P., Chaturvedi, S. & Katare, O.P.	University Institute of Pharmaceutical Sciences	Journal of Drug Delivery Science and Technology.	2017 - 2018	1773-2247.
Local drug delivery in the urinary tract: current challenges and opportunities.	Mittal R, Pan DR, Parrish JM, Huang EH, Yang Y, Patel AP, Malhotra AK, Mittal J, Chhibber S, Harjai	Department of Microbiology	Journal of drug targeting	2017 - 2018	10292330

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Topical delivery of TRPsiRNA loaded solid lipid nanoparticles confer reduced pain sensation via TRPV1 silencing, in rats.	Sharma G., Kondepudi, K.K.,? Bishnoi, M., Kaur, I. P	University Institute of Pharmaceutical Sciences	Journal of Drug Targeting	2017 - 2018	1061-186X,1029-2330
Topical delivery of TRPsiRNA-loaded solid lipid nanoparticles confer reduced pain sensation via TRPV1 silencing, in rats., 26(2), pp.135-149.	Gaurav Sharma, Kanwaljit Chopra, Sanjeev Puri, Mahendra Bishnoi, Praveen Rishi, Indu P Kaur	Department of Microbiology	Journal of drug targeting	2017 - 2018	10292330
Topical delivery of TRPsiRNA-loaded solid lipid nanoparticles confer reduced pain sensation via TRPV1 silencing, in rats.	Gaurav Sharma, Kanwaljit Chopra, Sanjeev Puri, Mahendra Bishnoi, Praveen Rishi &&&&&& Indu P. Kaur	University Institute of Pharmaceutical Sciences	Journal of Drug Targeting,	2017 - 2018	1061-186X,1029-2330
Long-chain triglycerides-based self-nanoemulsifying oily formulations (SNEOFs) of darunavir with improved lymphatic targeting potential.	Garg, B., Beg, S., Kaur, R., Kumar, R., Katare, O.P. & Singh, B.	University Institute of Pharmaceutical Sciences	Journal of Drug Targeting.	2017 - 2018	10292330, 1061186X
Occurrence of Invasive Najas marina (Hydrocharitaceae) In Sukhna Lake, Union Territory Of Chandigarh, India	Sidhu, M. C., Puri, S. and Ahluwalia, A. S.	Department of Botany	Journal of Economic and Taxonomic Botany	2017 - 2018	0970-3306
EFFECT OF INQUIRY TRAINING MODEL ON ACHIEVEMENT IN MATHEMATICS IN RELATION TO MATHEMATICS ANXIETY	Dr. Ram Mehar	University School of Open Learning	JOURNAL OF EDUCATION AND PSYCHOLOGICAL RESEARCH	2017 - 2018	2230-9586
Building as learning aid: Learning outcomes of primary school students.	Grover, J.	Department of Education	Journal of Education, 7(1), 6-14.	2017 - 2018	2515-5741
Attitudes of eighth graders towards cooperative learning in science classroom	Kalpana Thakur	Institute Of Educational Technology & Vocational Education	Journal of Education, 7(1), 67-75	2017 - 2018	0975-8720
A study of cyberethics awareness among university students.	Grover, J.	Department of Education	Journal of Education, 7(2), 1-9.	2017 - 2018	2515-5741
Giving a return call to the girls stuck in Fairyland	Chanchal Narang	University Institute of Legal Studies	Journal of Education, June 2017	2017 - 2018	ISSN-0975-8720
Waves in Nonlocal Elastic Solid with Voids	Dilbag Singh	Department of Mathematics	Journal of Elasticity	2017 - 2018	0374-3535
An electrochemical aptasensor based on gold nanoparticles and graphene oxide doped Poly(3,4-ethylenedioxythiophene) nanocomposite for detection of MUC1.	Dr. Nirmal Prabhakar	Department of Biochemistry	Journal of Electroanalytical Chemistry	2017 - 2018	1572-6657

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An overview of problem based learning in engineering education	Dr.Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Emerging Tchnologies and Innovative Research	2017 - 2018	2349-5162
Assistant Professor	Maninder Kaur	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Emerging Technologies and Innovative Research	2017 - 2018	ISSN-2349-5162)
An overview of friction stir welding og magnesium alloy	Dr.Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Emerging Technologies and innovative researchs	2017 - 2018	2349-5162
A Facile synthesis of silver modified ZnO nanoplates for efficient removal of ofloxacin drug in aqueous phase under solar irradiation	Kaur, Amandeep; Gupta, G.; Ibhadon, Alex O.; Salunke, Deepak B.; Sinha, A. S. K.; Kansal, Sushil Kum	Department of Chemistry	Journal of Environmental Chemical Engineering	2017 - 2018	2213-3437
A Facile synthesis of silver modified ZnOnanoplates for efficient removal of ofloxacin drug in aqueous phase under solar irradiation	Amandeep Kaur, Girish Gupta, Alex O. Ibhadon, Deepak B. Salunke, A. S. K. Sinha, Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Environmental Chemical Engineering	2017 - 2018	2213-3437
Removal of ciprofloxacin hydrochloride from aqueous solution using vertical bed and sequential bed columns. Journal of Environmental Chemical Engineering, 6:4391-4398	Neeta Sharma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Environmental Chemical Engineering	2017 - 2018	
Visible light driven photocatalytic degradation of ofloxacin and malachite green dye using cadmium sulphide nanoparticles	Manjot Kaur,Surinder K Mehta,Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Environmental Chemical Engineering	2017 - 2018	2213-3437
Chemical Characterization and Phytotoxicity of Foliar Volatiles and Essential Oil of Callistemon viminalis	Bali, A S, Singh, H P, Daizy, R B, Kaur, S Kohli, R.K.	Department of Environment Studies	Journal of Essential Oil Bearing Plants	2017 - 2018	0972060X
Luminescent Benzothiazole-Based Fluorophore of Anisidine Scaffoldings: a Turn-On Fluorescent Probe for Al3+ and Hg2+ Ions	Gargi Dhaka · Navneet Kaur · Jasvinder Singh	Department of Chemistry	Journal of Fluorescence	2017 - 2018	1053-0509
Rheological properties and microstructure of xylanase containing whole wheat bread dough	G Ghoshal, US Shivhare, UC Banerjee	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Food Science and Technology	2017 - 2018	0975-8402
Bare footprint metric analysis methods for comparison and identification in forensic examinations: A review of literature	Mukhra, R, Krishan, K, & Kanchan T.	Department of Anthropology	Journal of forensic and Legal Medicine 58: 101-112,	2017 - 2018	1752-928X (print) 1878-7487 (web)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
A metric study of insole foot impressions in footwear of identical twins,	Nirenberg, M.S, Krishan, K, & Kanchan, T.	Department of Anthropology	Journal of forensic and Legal Medicine52 (6): 116-121, Elsevier Science,	2017 - 2018	1752-928X (print) 1878-7487 (web)
Estimation of stature from sternum – Exploring the quadratic models	Saraf, A, Kanchan, T, Krishan, K, Ateriya, N, & Setia P.	Department of Anthropology	Journal of forensic science and legal medicine	2017 - 2018	1752-928X (print) 1878-7487 (web)
Malachite green induced acute toxicity in Cyprinus carpio.	R Sinha, R Jindal.	Department of Zoology	Journal of Global Biosciences,	2017 - 2018	2320-1355
Effectiveness of Public Service Delivery through the Right to Information (RTI) Act, 2005: An empirical study of Chandigarh	Dr. Bharati Garg	Department of Public Administration	Journal of Governance and Public Policy, January-June, 2018	2017 - 2018	2231-0924
Death Penalty under Criminal Justice System: International and National Scenario with special reference to India	Dr. Jyoti Rattan	Department of Laws	Journal of Gujarat National Law University	2017 - 2018	0974-9810
influence of emotional labour on job satisfaction among employees of private hospitals: A structural equation modelling approach	Prof.Luxmi malodia and sandeep kaur	University Business School	Journal of health management	2017 - 2018	0972-0634
The effect of Azadirachta indica Leaf Extract on Early Stages of Chemically Induced Skin Cancer in Mice	Chugh NA, Bansal MP, Koul A	Department of Biophysics	Journal of Herbs, Spices & Medicinal Plants	2017 - 2018	ISSN:1049-6475E- ISSN:1540-3580
Book Review: Susan Verma Mishra and Himanshu Prabha Ray (Eds). The Arhcaeology of Sacred Spaces: The Temple in Western India, 2nd century BCE-8th century CE.	Dr. Ashish Kumar	Department of History	Journal of Heritage Management, Vol. 3, No. 1, 2018	2017 - 2018	2455-9296
Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s}_{\mathrm{NN}}=5.02$ TeV _{SEP} JHEP 1809 (2018) 006.	Kumar, L. (ALICE Collaboration)	Department of Physics	Journal of High Energy Physics	2017 - 2018	1029-8479
‘Sonkh: A Tale of Two Shrines’	Dr. Ashish Kumar	Department of History	Journal of History & Social Sciences, Vol. VII	2017 - 2018	2229 - 5798
Influence of physique and body fat on menarcheal status among adolescent girls of Haryana State of North India.	Gaur, Rajan ; Jaggi, Shalu	Department of Anthropology	Journal of Human Evolution 32 (1-2): 57-73	2017 - 2018	0047-2484
Decline in Female Labour Force in India’ in SOURCE	Chaudhary, Reena Rani	University School of Open Learning	Journal of Humanities and Social Scinence	2017 - 2018	2250-0642
Status of Disabled women in India	Mahajan, Madhurima	University School of Open Learning	Journal of Humanities and Social Scinence	2017 - 2018	ISSN No. 2250-0642

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Commentary on predicting the dental implant stability based on the antiresonance phaseof a piezo-based impedance sensor	Shefali Singla	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of ICDRO Innovations in Dentistry	2017 - 2018	Print ISSN: 2231-0754, E-ISSN: 2231-5357
Evading Antibody Mediated Inactivation of Bacteriophages Using Delivery Systems;	Gondil VS. and Chhiber S.	Department of Microbiology	Journal of Immuno Virology	2017 - 2018	2473-5582
Lasers and Electrocautery Alternative Modalities for Conventional Frenectomy Techniques.	Dr Jyoti Gupta	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian Dental association	2017 - 2018	Online ISSN- 2248-9231
Do the stock prices of BRICS follow random walk, 22 (2): 19-23 (2017).	Dr.Nishi Sharma	University Institute of Applied Management Sciences	Journal of Indian Management & Strategy	2017 - 2018	0973-9335
Comparison of clinical effectiveness of single and multiple applications of 1% chlorhexidine varnish (cervitec plus) alongwith scaling and root planing in patients with chronic periodontitis.	Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of Indian society of Periodontology	2017 - 2018	ISSN-0972124X
Progress in the sensing techniques for heavy metal ions using nanomaterials	Pawan Kumar, Ki-Hyun Kim, Vasudha Bansal, Theodore Lazarides, Naresh Kumar	University Institute of Engineering & Technology	Journal of Industrial and Engineering Chemistry	2017 - 2018	1226-086X
Effective and fast face recognition system using complementary OC-LBP and HOG feature descriptors with SVM classifier	Indu Chhabra and Geetika Singh	Department of Computer Science & Applications	Journal of Information Technology Research 2.01	2017 - 2018	1938-7865
A Comparative Evaluation of Effect of Reinforced Autopolymerizing Resin on the Flexural Strength of Repaired Heat-polymerized Denture Base Resin before and after Thermocycling	Virender Kumar, Lalit Kumar, Komal Sehgal	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of International Society of Preventive and Community Dentistry	2017 - 2018	ISSN: Print - 2231-0762, Online - 2250-1002
A secured cognitive agent based multi-strategic intelligent search system	Gulati, N. (Garg, A.)	University Business School	Journal of King Saud UniversityComputer and Information Sciences	2017 - 2018	22131248, 13191578
Analysis of N-LIST Non-users of the Select Degree Colleges Affiliated to Panjab University, Chandigarh	Dr. Rupak Chakravarty and Shivani Kaushal	Department of Library & Information Science	Journal of Library and Information Science	2017 - 2018	0970-714X
Collection and Services of National Institute of Technology Libraries of North-West India: A Comparative Study	Nirupma Chohda	A C Joshi Library	Journal of Library and Information Science	2017 - 2018	0970-714 X
Analytical Qbd-Based Systematic Bioanalytical HPLC Method Development for Estimation of Quercetin Dihydrate.	Sandhu P.J., Beg S., Kumar R., Katare, O.P. & Singh, B.	University Institute of Pharmaceutical Sciences	Journal of Liquid Chromatography & Related Technologies,	2017 - 2018	1082-6076

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Applications of Monte-Carlo simulation and chemometric techniques for development of bioanalytical liquid chromatography method for estimation of rosuvastatin calcium.	Beg, S., Panda, S.S., Katare, O.P. &&&& Singh, B.	University Institute of Pharmaceutical Sciences	Journal of Liquid Chromatography &&&&Related Technologies	2017 - 2018	1520572X, 10826076
Replacing 1, 10-phenanthroline fluorophore with benzil: A structural modification for selectivity	Priya Alreja, Navneet Kaur	Department of Chemistry	Journal of luminiscence	2017 - 2018	0022-2313
Structure Conduct Performance and Efficient-Structure hypotheses – Evaluation in Indian Tourism Industry	Purva Kansal, Arpit Khurana	University Business School	Journal of Management Research and Analysis	2017 - 2018	2394-2770
Chemosensors for biogenic amines and biothiols	Kaur, N., Chopra, S., Singh, G., Raj, P., Bhasin, A., Sahoo, S.K., Kuwar, A., Singh, N.	Department of Chemistry	Journal of Materials Chemistry B, 2018, 6, 4872	2017 - 2018	1520-6106
Assessment of integrated binary process by coupling photocatalysis and photo-Fenton for the removal of cephalexin from aqueous solution	Bansal, P., Verma, A., Mehta, C., Singla, J., & Toor, A. P.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Materials Science	2017 - 2018	222461
Combating food pathogens using sodium benzoate functionalized silver nanoparticles: synthesis, characterization and antimicrobial evaluation.	Kumar M., Bala R., Gondil V.S., Pandey S.K., Chhibber S., Jain D. V. S., Sharma R.K. & Wangoo N.	Department of Microbiology	Journal of Materials Science	2017 - 2018	0022-2461
Transfersomal Phage Cocktain is an Effective Treatment against Methicillin-Resistant Staphylococcus aureus-Medicated Skin and Soft Tissue Infectins, AACO2146-6.	Chhibber S., Shukla A. and Kaur S.	Department of Microbiology	Journal of Materials Science	2017 - 2018	0022-2461
A comparative study of transport properties of copper doped cadmium selenide thin films at two opant concentrations	Sharma, K.,Poonam, Saini, G.S.S S., Tripathi, S.K.	Department of Physics	Journal of Materials Science Materials in Electronics	2017 - 2018	0957-4522
Combating food pathogens using sodium benzoate functionalized silver nanoparticles: synthesis, characterization and antimicrobial evaluation,	Kumar M., Bala R., Gondil V.S., Pandey S.K., Chhibber S., Jain D.V.S., Sharma R. K. and Wangoo N.	Department of Microbiology	Journal of Materials Science volume	2017 - 2018	0022-2461
Metallic/chalcogen dual phase effects on dielectric relaxations Resonance and spectroscopic impedance in amorphous chalcopyrite CuxInyGa10Se70-xTe20-ythin films (2018) Journal of Material Science: Materials in Electronics, 29(17), pp 14406-14415	Singh, H.,Bharti, A. Goyal, N., Gill, P.S.	Department of Physics	Journal of Materials Science: Materials in Electronics	2017 - 2018	1573-482X

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Modeling linearity and ambipolarity in GFETs on different dielectrics for communication applications.	Shuchi Gupta	University Institute of Engineering & Technology	Journal of Materials Science: Materials in Electronics	2017 - 2018	ISSN: 0957-4522 (print); 1573-482X (web)
Synthesis and investigation of photonic properties of surface modified ZnO nanoparticles with imine linked receptor as coupling agent- for application in LEDs	Charu Madhu, Inderpreet Kaur, Navneet Kaur	University Institute of Engineering & Technology	Journal of Materials Science: Materials in Electronics	2017 - 2018	0957-4522
Effect of processing conditions on the electrical resistance of MWCNT/epoxy nanocomposite based strain sensors.	Sapra G., P. Kumar, N. Kumar R. Vig and M. Sharma	University Institute of Engineering & Technology	Journal of Materials Science: Materials in Electronics,	2017 - 2018	15734838
Relevance of antifungal penetration in biofilm-associated resistance of Candida albicans and non-albicans Candida species	Dr. (Mrs.) Rachna Singh	Department of Microbial Biotechnology	Journal of Medical Microbiology	2017 - 2018	0022-2615
Role of biofilm morphology, matrix content and surface hydrophobicity in the biofilm-forming capacity of various Candida species	Dr. (Mrs.) Rachna Singh	Department of Microbial Biotechnology	Journal of Medical Microbiology	2017 - 2018	0022-2615
Bile acid oligomers and their combination with antibiotics to combat bacterial infections	Singla, Poonam; Dalal, Priyanka; Kaur, Mahaldeep; Arya, Geeta; Nimesh, Surendra; Salunke D.B.	Department of Chemistry	Journal of Medicinal chemistry	2017 - 2018	10265–10275
Discovery of a Membrane-Active, Ring-Modified Histidine Containing Ultrashort Amphiphilic Peptide That Exhibits Potent Inhibition of Cryptococcus neoformans	Dr. Indresh Kumar Maurya (DST-INSPIRE Faculty)	Department of Microbial Biotechnology	Journal of Medicinal Chemistry	2017 - 2018	0022-2623
Phytochemical and anatomical screening of Eclipta prostrata L. An important medicinal herb from Chandigarh	Prof. Richa Puri	Department of Botany	Journal of Medicinal Plant Studies	2017 - 2018	2320-3862
Potential of 2, 2'-dipyridyl diselane as an adjunct to antibiotics to manage cadmium-induced antibiotic resistance in Salmonella enterica serovar Typhi Ty2 strain. Journal of Microbiology, DOI 10.1007/s12275-017-7040-0	Rishi P, Thakur R, Kaur U, Singh H and Bhasin K.K	Department of Microbiology	Journal of Microbiology	2017 - 2018	2008--3645
Exposure to 2100 MHz electromagnetic field radiations induces reactive oxygen species generation in Allium cepa roots	S Chandel, S Kaur, D R Batish, S Kaur H P Singh, Kohli, R.K.	Department of Environment Studies	Journal of Microscopy and Ultrastructure	2017 - 2018	2213-8803

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Dietary intake, prevalence and effect of anemia on various morpho-physiological variables of postmenopausal women of North India.	Kaur,Maninder	Department of Anthropology	Journal of Mid-life Health.9:72-78.	2017 - 2018	0976-7800 (Print) / 0976-7819 (Online)
Bayesian and Semi-Bayesian Estimation of the Parameters of Generalized Inverse Weibull Distribution	Kamaljit Kaur, Kalpana K. Mahajan and Sangeeta Arora	Department of Statistics	Journal of Modern Applied Statistical Methods	2017 - 2018	1538-9472
Enzyme Technology for Lignocellulosic Biomass Conversion and Recycling to Valuable Paper and Other Products: Challenges Ahead. Journal of Molecular Biology and Techniques. 2: 105	Singh G, Arya SK, Gupta V, Sharma P (2017)	Department of Microbiology	Journal of Molecular Biology and Techniques	2017 - 2018	1089-8638
Dispersion corrected density functional study of CO oxidation on pristine/functionalized/doped graphene surfaces in aqueous phase	M. Riyaz, S. Yadav, N. Goel	Department of Chemistry	Journal of Molecular Graphics and Modelling	2017 - 2018	1093-3263
Electrochemical sensor based on ZrO2 NPs/Au electrode sensing layer for monitoring hydrazine and catechol in real water samples	Pratibha Bansal, Gaurav Bhanjana, Nirmal Prabhakar, Jaspreet S. Dhau, Ganga Ram Chaudhary	Department of Chemistry	Journal of Molecular Liquids	2017 - 2018	0167-7322
Electrochemical sensor based on ZrO2 NPs/Au electrode sensing layer for monitoring hydrazine and catechol in real water samples.	Dr. Nirmal Prabhakar	Department of Biochemistry	Journal of Molecular Liquids	2017 - 2018	0167-7322
Fabrication of benzylisothiocynate encapsulated nanoemulsion through ultrasonication: Augmentation of anticancer and antimicrobial attributes (Rajkumar, Khushwinder Kaur, Satish Pandey, Rajendra Kumar, Shivani Uppal, S.K. Mehta)	(Rajkumar, Khushwinder Kaur, Satish Pandey, Rajendra Kumar, Shivani Uppal, S.K. Mehta)	Department of Chemistry	Journal of Molecular Liquids	2017 - 2018	0167-7322
Fabrication of self-assembled imidazo [1, 2-a] pyridine based materials: Understanding the impact of solvent and chemical modulation	Nishima	University Institute of Engineering & Technology	Journal of Molecular Liquids	2017 - 2018	ISSN: 01677322
Synthesis, characterization, mechanistic studies and antimicrobial efficacy of biomolecule capped and pH modulated silver nanoparticles	Nishima	University Institute of Engineering & Technology	Journal of Molecular Liquids	2017 - 2018	ISSN: 01677322
The effect of the presence of Sodium bis-(2-ethylhexyl) sulfosuccinate (AOT) on the interactions between Sodium dodecyl sulfate (SDS) and protein papain	S. K. Mehta, Bhawna, Rekha, S.K.Kansal and A.O. Ibhadon	Department of Chemistry	Journal of Molecular Liquids	2017 - 2018	0022-2860

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Fluorescent chemosensor based on urea/thiourea moiety for sensing of Hg(II) ions in an aqueous medium with high sensitivity and selectivity: A comparative account on effect of molecular architecture on chemosensing	Mishra, J., Kaur, H., Ganguli, A.K., Kaur, N.	Department of Chemistry	Journal of Molecular Structure	2017 - 2018	0022-2860
Investigation of synthesized new vanadium(III) complexes of ditolyldithiophosphate ligands by spectroscopic, cyclic voltammetric, DFT, antimicrobial and cytotoxic studies	S. Kumar, A. Syed, S. Andotra, R. Kaur, Vikas and S. K. Pandey	Department of Chemistry	Journal of Molecular Structure	2017 - 2018	0022-2860
Structure and vibrational spectroscopic study of alpha-tocopherol. Journal of Molecular Structure 1144: 347-354 (2017)	G. Singh, R. Sachdeva, B. Rai, G.S.S. Saini	Department of Physics	Journal of Molecular Structure	2017 - 2018	0022-2860
Conformational Flexibility and Packing Plausibility of Repaglinide Polymorphs.	Dimpy Rani, Parnika Goyal and Renu Chadha	University Institute of Pharmaceutical Sciences	Journal of Molecular Structure,	2017 - 2018	0022-2860
One Pot Synthesis of ZnO@Organic Receptor Core@Shell Quantum Dots for Their Application in UV Light Emitting Devices	Charu Madhu, Navneet Kaur, and Inderpreet Kaur	University Institute of Engineering & Technology	Journal of Nanoelectronics and Optoelectronics	2017 - 2018	1555-130X
Thermo-Mechanical Stress Induced Electromigration in Cu and CNT Based TSVs Surrounding Various Dielectric Layers	Sulochana, V., Sunil Agrawal, and Balwinder Singh	University Institute of Engineering & Technology	Journal of Nanoelectronics and Optoelectronics	2017 - 2018	1555-130X
Forced Convective heat transfer studies on glycol based Al ₂ O ₃ nanofluids flowing through straight tubes and helical coils in Journal of Nanofluids, 7: 37-51 (2018).	Parminder Singh, Ritu Gupta, Ravinder Kumar Wanchoo	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Nanofluids	2017 - 2018	2169-432X
Rapid Green Synthesis of Silver Nanoparticles (AgNPs) Using (Prunus persica) Plants extract: Exploring its Antimicrobial and Catalytic Activities	Kumar R, Ghoshal G*, Jain A and Goyal M,	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Nanomedicine & Nanotechnology	2017 - 2018	2157-7439 8 (4), 852-859
Rapid Green Synthesis of Silver Nanoparticles (AgNPs) Using (Prunus persica) Plants extract:Exploring its Antimicrobial and Catalytic Activities	Meenakshi Goyal & Gargi Ghoshal,,Raj kumar,A.jain	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Nanomedicine & Nanotechnology	2017 - 2018	2157-7439
Surfactant Coated Silica Nanoparticles as Smart Scavengers for Adsorptive Removal of Naphthalene	Savita Chaudhary, Priyanka Sharma, A. Kaur, Rajeev Kumar and S.K. Mehta.	Department of Chemistry	Journal of nanoscience and nanotechnology 2018 (18) 3218-3229	2017 - 2018	ISSN: 1533-4880
D-FACE: An anomaly based distributed approach for early detection of DDoS attacks and flash events	Krishan Kumar	University Institute of Engineering & Technology	Journal of Network and Computer Applications	2017 - 2018	10958592,

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User behavior analytics-based classification of application layer HTTP-GET flood attacks	Krishan Kumar	University Institute of Engineering & Technology	Journal of Network and Computer Applications	2017 - 2018	10958592
Enhancement of third-order nonlinear optical properties of HMTA stabilized pure and doped ZnS nanoparticles and their electronic structures	K Vijai Anand, G Vinitha, Sanjeev Gautam, KH Chae, R Mohan, K Asokan, TR Ravindran, R Jayavel	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of non linear optical physics and Materials	2017 - 2018	0218-8635
Non-destructive evaluation and development of a new wire rope tester using parallely magnetized NdFeB magnet segments	Kaur A, A. Gupta, G. Sapra et al.	University Institute of Engineering & Technology	Journal of Nondestructive Evaluation	2017 - 2018	0195-9298
The Effect of Music Therapy on Sleep Quality of Cancer Patients Undergoing Chemotherapy or Efficacy	Seema Vinayak and F Dekhoda and R Vinayak	Department of Psychology	Journal of of Social Sciences	2017 - 2018	
Synthesis, characterization and antibacterial studies of schiff based 1,2,3-triazole bridged silatranes	Gurjaspreet Singh	Department of Chemistry	Journal of Organometallic Chemistry	2017 - 2018	0022-328X
Synthesis, characterization and antibacterial studies of schiff based 1,2,3-triazole bridged silatranes.	Singh J , Kumar M, Gupta K, Chhibber S c.	Department of Microbiology	Journal of Organometallic Chemistry	2017 - 2018	0022-328X
Applications of advanced electronic materials: Inse system (In10Se90)100-xPbxwith x=0,2,5,10 for pcram applications	Sharma, M.D., Goyal, N.	Department of Physics	Journal of Ovonic Research Vol	2017 - 2018	1584-9953
Novel and effectual delivery of an antifungal agent for the treatment of persistent vulvovaginal candidiasis	Amita Sarwal, Gurpreet Singh, Shilpa Singh, Kirti Singh, V. R. Sinha	University Institute of Pharmaceutical Sciences	Journal of Pharmaceutical Investigation	2017 - 2018	20935552, 20936214
RP-HPLC method development using analytical QbD approach for estimation of cyanidin-3-O-glucoside in natural biopolymer based microcapsules and tablet dosage form	D Thakur, A Jain, G Ghoshal, US Shivhare, OP Katare	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Pharmaceutical Investigation	2017 - 2018	2093-6214
TPC, TFC & Antioxidant activities of Crepidium acuminatum (D. Don) Szlach	Mamta Arora, Gurjinder Kaur, Satnam Singh, Anupama Mahajan and Jaspreet K Sembi	Department of Botany	Journal of Pharmacognosy and Phytochemistry 2017; 6(4): 811-817	2017 - 2018	E-ISSN: 2278-4136 P-ISSN: 2349-8234
In vivo antianxiety and antidepressant activity of Hibiscus sabdariffa calyx extracts.	Panesar P, Kumar A and Sharma A.	University Institute of Pharmaceutical Sciences	Journal of Pharmacy Research	2017 - 2018	0974-6943
Phenanthroline based ESIPT sensor for cascade recognition of Cu ²⁺ and CN ⁻ ions	Navneet Kaur*, Gaganpreet Kaur, Priya Alreja	Department of Chemistry	Journal of Photochemistry and Photobiology A: Chemistry	2017 - 2018	1010-6030
Esterification of acetic acid to methyl acetate using activated TiO ₂ under UV light irradiation at ambient temperature	PriyankaVerma, KamalpreetKaur , Ravinder Kumar Wanchoo, Amrit Pal Toor	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Photochemistry and Photobiology A: Chemistry	2017 - 2018	1010-6030

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Facile synthesis of CdS/TiO ₂ nanocomposite and their catalytic activity for ofloxacin degradation under visible illumination	A. Kaur,A. Umar,W.A. Anderson,S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of Photochemistry and Photobiology A: Chemistry	2017 - 2018	1010-6030
Supramolecular hybrid of ZnO nanoparticles with benzimidazole based organic ligand for the recognition of Zn(II) ions in semi-aqueous media, Journal of Photochemistry and Photobiology A: Chemistry	Kaur, N., Raj, P., Kaur, N., Kim, D.Y., Singh, N	Department of Chemistry	Journal of Photochemistry and Photobiology A: Chemistry	2017 - 2018	1010-6030
Supramolecular hybrid of ZnO nanoparticles with benzimidazole based organic ligand for the recognition of Zn ²⁺ ions in semi-aqueous media	Kaur, N., Raj, P., Kaur, N., Kim, D.Y., Singh, N.	Department of Chemistry	Journal of Photochemistry and Photobiology A: Chemistry	2017 - 2018	1010-6030
Investigation of antimagnetic rotation in 101Pd	V Singh, S Sihotra, S Roy, M Kaur, S Saha, J Sethi, R Palit N Singh, S S Malik, H C Jain	Department of Physics	Journal of Physics G: Nuclear and Particle Physics	2017 - 2018	44 075105
Understanding the role of quercetin during neurotoxicity induced by Chlorpyrifos	Soheil F. and Dhawan D.K	Department of Biophysics	Journal of Phytopharmacology	2017 - 2018	ISSN: 2320–480X
Characterization and expression analysis of chalcone synthase and chalcone isomerase genes in <i>Phyllanthus emblica</i> (L.)	K Singh, A Kumar, M Kajal, B Singh	Department of Biotechnology	Journal of Plant Biochemistry and Biotechnology	2017 - 2018	0974-1275
Characterization of cold responsive uncoupling protein1 (UCP1) gene from <i>Brassica juncea</i> L.	Lakhanpal N, Verma D, Kaur R, Singh K	Department of Biotechnology	journal of Plant Biochemistry and Biotechnology	2017 - 2018	0974-1275
Recent Perspectives on Cross Talk Between Cadmium, Zinc, and Arbuscular Mycorrhizal Fungi in Plants	Kaur, H. and Garg, N.	Department of Botany	Journal of Plant Growth Regulation, 37(2), 680-693	2017 - 2018	1435-8107
Gene architecture and expression analyses provide insights into the role of glutathione peroxidases (GPXs) in bread wheat (<i>Triticumaestivum</i> L.)	Tyagi, Shivi, Himani, Sembi, Jaspreet K., & Upadhyay, S. K.	Department of Botany	Journal of plant physiology	2017 - 2018	na
Exploring Social Exclusion and Dalit Assertion in Contemporary Punjab	Prof. Ronki Ram	Department of Political Science	Journal of Politics , Dibrugarh	2017 - 2018	ISSN 2277-5617, Vol. XVII, August 2017, pp. 23-60.
Family Offices- The Indian Perspective	Dr. Arunachal Khosla	University Institute of Applied Management Sciences	Journal of Private Equity	2017 - 2018	ISSN 1092-5572
Traits of Successful Entrepreneurs	Dr.Arunachal Khosla	University Institute of Applied Management Sciences	Journal of Private Equity	2017 - 2018	ISSN 1092-5572

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A Study of Perception of Organizational Justice in Relation to Organizational Commitment and Occupational Stress in Female School Teachers	Meena Sehgal and Jyoti Verma	Department of Psychology	Journal of Psychological Research	2017 - 2018	0976-3937
Dynamising performance during cognitive interference : the role of anxiety, mindfulness and self efficacy	H.K. Chhabra and Parveen H.	Department of Psychology	Journal of Psychology Research	2017 - 2018	0973-5410
A Comparative Study of Women Technical and Women Police Personnel on Type A Behaviour, Stress and Anger Expression Styles	Meena Sehgal and N. Verma	Department of Psychology	Journal of Psychosocial Research	2017 - 2018	0973-5410
An ensemble of the idempotent lifting hypothesis,	Dinesh Khurana	Department of Mathematics	Journal of Pure and Applied Algebra	2017 - 2018	0022-4049
Contribution of flyash from coal-fired thermal power plants to uranium contamination of ground water	Gurjeet Singh, Gurjot Singh, Nisha Rani, Atul Bhalla, Arun Upmanyu, Sunil Kumar, Devinder Mehta	Department of Physics	Journal of Radioanalytical and Nuclear Chemistry	2017 - 2018	1588-2780
Measurement of naturally occurring radioactive material, 238U and 232Th: part 2—optimization of counting time	Nabinita Naskar, S.Lahiri, P.Basu and Alok Srivastava	Department of Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2017 - 2018	0236-5731
Measurement of naturally occurring radioactive materials, 238U and 232Th-part 3: is efficiency calibration necessary for quantitative measurement of ultra-low level NORM?	) Nabanita Naskar, S.Lahiri, P.Basu and Alok Srivastava	Department of Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2017 - 2018	0236-5731
Quantification of Fluorine in Soil and Food samples from fluoride affected region by insitu current normalized particle induced gamma ray emission method	Pooja Dogra, R.Acharya, N.S.Rajurkar, Vikas Chahar, Vishal Tuli, Alok Srivastava and P.K.Pujari	Department of Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2017 - 2018	0236-5731
Study of Uranium Toxicity using Low Background Gamma Ray Spectrometry	Srivastava A, Chahar V, Sharma V, Sun Y, Bol R , Hoyler F, Knolle F, Schnug E, Naskar N ET AL	Department of Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2017 - 2018	0236-5731
Study of uranium toxicity using lowbackgroundgamma-ray spectrometry	A. Srivastava, V. Chahar, V. Sharma,Y. Sun, R. Bol, F. Knolle, E. Schnug,F. Hoyler, N. Naskar, S	Department of Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2017 - 2018	0236-5731
International migration, remittances and development in rural Punjab	Singh, K. (Singh, N.)	University Business School	Journal of Regional Development and Planning	2017 - 2018	2502-6429

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Comparative study of Asian economies: Lessons for India	Bhardwaj M., Naosekham A. S. and Tewari R.	Centre for Policy Research	Journal of Science and Technology Policy Management	2017 - 2018	ISSN: 2053-4620
Socio-economic, Health and Working Conditions of Child of Beedi Rollers in Beedi Industry	Prof. Sherry Sabbarwal, Dr. Monica Munjal Singh, Mr. Mohammad Amiri	Centre for Social Work	Journal of Social Science Studies, vol 5, No. 1, 2018 pg 239-247	2017 - 2018	NA
Understanding Marx's Capital, Review Essay on Micheal Henrich's, Introduction to the Three Volumes of Marx's Capital, Critique: Journal of Socialist Theory,45(3): (2018).	Singh, Paramjit	Department of Economics	Journal of Socialist Theory,45(3).	2017 - 2018	ISSN: 0301-7605 (Print) 1748-8605 (Onlin
Application of sol–gel technique for preparation of nanosilica from coal powered thermal power plant fly ash	Chhavi K Manchanda, Ravindra Khaiwal, Suman Mor	Department of Environment Studies	Journal of Sol-Gel Science and Technology	2017 - 2018	0928-0707
Effect of gradual ordering of Ge/Sb atoms on chemical bonding A proposed mechanism for the formation of Crystalline Ge2Sb2Te5	Dr. Aman Kaura	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of Solid State Chemistry	2017 - 2018	0022-4596
Effect of gradual ordering of Ge/Sb atoms on chemical bonding: A proposed mechanism for the formation of crystalline Ge2Sb2Te5260	Janpreet Singh, Gurinder Singh, Aman Kaura, S. K. Tripathi	Department of Physics	Journal of Solid State Chemistry	2017 - 2018	0022-4596
Electronic and magnetic properties of Zn1-xFexSe alloys 256	Swati Khatta, S.K. Tripathi, Satya Prakash	Department of Physics	journal of Solid State Chemistry	2017 - 2018	0022-4596
Simultaneous confidence intervals for comparing several exponential location parameters with control in direction-mixed families	R. S. Chauhan, P. Singh and Narinder Kumar	Department of Statistics	Journal of Statistics and Management Systems	2017 - 2018	0972-0510
Chabahar Port: A New Agenda in Indo-Iranian Relations	Priya	Department of Defence and National Security Studies	Journal of Strategic Studies	2017 - 2018	9739386
Surface Plasmon band tailoring of plasmonic nanostructure under the effect of water radiolysis by synchrotron radiation (2017) Journal of Synchrotron Radiation, 24 (6), pp. 1209-1217	Bharti, A. Agrawal, A.K., Singh, B., Gautam, S., Goyal, N.	Department of Physics	Journal of Synchrotron Radiation	2017 - 2018	1600-5775
Surface plasmon band tailoring of plasmonic nanostructure under the effect of water radiolysis by synchrotron radiation, Journal of synchrotron Radiation	Amardeep Bharti, Ashish K Agrawal, Balwant Singh, Sanjeev Gautam, Navdeep Goyal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Journal of synchrotron Radiation	2017 - 2018	1600-5775
Genetic Algorithm on Combined Speaker and Speech Recognition Using Deep Neural Network	Kaur G., Srivastava M., Kumar A	University Institute of Engineering & Technology	Journal of Telecommunications and Information Technology	2017 - 2018	15094553,

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Clinical and Microbiological Investigation of the Effects of Probiotics Combined with Scaling and Root Planing in the Management of Chronic Periodontitis: A Randomized, Controlled Study	Vishakha Grover	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Journal of the International Academy of Periodontology	2017 - 2018	ISSN 2518-3745
Influence of Reinforcement Parameters and Ageing Time on Mechanical Behavior of Novel Al2O3/SiC/Red Mud Composites Using Response Surface Methodology	Dr.Jaswinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of the Minerals Metals Materials Society	2017 - 2018	1543-1851
Convective Heat Transfer Enhancement Using Ferrofluid: A Review. doi: 10.1115/1.4037200	Jaswinder Singh Mehta, Rajesh Kumar, Harmesh Kumar, Harry Garg	University Institute of Engineering & Technology	Journal of Thermal Science and Engineering Applications. Received December 23, 2016;	2017 - 2018	19485093
Angiosperm diversity in Doaba region of Punjab, India	Kaur, K., Sidhu, M. C. and Ahluwalia, A. S.	Department of Botany	Journal of Threatened Taxa	2017 - 2018	0974-7893
Analyzing Transgender of India Is Being Born With Genitalia Deformity their Fault Identifying & amp; Reconstructing A Vocabulary and a Vision to Appreciate His Creation	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	Journal of UIIS, PU Chandigarh	2017 - 2018	2229-3906
Judicial Misconduct: Regulation by Intra or Inter branch	Prof. Arti Puri	P.U. Regional Centre, Ludhiana	Journal of University Institute of Legal Studies	2017 - 2018	2229-3906
Legalisation of Euthanasia in India	Dr.Kamya Rani	P.U. S.S. Giri Regional Centre, Hoshiarpur	JOURNAL OF UNIVERSITY INSTITUTE OF LEGAL STUDIES	2017 - 2018	2229-3906
Sexual harassment of women at work place	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Journal of University Institute of Legal Studies	2017 - 2018	ISSN 2229-3906
Uniform Civil Code: Quest for Justice	Jai Mala	University Institute of Legal Studies	Journal of University Institute of legal Studies	2017 - 2018	
Online Dispute Resolution: New form of cyber justice system	Dr Amita Verma	University Institute of Legal Studies	Journal of University Institute of Legal Studies Vol. XI 2017	2017 - 2018	ISSN 2229-3906
The Art of Teaching Speaking Skills to Budding Lawyers through Poetry	Chanchal Narang	University Institute of Legal Studies	Journal of University Institute of Legal Studies Vol. XI 2017	2017 - 2018	ISSN 2229-3906
Environmental Crime Vis a vis Green Criminology A Study of Unsafe Water of Punjab	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Journal of University Institute of Legal Studies vol.II	2017 - 2018	2229-3906
Role of NGOs and environmental activism in modern world	Anupam Bahri	University Institute of Legal Studies	Journal of university Institute of Legal studies vol-XI,	2017 - 2018	ISSN 2229-3906
Gender Equality in Indian Secularism	Rattan Singh	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Panjab University, Chandigarh, Vol.XI (2017)	2017 - 2018	ISSN 2229-3906

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Women and Epidemics: A Historical Perspective of Colonial Punjab,	Sasha	University Institute of Legal Studies	Journal of University Institute of Legal Studies, Volume XI,	2017 - 2018	ISSN- 2229-3906
Global GDP Drivers of U.S. Venture Capital Index	Dr. Manu Sharma, Puneet Gupta, Rouhi Gopal	University Institute of Applied Management Sciences	Journal of Wealth Management	2017 - 2018	1534-7524
Automatic segmentation of tumors in B-Mode breast ultrasound images using information gain based neutrosophic clustering	Madan Lal, Lakhwinder Kaur, Savita Gupta	University Institute of Engineering & Technology	Journal of X-Ray Science and Technology xx (20xx) x–xx	2017 - 2018	08953996,
Effect of Manufacturing Processes on Creep Modulus, Strain Rate and Residual Stress of Polymers	S. Arora, G. Saini, L. Singhal, P. Uniyal, N. Kumar, and P. Jindal	University Institute of Engineering & Technology	Journal on Material Science	2017 - 2018	2347-2235
Carbonate microfacies from a Paleocene-Eocene succession of an attached platform- A case study from the Sub Himalaya	Bhatia, S.B., Bhargava, O.N., Bagi, H., Singh, B.P.	Department of Geology	Journal Paleontological Society of India	2017 - 2018	0552-9360
Treptichnus ichnogenus from the Cambrian of India and Bhutan: Its relevance to the Precambrian-Cambrian boundary	Singh, B.P., O.N. Bhargava, C. A. Sharma, Ravi S. Chaubey, S.K. Prasad, R.S. Negi and Naval Kishore	Department of Geology	Journal Paleontological Society of India	2017 - 2018	0552-9360
Sivatherium Giganteum (Giraffidae, Mammalia) from the Tatrot Formation of Upper Siwaliks.	Kumar, Suresh; Amandeep & Gaur, Rajan	Department of Anthropology	Journal Punjab Academy of Sciences.	2017 - 2018	: 2229-7014
Determination of a long-term trend in the balance of payments of India	Singh, T. Chadha, S.K. (Jayanti)	University Business School	Journal: Emperor International Journal of Finance and Management Research	2017 - 2018	2395-5929
Exploring the impact of transportation and holiday on environment: A case study of Panjab University post graduate students	Gulati, N	University Business School	Journal: International Journal of Entrepreneurship and Business Environment Perspectives	2017 - 2018	2279-0918
Sukhwinder Amrit: Istiri Savandana Da Badauk Parvachan, Kav Shatar	Kumar, Parveen	University School of Open Learning	Kaav Shastar	2017 - 2018	2395-6305
Uttar-Adhunikta di Nav-Marxvadi Parhat	Yog Raj	School of Punjabi Studies	Kaav Shaster	2017 - 2018	2395-6305
Antral : Navi Kav-Srijnatmak Hazri	Yog Raj	School of Punjabi Studies	Kaav-Shaster	2017 - 2018	2395-6305
Use of Electronic resources by the Social Science Research Scholars of Panjab University, Chandigarh: A case study	Nav Jyoti	A C Joshi Library	Kelpro Bulletin	2017 - 2018	0975- 4911
Scientometric Assessment of Global RFID Literature During 2005- 2014	Neeraj Kumar Singh, Ritu Gupta, B M Gupta	A C Joshi Library	KIIT Journal of Library and Information Management Vol.4 No.2, p. 09 - 17	2017 - 2018	2455-8060

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Research paper in Kurukehetra Law Journal Vol. VII	Prof. Harmeet Singh Sandhu	P.U. Regional Centre, Ludhiana	Kurukehetra Law	2017 - 2018	--
Child Trafficking in Pretext of Inter-Country Adoption: An overview, pp.238-248	Jai Mala	University Institute of Legal Studies	Kurukeshtra law Journal	2017 - 2018	
War on Drugs: Under Mining Human Rights	Prof.Harmeet Singh Sandhu	P.U. Regional Centre, Ludhiana	Kurukshetra Law journal	2017 - 2018	2231-5519
Ikivin Sadi di Punjabi Kavita:Pachhan Chin	Yog Raj	School of Punjabi Studies	Lakeer	2017 - 2018	
Naphthalimide-Based DNA-Coupled Hybrid Assembly for Sensing Dipicolinic Acid: A Biomarker for Bacillus anthracis Spores	Verma, M., Kaur, N., Singh, N.	Department of Chemistry	Langmuir, 2018, 34, 6591	2017 - 2018	0743-7463
From Stylistic Analysis to Interpretation: A Pedagogical Illustration from Daruwalla's	Sharda, Praveen	University School of Open Learning	Language and Language Teaching	2017 - 2018	ISSN 2277-307X
Community Service as Punishment	Manisha Garg	Department of Laws	Law Herald	2017 - 2018	2456250-5
The Richly Deserved Position from sctentific Columbus to father of criminology: Cesare Lombroso Augmentation	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Law Review	2017 - 2018	2231-4938
Distressed Windows and Single Women (Protection , Rehabilitation and Welfare) Bill 2017	Dr Sunaina	P.U. S.S. Giri Regional Centre, Hoshiarpur	Law Review Refreed Journal	2017 - 2018	0971-5541 Vol. 56 Part-2 2017
Selection of a Hall Sensor for Usage in a Wire Rope Tester	Kaur A., A. Gupta, H. Aggarwal, M.Sharma, S. Sharma, N. Aggarwal, G. Sapra and J. K. Goswamy.	University Institute of Engineering & Technology	Lecture Notes in Electrical Engineering	2017 - 2018	18761119
Synthesis and antiproliferative activity of 3-Aza steroids as 5α-reductase inhibitors	Milanpreet Kaur, Richa Dhingra , Tilak raj Bhardwaj and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Letters in drug Design Volume	2017 - 2018	ISSN 1570-1808
Application of Radio Frequency Identification Technology in libraries and information centres: An Indian perspective.	Prof. Preeti Mahajan	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2017 - 2018	1522-0222
Citation Analysis of Doctoral Theses in the field of Sociology submitted to Panjab University, Chandigarh (India) during 2002-2012	Prof. Preeti Mahajan	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2017 - 2018	1522-0222
Citation analysis of doctoral theses references as a tool for collection management in history: a study of panjab university, chandigarh (india).	Prof. Preeti Mahajan	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2017 - 2018	1522-0222
Information seeking behaviour of journalists in north India.	Prof. Preeti Mahajan	Department of Library & Information Science	Library Philosophy and Practice (e-journal)	2017 - 2018	1522-0222

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Application of Radio Frequency Identification Technology in libraries and information centres: An Indian perspective	Neeraj Kumar Singh, Preeti Mahajan	A C Joshi Library	Library Philosophy and Practice Vol. Nov.2017	2017 - 2018	1522-0222
Awareness towards plagiarism among post graduate students: A case study of DAV College, Sector-10, Chandigarh	Dr. Rupak Chakravarty and Deepti Madaan	Department of Library & Information Science	Library Progress (International)	2017 - 2018	0970-1052
Technological trends and library services in the digital era at A.C. Joshi library, Panjab University, Chandigarh	Seema Sood	A C Joshi Library	Library Progress (International)	2017 - 2018	2320 317X
Payload hardware and experimental protocol development to enable future testing of the effect of space microgravity on the resistance to gentamicin of uropathogenic Escherichia coli and its σ s-deficient mutant	Dr. (Mrs.) Rachna Singh	Department of Microbial Biotechnology	Life Sciences in Space Research	2017 - 2018	2214-5524
ULTRA RIGHT CUTURE : A THREAT TO NATIONALITY AND HUMANITY	RAJESH KUMAR MISHRA	P.U. Regional Centre, Muktsar	Literary Quest	2017 - 2018	2349-5650
Effect of Computer supported Cooperative and Competitive Learning Strategies on achievement in Science in relation to Goal Orientation	Dr. Ram Mehar	University School of Open Learning	International Journal of Multidisciplinary	2017 - 2018	ISSN 2455-3085
Construction and standardization of internet self- efficacy scale	Mehar, R. & Kaur, A	University School of Open Learning	International Journal of Social Science & Economic Researchf	2017 - 2018	2455-8834
Phonics Awareness for Children with Learning Disability Using Low - Cost Teaching - Learning Material	Nitin Raj	Department of Community Education & Disability Studies	Lokavishkar International E - Journal	2017 - 2018	2277-727X
An effective new hybrid optimization algorithm for solving flow shop scheduling problems	Manisha Sharma	Department of Mathematics	Malaya Journal of Matematik	2017 - 2018	2321-5666
Sustainable Drinking Water Services in India: A Study of Public Water Supply System in Chandigarh	Namita Gupta	Centre for Human Rights & Duties	Man & Development	2017 - 2018	ISSN 0258-0438
Research Paper In Man and Development. Growth of Service Sector and Divergence in inequality : An Inter State Analysis	Dr. Pooja Sikka	P.U. Regional Centre, Ludhiana	Man And Development	2017 - 2018	0258-0438
Chemical Sensing Applications of ZnO Nanomaterials	Savita Chaudhary, A. Umar , K. K. Bhasin and S. Baskoutas	Department of Chemistry	Materials 2018, 11, 287	2017 - 2018	1996-1944
Amino Acid functionalized zinc oxide nanostructures for cytotoxicity effect and haemolytic behaviour: Theoretical and experimental studies Materials and Design	Satvinder Singh, Baljinder Singh, Prateek Sharma, Anu Mittal, Sanjeev Kumar, G.S.S. Saini, S.K. Trip	Department of Physics	Materials and Design	2017 - 2018	0264-1275

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Amino acid functionalized zinc oxide nanostructures for cytotoxicity effect and hemolytic behavior: Theoretical and experimental studies	Dr. Gurinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	Materials and Design	2017 - 2018	0264-1275
Structural, optical and photocatalytic properties of different metal ions (Cr ³⁺ , Co ²⁺ , Ni ²⁺ , Cu ²⁺ and Zn ²⁺) substituted quaternary perovskites	Manisha Dhiman, Mukesh Tripathi and Sonal Singhal	Department of Chemistry	Materials Chemistry and Physics	2017 - 2018	0254-0584
Visible-light driven photocatalytic degradation of brilliant green dye based on cobalt tungstate (CoWO ₄) nanoparticles	P. Taneja, S. Sharma, A. Umar,S.K. Mehta,A.O. Ibhadon,S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Chemistry and Physics	2017 - 2018	2540584
Visible-light driven photocatalytic degradation of brilliant green dye based on cobalt tungstate (CoWO ₄) nanoparticles,	(P.Taneja,S. Sharma,A.Umar, S.K.Mehta, A. O. Ibhadon,S.K. Kansal)	Department of Chemistry	Materials Chemistry and Physics	2017 - 2018	0254-0584
Sensing of Organic Vapours by Sulfonated Copper Phthalocyanine Salt Thin Films Materials Focus	Ridhi, G.S.S. Saini, S.K. Tripathi	Department of Physics	Materials Focus	2017 - 2018	2169-4303
Facile Synthesis of Mesoporous Carbon Material from treated Kitchen waste for Energy Applications.	Prabhsharan Kaur, Subhashini Singh, Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials for Renewable and Sustainable Energy	2017 - 2018	2194-1459
Band gap engineering and photoluminescence studies of imine linked ZnO nanoparticles synthesized by direct precipitation route	Madhu, C., Kaur, N., Kaur, I.	Department of Chemistry	Materials Letters, 2018, 218, 349	2017 - 2018	0167-577X
Room temperature synthesis of urea based imidazole functionalised ZnO nanorods and their photocatalytic application	Mishra, J., Jha, M., Kaur, N., Ganguli, A.K.	Department of Chemistry	Materials Research Bulletin	2017 - 2018	0025-5408
Solar light driven photocatalytic degradation of Ofloxacin based on ultra-thin bismuth molybdenum oxide nanosheets	Girish Gupta, Ahmad Umar, Amandeep Kaur, Swati Sood, Amit Dhir, S.K. Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Research Bulletin	2017 - 2018	0025-5408
Chemically synthesized TiO ₂ and PANI/TiO ₂ thin films for ethanol sensing applications	Isha Gawri, R Ridhi, K P Singh, S K Tripathi	Department of Physics	Materials Research Express	2017 - 2018	2053-1591
Effects of CTAB on the structural and dielectric properties of nanostructured polypyrrole-ZrO ₂ composites	Gaganpreet Kaur Sidhu, Rajesh Kumar	Department of Physics	Materials Research Express	2017 - 2018	2053-1591
Clathrin-mediated endocytic uptake of PUFA enriched self-nanoemulsifying lipidic systems (SNELS) of an anticancer drug against triple negative cancer and DMBA induced preclinical tumor model.?	Khurana, R.K., Kumar, R., Gaspar, B.L., Welsby, G., Welsby, P., Kesharwani, P., Katare, O.P., Singh, K.K. & Singh, B.	University Institute of Pharmaceutical Sciences	Materials Science and Engineering:	2017 - 2018	978-1-119-40549-8

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Preliminary investigation of the effect of doping of copper oxide in CaO-SiO ₂ -P ₂ O ₅ -MgO bioactive composition for bone repair applications	Dr. Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	Materials Science and Engineering: C	2017 - 2018	0928-4931
N-desmethyl tamoxifen and quercetin-loaded multiwalled CNTs: A synergistic approach to overcome MDR in cancer cells.	Kumar, M., Sharma, G., Misra, C., Kumar, R., Singh, B., Katore, O.P. & Raza, K.	University Institute of Pharmaceutical Sciences	Materials Science and Engineering: C.	2017 - 2018	0928-4931
Preparation, characterization and trifluralin degradation of laccase-modified cellulose nanofibers	Monica Bansal, Dharamender Kumar, Ghanshyam S. Chauhan, Anupama Kaushik	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Science for Energy Technologies	2017 - 2018	25892991
Effect of nanocrystals concentration on optical and luminescent properties of PVK:ZnSe nanocomposites.	Kanupriya Sharma, Praveen Kumar, Gaurav Verma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Materials Science-Poland	2017 - 2018	2083-134X
Photochemical tuning of materials: A click chemistry perspective. Materials Today Chemistry 2018, 8, 56-84	Gurpreet Kaur, Gurjaspreet Singh and Jandeep Singh	Department of Chemistry	Materials Today Chemistry	2017 - 2018	2468-5194.
Transmission of waves through a plane interface between two dissimilar thermo-viscoelastic half spaces with voids.	S.K. Tomar	Department of Mathematics	Mathematics Student	2017 - 2018	0025-5742
Chemical shifts of L ₃ X-ray absorption edges on lead and thallium compounds by DEXAFS using synchrotron radiation source. Nucl. Instr. And Meth. B 407 (2017) 197-202	Harpreet Singh Kainth and Ranjit Singh	Department of Physics	May 2018 AIP Conference Proceedings 1953(1):140028	2017 - 2018	15517616
Waves at interface of dissimilar nonlocal micropolar elastic half-spaces	Aarti Khurana	Department of Mathematics	Mechanics of Advanced Materials and Structures	2017 - 2018	1537-6494
Role of DNA Methylation in Human Age Prediction	Neelam Goel	University Institute of Engineering & Technology	Mechanisms of Aging and Development	2017 - 2018	0047-6374
Design, synthesis and pharmacological evaluation of carboxamide and carbothioamide derivatives of 1,3,4-thiadiazole as the inhibitors of acetylcholinesterase and oxidative stress for the management of cognitive debility.	Kulshreshtha, A., & Piplani, P.	University Institute of Pharmaceutical Sciences	Medicinal Chemistry Research	2017 - 2018	1054-2523, 1554-8120
Novel indole-2-carboxylic acid linked 3-phenyl-2-alkoxy propanoic acids: Synthesis, molecular docking and in vivo antidiabetic studies. ,	Amanjot Singh, Raman K. Verma, Anurag Kuhad, Rajiv Mall.	University Institute of Pharmaceutical Sciences	Medicinal Chemistry Research	2017 - 2018	10542523, 15548120

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Indian Ginseng (Withania somnifera) supplementation ameliorates oxidative stress and mitochondrial dysfunctions in experimental model of stroke	Sood A.,Mehrotra A.,Dhawan D.K. and Sandhir R	Department of Biophysics	Metabolic brain disease	2017 - 2018	Electronic ISSN 1573-7365 Print ISSN 0885-7490
Mitochondrial dysfunctions contribute to energy deficits in rodent model of hepatic encephalopathy.	Prof. Rajat Sandhir	Department of Biochemistry	Metabolic Brain Disease	2017 - 2018	0885-7490 (print) 1573-7365 (web)
Thermal evolution of trans-Neptunian objects, icy satellites, and minor icy planets in the early solar system. Meteoritics & Planetary Science, Vol. 52, Issue 12, pp. 2470-2490	Bhatia, Gurpreet Kaur; Sahijpal, Sandeep	Department of Physics	Meteoritics & Planetary Science 52, Nr 12, 2470–2490 (2017)	2017 - 2018	10869379
Antimicrobial activity of Bulbothrix setschwanensis (Zahlbr.) Hale lichen by cell wall disruption of Staphylococcus aureus and Cryptococcus neoformans.	Prof. Rupinder Tewari	Department of Microbial Biotechnology	Microbial Pathogenesis	2017 - 2018	0882-4010
In vivo efficacy of single phage versus phage cocktail in resolving burn wound infection in BALB/c mice.	Chadha P., Katare O.P. and Chhibber S.	Department of Microbiology	Microbial Pathogenesis	2017 - 2018	1096-1208
Soil Forensics: Soil forensics: A spectroscopic examination of trace evidence	VISHAL SHARMA	Institute of Forensic Science & Criminology	Microchemical Journal	2017 - 2018	0026265X
Aptamer based voltammetric biosensor for the detection of Mycobacterium tuberculosis antigen MPT64	Dr. Dipti Sareen	Department of Biochemistry	Microchimica Acta,	2017 - 2018	0026-3672
Active vibration control of a beam instrumented with MWCNT/epoxy nanocomposite sensor and PZT-5H actuator, robust to variations in temperature	Sapra, G., Sharma, M., Vig, R.	University Institute of Engineering & Technology	Microsystem Technologies	2017 - 2018	9467076
Active vibration control of a beam instrumented with MWCNT/epoxy nanocomposite sensor and PZT-5H actuator, robust to variations in temperature.	Sapra G, M. Sharma and R. Vig.	University Institute of Engineering & Technology	Microsystem Technologies	2017 - 2018	9467076
Yajna and Aranyak Sanskriti	Dr. Shivani Sharma	Department of Philosophy	Milestone Education Review	2017 - 2018	2278 – 2168
State, Market and Social Inequalities: A Study of Primary Education in the Indian Punjab	Dr Angrej Singh Gill	P.U. Rural Centre, Kauni, Muktsar	Millennial Asia	2017 - 2018	23217081
Phytotherapeutic Agents for Benign Prostatic Hyperplasia: An Overview	Meenakshi Sharma, Richa, Renu Chadha and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Mini-Reviews in Medicinal Chemistry	2017 - 2018	University Institute of Pharmaceutica I Sciences

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Trivariate Generalized Non-Linear Mixed Model with Transformations for Meta analysis of Diagnostic Accuracy	Savita Jain, Kanchan Jain and Suresh Sharma	Department of Statistics	Model Assisted Statistics and Applications	2017 - 2018	1574-1699
Oxidative Stress Response in Liver, Kidney and Gills of Ctenopharyngodon Idellus (Cuvier & Valenciennes) Exposed To Chlorpyrifos.	M Kaur, R Jindal	Department of Zoology	MOJ Biology and Medicine,	2017 - 2018	2574-9722
In silico Identification of potential 5 α -reductase inhibitors for prostatic diseases: QSAR modelling, molecular docking, and pre ADME prediction	Akanksha, Vikas Mehta, Richa Dhingra and Neelima Dhingra	University Institute of Pharmaceutical Sciences	MoJ Drug Design Development and Therapeutics	2017 - 2018	2575-9094
Selective ER- α agonist alleviates vascular endothelial dysfunction in ovariectomized type 2 diabetic rats., 460:152-161	Bansal S, Chopra K	University Institute of Pharmaceutical Sciences	Mol Cell Endocrinol,	2017 - 2018	0303-7207
Rv0646c, an esterase from M. tuberculosis upregulates the host immune response in THP-1 cell line	Ruchi Rastogi, Arbind Kumar, Varinder Saini, jasbinder Kaur, Jagdeep Kaur, Archana Bhatnagar	Department of Biotechnology	Molecular and Cellular Biochemistry	2017 - 2018	1573-4919
Review: An Overview on the Enhancement of Enantioselectivity and Stability of Microbial Epoxide Hydrolases	Dr. Dipti Sareen	Department of Biochemistry	Molecular biotechnology	2017 - 2018	1073-6085 (print) 1559-0305 (web)
A carbon quantum dot-encapsulated micellar reactor for the synthesis of chromene derivatives in water	Mayank, Singh, A., Kaur, N., Singh, N., Jang, D.O.	Department of Chemistry	Molecular Catalysis	2017 - 2018	2468-8231
Organic-inorganic nano-hybrid decorated by copper (II) incarceration: A versatile catalytic assembly for the swift reduction of aromatic nitro and dye compounds	Gurjaspreet Singh, Sunita Rani, Aanchal Arora, Heena Duggal, D Mehta	Department of Physics	Molecular Catalysis	2017 - 2018	2468-8231
Oncogenic and tumor-suppressive roles of MicroRNAs with special reference to apoptosis:Molecular Mechanisms and Theraputic Potential	Neelam Goel	University Institute of Engineering & Technology	Molecular Diagnosis and Therapy	2017 - 2018	1179-2000
Blood-brain barrier permeability is exacerbated in experimental model of hepatic encephalopathy via MMP-9 activation and downregulation of tight junction proteins.	Prof. Rajat Sandhir	Department of Biochemistry	Molecular Neurobiology	2017 - 2018	0893-7648 (Print) 1559-1182 (Electronic) 0893-7648 (Linking)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Evidence for compromised insulin signaling and neuronal vulnerability in experimental model of sporadic Alzheimer’s disease.	Prof. Rajat Sandhir	Department of Biochemistry	Molecular Neurobiology	2017 - 2018	0893-7648 (print) 1559-1182 (web)
Zinc Improves Cognitive and Neuronal Dysfunction During Aluminium-Induced Neurodegeneration	Singla N. and Dhawan D.K.	Department of Biophysics	Molecular neurobiology	2017 - 2018	ISSN 08937648
Functionalized lipid polymer hybrid nanoparticles mediated co-delivery of methotrexate & aceclofenac: A synergistic effect in breast cancer with improved pharmacokinetics attributes.	Garg, N.K., Tyagi, R.K., Sharma, G., Jain, A., Singh, B., Jain, S. & Katare, O.P.	University Institute of Pharmaceutical Sciences	Molecular Pharmaceutics.	2017 - 2018	10. 9388320042
Pairan Ch Chanan Wala Rahi	Sukhdev Singh	School of Punjabi Studies	Muhandra	2017 - 2018	
Inter-frame forgery detection in H.264 videos using motion and brightness gradients	Kingra, Naveen Aggarwal, R.D. Singh	University Institute of Engineering & Technology	Multimed Tools Appl (2017) 76:25767–25786	2017 - 2018	13807501
The Case Analysis on Sentiment Based Ranking of Nodes in Social Media Space	Mehgna Choudhary, Harish Kumar and Sakshi Kaushal	University Institute of Engineering & Technology	Multimed Tools Appl (2018) 77:4217–4236	2017 - 2018	13807501
An optimized hardware calibration technique for transmission of real-time applications in VoIP network, Multimedia Tools and Applications	Gurjot Kaur, Jasleen Kaur, Shubhani Aggarwal, Chinu Singla, Nitish Mahajan, Sakshi Kaushal, Arun	University Institute of Engineering & Technology	Multimed Tools Appl (2019) 78:5537–5570	2017 - 2018	13807501
Radiomodulatory effects of Aloe vera on hepatic and renal tissues of X-ray irradiated mice	Bala S, Chugh NA, Bansal SC, Garg ML, Koul A	Department of Biophysics	Mutation research	2017 - 2018	ISSN 00275107
DNA methylation signatures: biomarkers of drug and alcohol abuse	Shweta Sharma	Institute of Forensic Science & Criminology	Mutation Research/Reviews in Mutation Research	2017 - 2018	1383-5742
Salicylic acid improves arbuscular mycorrhizal symbiosis, and chickpea growth and yield by modulating carbohydrate metabolism under salt stress	Garg, N. and Bharti, A.	Department of Botany	Mycorrhiza, 28(8), 727-746	2017 - 2018	1432-1890
Nanoparticle-induced fast nucleation of pinhole-free PbI2 film for ambient processed highly efficient perovskite solar cell	Jadab Sharma	Centre for Nanoscience and Nanotechnology	Nano Energy	2017 - 2018	2211-2855
Aceclofenac cocrystalnanoliposomes for rheumatoid arthritis with better dermatokinetic attributes: a preclinical study.	Sharma, G., Saini, M.K., Thakur, K., Kapil, N., Garg, N.K., Raza, K., Goni, V.G., Pareek, A., Katare, O.P.	University Institute of Pharmaceutical Sciences	Nanomedicine	2017 - 2018	978-1-4939-4314-2
Cationic-bilayered nanoemulsion of fusidic acid: an investigation on eradication of methicillin-resistant Staphylococcus aureus 33591 infection in burn wound.?	Thakur, K., Sharma, G., Singh, B., Jain, A., Tyagi, R., Chhibber, S. & Katare, O.P.	University Institute of Pharmaceutical Sciences	Nanomedicine	2017 - 2018	978-1-4939-4314-2

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Methotrexate and beta-carotene loaded lipid polymer hybrid nanoparticles: a preclinical study for breast cancer	Ashay Jain, Gajanand Sharm1, Varun Kushwah, Neeraj K Garg, Prashant Kesharwani6, Gargi Ghoshal, Bhup	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Nanomedicine	2017 - 2018	1178-2013
Novel surface-engineered solid lipid nanoparticles of rosuvastatin calcium for low-density lipoprotein-receptor targeting: a Quality by Design-driven perspective.	Beg, S., Jain, S., Kushwah, V., Bhatti, G.K., Sandhu, P.S., Katare, O.P. & Singh, B.	University Institute of Pharmaceutical Sciences	Nanomedicine	2017 - 2018	2578-8760
Physiological uptake and retention of radiolabeled resveratrol loaded gold nanoparticles (^{99m} Tc-Res-AuNP) in colon cancer tissue	Kamal R., Chadha V.D. and Dhawan D.K.	Department of Biophysics	Nanomedicine	2017 - 2018	1549-9634 (Print) 1549-9642 (Electronic) 1549-9634 (Linking)
Physiological uptake and retention of radiolabeled resveratrol loaded gold nanoparticles (^{99m} Tc-Res-AuNP) in colon cancer tissue	Rozy Kamal, Dhawan DK, Vijayta D Chadha	Centre for Nuclear Medicine	Nanomedicine	2017 - 2018	1549-9634
Stearic acid based, systematically designed oral lipid nanoparticles for enhanced brain delivery of dimethyl fumarate.	Kumar, P., Sharma, G., Kumar, R., Malik, R., Singh, B., Katare, O.P. & Raza, K.	University Institute of Pharmaceutical Sciences	Nanomedicine	2017 - 2018	2578-8760
Surface-tailored nanomixed micelles containing quercetin?salicylic acid physical complex for enhanced cellular and in vivo activities: a quality by design perspective.	Sandhu, P.S., Kumar, R., Katare, O.P. & Singh, B.	University Institute of Pharmaceutical Sciences	Nanomedicine	2017 - 2018	978-1-4939-4314-2
Surface-tailored nanomixed micelles containing quercetinsalicylic acid physical complex for enhanced cellular and in vivo activities: a quality by design perspective.	Sandhu, P.S., Kumar, R., Katare, O.P. & Singh, B.	University Institute of Pharmaceutical Sciences	Nanomedicine	2017 - 2018	2578-8760
Enhanced acyclovir delivery using w/o type microemulsion: preclinical assessment of antiviral activity using murine model of zosteriform cutaneous HSV-1 infection. Artificial Cells.	Kaur, A., Sharma, G., Gupta, V., Ratho, R.K., Shishu & Katare	University Institute of Pharmaceutical Sciences	Nanomedicine, and Biotechnology.	2017 - 2018	2169-1401
Natural lipids enriched self-nano-emulsifying systems for effective co-delivery of tamoxifen and naringenin: Systematic approach for improved breast cancer therapeutics.	Sandhu, P.S., Kumar,	University Institute of Pharmaceutical Sciences	Nanomedicine.	2017 - 2018	2578-8760

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Visible-Light Photocatalytic Degradation of Organic Pollutants Using Molybdenum Disulfide (MoS2) Microtubes	(Ritika, M. Kaur, A.Umar, S.K.Mehta, S. Singh, and S. K. Kansal)	Department of Chemistry	Nanoscience and Nanotechnology Letters	2017 - 2018	1941-4900
ZnO Nanostructures and Their Sensing Applications: A Review	Savita Chaudhary and Ahmad Umar	Department of Chemistry	Nanoscience and nanotechnology letters 2017 (9) 1787-1826	2017 - 2018	ISSN: 1941-4900
Dietary soy isoflavone: a mechanistic insight.	Chadha, R., Bhalla, Y., Jain, A., Chadha, K., and Karan, M.	University Institute of Pharmaceutical Sciences	Nat. Prod. Commun	2017 - 2018	15559475, 1934578X
A Novel Technique for Line Segmentation in Offline Handwritten Gurmukhi Script Documents	Munish Kumar, M. K. Jindal and R. K. Sharma	P.U. Regional Centre, Muktsar	National Academy Science Letters	2017 - 2018	0250-541X
Offline Handwritten Numeral Recognition using Combination of Different Feature Extraction Techniques	M. K. Jindal	P.U. Regional Centre, Muktsar	National Academy Science Letters	2017 - 2018	0250-541X
Dalit Population in India: A Case of Punjab	Surya Kant	Department of Geography	National Geographical Journal of India	2017 - 2018	0027-9374
Environmental Challenges And Sustainable Development: A Study in Gandhian Perspective	Dr. Manish Sharma	Department of Gandhian and Peace Studies	National Research Journal of Social Sciences	2017 - 2018	2348-473X
Global Λ hyperon polarization in nuclear collisions: evidence for the most vortical fluid [1] Nature 548 (2017) 62-65.	Kumar, L. (STAR Collaboration)	Department of Physics	Nature 548, 62 (2017)	2017 - 2018	10797114
Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions	Kumar, L. (ALICE Collaboration)	Department of Physics	Nature Phys. 13 (2017) 535-539.	2017 - 2018	17452473
Assessment of hepatotoxicity of first line antituberculosis drugs on wistar rats.	R Sharma ,R Kaur, M Mukesh and V L Sharma	Department of Zoology	Naunyn-Schmeideberg's Archives of Pharmacology	2017 - 2018	0028-1298
Samkaleen Hindi Kavita Mein Maa Ka Charitra	Dr. Ashok Kumar	Department of Hindi	Nav Nikash	2017 - 2018	0675-027
Safety evaluation of Aloe vera pulp aqueous extract based on histoarchitectural and biochemical alterations in mice	Bala S, Chugh NA, Bansal SC, Garg ML, Koul A	Department of Biophysics	Indian Journal of Experimental Biology	2017 - 2018	ISSN:0019-5189E- ISSN:0975-1009
Expression profile of markers of oxidative stress,injury and apoptosis in anti-tuberculosis drugs induced nephrotoxicity.	R Sharma, P Battu, M Singla, N Goyal and V L Sharma	Department of Zoology	Nephrology	2017 - 2018	1320-5358
A novel feature selection method for brain tumor MR image classification based on the Fisher Criterion and Parameter Free Bat Optimization	Taranjit Kaur, Barjinder Singh Saini and Savita Gupta	University Institute of Engineering & Technology	Neural Comput & Applic (2018) 29:193–206	2017 - 2018	9410643

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Salidroside reduced lipofuscin deposition by preventing mitophagy in global hypoxic condition	Suryanarayan Biswal, Debashree Das, Richa Dhingra, Kalpana Barhwal, Ashish Kumar, Neelima Dhingra, Sunil Kumar Hota, Om Prakash Chaurasia	University Institute of Pharmaceutical Sciences	Neurobiology of Disease,	2017 - 2018	9.78008E+12
Resveratrol loaded solid lipid nanoparticles attenuate mitochondrial oxidative stress in vascular dementia by activating Nrf2/HO-1 pathway.	Prof. Rajat Sandhir	Department of Biochemistry	Neurochemistry International	2017 - 2018	0197-0186 (print) 1872-9754 (web)
Exploring the Effect of Endoplasmic Reticulum Stress Inhibition by 4-Phenylbutyric Acid on AMPA-Induced Hippocampal Excitotoxicity in Rat Brain	Bhardwaj A., Bhardwaj R., Dhawan D.K. and Kaur T.	Department of Biophysics	Neurotoxicity research	2017 - 2018	10298428
Chromium-based metallosurfactants: synthesis, physicochemical characterization and probing of their interactions with xanthene dyes	Preeti Garg, Gurpreet Kaur* and Ganga Ram Chaudhary	Department of Chemistry	New J .Chem., 2018, 42, 1141.	2017 - 2018	1369-9261
Synthesis and characterization of fused imidazole heterocyclic selenoesters and their application for chemical detoxification of HgCl ₂	(N Sharma, S Kumar, S. Kumar, S.K.Mehta, K K Bhasin)	Department of Chemistry	New J. Chem.	2017 - 2018	1144-0546
Nanocuboidal-shaped zirconium based metal organic framework (UiO-66) for the enhanced adsorptive removal of nonsteroidal anti-inflammatory drug, ketorolac tromethamine, from aqueous phase	(S. Singh, S.Sharma, A.Umar, M.Jha, S.K.Mehta and S. K.Kansal)	Department of Chemistry	New J. Chem., 2018,42, 1921-1930	2017 - 2018	1144-0546
Augmenting the catalytic performance of spinel nanoferrites (CoFe ₂ O ₄ and NiFe ₂ O ₄) via incorporation of Al in to the lattice	Ankita Goyal , S. Bansal , B. Chudasama , K.B. Tikoo , V. Kumar and Sonal Singhal	Department of Chemistry	New journal of chemistry	2017 - 2018	1144-0546
Augmenting the catalytic performance of spinel nanoferrites (CoFe ₂ O ₄ and NiFe ₂ O ₄) via incorporation of Al into the lattice. New J. Chem	A. Goyal, S. Bansal, B. Chudasama, K.B. Tikoo, V. Kumar and S. Singhal,	Department of Chemistry	New Journal of Chemistry	2017 - 2018	1144-0546
Chalcone scaffolds as photofunctional hybrid material of indolin-2-one-functionalized siloxy framework for optical sensing of Cu ²⁺	Gurjaspreet singh	Department of Chemistry	New Journal of chemistry	2017 - 2018	1144-0546
First synthesis of pyrene-functionalized silatranes for mechanistic insights into their potential anti-parasitic and anti-oxidation activities	Gurjaspreet Singh, Akshpreet Singh, Jasbhinder Singh, Darpandeep Aulakh, Mario Wriedt, Cristóbal	Department of Chemistry	New Journal of Chemistry	2017 - 2018	

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Interesting structural transformation of CdS from zinc blende into wurtzite during minuscule loading of magnetic nanoparticles: emergence of heterojunctions with enhanced photocatalytic performance	R. Malik, J. Kaur, A. Kaushik, A. Sheoran, B. Chudasama, V. Kumar, K. B. Tikoo and Sonal Singhal	Department of Chemistry	New Journal of Chemistry	2017 - 2018	1144-0546
Nanocuboidal-shaped zirconium based metal organic framework for the enhanced adsorptive removal of nonsteroidal anti-inflammatory drug, ketorolac tromethamine, from aqueous phase	Sukhjinder Singh, Shelja Sharma, Ahmad Umar, MenakaJha, Surinder Kumar Mehta, Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	New Journal of Chemistry	2017 - 2018	1369-9261
Selective mercury ion recognition using a methyl red (MR) based silatrane sensor	Gurjaspreet singh	Department of Chemistry	New Journal of Chemistry	2017 - 2018	1144-0546
Selective mercury ion recognition using methyl red (MR) based silatrane sensor. New Journal of Chemistry, 2018, 42, 6315-6321	Gurjaspreet Singh, Sanchita, Sunita Rani, Geetika Sharma, Pooja Kalra	Department of Chemistry	New Journal of Chemistry	2017 - 2018	
Solar light driven photocatalytic degradation of levofloxacin using TiO ₂ /carbon-dot nanocomposites	Shelja Sharma, Ahmad Umar, Surinder Kumar Mehta, Alex O. Ibhadon, Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	New Journal of Chemistry	2017 - 2018	1369-9261
Stability and durability studies of TiO ₂ coated immobilized system for the degradation of imidacloprid	A. Verma, A. P. Toor N. T. Prakash, P. Bansal, Sangal, V. K.	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	New Journal of Chemistry	2017 - 2018	1144-0546
The first report of the synthesis of organo-functionalized triethoxysilanes via a Knoevenagel condensation approach	Gurjaspreet singh,Akshpreet Singh, Pinky Satija and Kavita Chowdhary	Department of Chemistry	New journal of chemistry	2017 - 2018	1144-0546
Visible light driven photocatalytic degradation of fluoroquinolone levofloxacin drug using Ag ₂ O/TiO ₂ quantum dots: a mechanistic study and degradation pathway	A. Kaur, D. Salunke, A. Umar , S.K. Mehta, A. S. K. Sinha and S. Kansal	Department of Chemistry	New Journal of Chemistry	2017 - 2018	1144-0546
New Media Advertising and Digital Activism	Dr. Bhavneet Bhatti	School of Communication Studies	New Media Advertising and Digital Activism	2017 - 2018	9738320
Access to Integrated Comprehensive Primary Healthcare System under NRHM : A Study of Block Lothian (Una,HP)	Dr. Ashwani Kumar Sharma	Department of Community Education & Disability Studies		2017 - 2018	
Present scenario of Long Non-Coding RNAs in Plants. Non-coding RNA	Bhatia G., Goyal, N. Sharma, S., Upadhyay, S. K. and Singh, K.	Department of Botany	Non-coding RNA 2017, 3, 16;	2017 - 2018	na
Periodic and rational solutions of variable-coefficient modified Korteweg–de Vries equation	Ritu Pal, Harleen Kaur, Thokala Soloman Raju & C. N. Kumar	Department of Physics	Nonlinear Dynamics	2017 - 2018	0924-090X / 1573-269X

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Pattern and Extent of Disparities in the Development of Rural Services in the Non Farm Sector Across Major Indian States	Dr. Amrita Shergill and Prazy Walia	Department of Economics	North Asian International Research Journal of Social Science and Humanities	2017 - 2018	2454-9827
Optical and Electrical Band gap tuning of Nickel doped ZnS Nanoparticle for device applications	Sharma R.K. Kumar A., Gautam S., Goyal N.	University Centre of Instrumentation and Micro-Electronics	nternational Journal of Applied Science & Technology Research Express. 7 no 6, (2017) ISSN: 2250-2726	2017 - 2018	2250-2726
SMART ENERGY METERING	Begum M , Kumari P, Kang H.P.S.	University Centre of Instrumentation and Micro-Electronics	nternational Journal of Recent Trends in Engineering & research (IJRTER) journal Volume 3, Issue 6; June 2017 ISSN: 2455–1457	2017 - 2018	2455-1457
Design and Implementation of Portable Traffic Light Control System	Mahajan P., Kumari P, Kang H.P.S.	University Centre of Instrumentation and Micro-Electronics	nternational Journal of Recent Trends in Engineering & research (IJRTER) journal Volume 3, Issue 8; June 2017 ISSN: 2455–1457	2017 - 2018	2455-1457
Designing of ESF filter for underwater image enhancement	Garg P., Kumari P, Kang H.P.S.	University Centre of Instrumentation and Micro-Electronics	nternational Journal of Recent Trends in Engineering & research (IJRTER) journal Volume 3, Issue 8; June 2017 ISSN: 2455–1457	2017 - 2018	2455-1457
Disease Detection by Feature Extraction of ECG Signal based on ANFIS	Singh H., Kumari P, Kang H.P.S.	University Centre of Instrumentation and Micro-Electronics	nternational Journal of Recent Trends in Engineering & research (IJRTER) journal Volume 3, Issue 9; June 2017 ISSN: 2455–1457	2017 - 2018	2455-1457
SMART HEALTH MONITORING SYSTEM	Neha, Kumari P, Kang H.P.S.	University Centre of Instrumentation and Micro-Electronics	nternational Journal of Recent Trends in Engineering & research (IJRTER) Volume 3, Issue 9; September 2017 ISSN: 2455–1457	2017 - 2018	2455-1457
Dynamical Cluster-decay Model (DCM) applied to 9 Li + 208 Pb reaction	A.Kaur , Hemdeep , P.Kaushal , B.R.Behera , R.K.Gupta	Department of Physics	Nucl.Phys. A966, 306 (2017)	2017 - 2018	0375-9474

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Measurement of L XRF cross sections for elements with $33 \leq Z \leq 51$ and their interpretation in terms of Li (i =1–3) subshell vacancy decay parameters Nucl. Instr. And Meth. B 429 (2018) 19-26	Heena Duggal, Veena Sharma, H.S. Kainth, Sanjeev Kumar, J.S. Shahi, D. Mehta	Department of Physics	Nuclear Inst, and Methods in Physics Research B 429 (2018) 19–26	2017 - 2018	0168583x
L x-ray production cross sections in high-Z atoms by 3–5 MeV/u silicon ions	M Oswal, Sunil Kumar, Udai Singh, Gurdip Singh, KP Singh, D Mehta, D Mitnik, Claudia Carmen Montanar	Department of Physics	Nuclear Inst. and Methods in Physics Research B	2017 - 2018	0168-583X
Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms	Harpreet Singh Kainth, Ranjit Singh, Gurjot Singh, D Mehta	Department of Physics	Nuclear Inst. and Methods in Physics Research B	2017 - 2018	0168-583X
L shell x ray production in high-Z elements using 4–6 MeV/u fluorine ions	Sunil Kumar, Udai Singh, M Oswal, G Singh, N Singh, D Mehta, T Nandi, G Lapicki	Department of Physics	Nuclear Instruments and Methods in Physics Research B	2017 - 2018	0168-583X
Measurement of L XRF cross sections for elements with $33 \leq Z \leq 51$ and their interpretation in terms of Li (i = 1–3) subshell vacancy decay parameters	Heena Duggal, Veena Sharma, HS Kainth, Sanjeev Kumar, JS Shahi, D Mehta	Department of Physics	Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms	2017 - 2018	0168-583X
Transformation of multi walled carbon nanotubes irradiated by swift heavy ions	Vishalli, Avasthi DK, Srivastava A, Dharamvir K	Department of Chemistry	Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms	2017 - 2018	0168-583X
New efficient derivative free family of seventh-order methods for solving systems of nonlinear equations.	Saurabh bhatia	University Institute of Engineering & Technology	Numer. Algorithms 76	2017 - 2018	1572-9265
Involvement of Regulatory T Cells and Their Cytokines Repertoire in Chemopreventive Action of Fish Oil in Experimental Colon Cancer.	Prof. Archana Bhatnagar	Department of Biochemistry	Nutrition and cancer	2017 - 2018	0163-5581
Role of EGCG in Containing the Progression of Lung Tumorigenesis - A Multistage Targeting Approach	Dhatwalia S.K, Kumar M. and Dhawan D.K.	Department of Biophysics	Nutrition and cancer	2017 - 2018	ISSN:0163-5581E- ISSN:1532-7914
Standardized extract of Lactuca sativa Linn. and its fractions abrogates scopolamine-induced amnesia in mice: A possible cholinergic and antioxidant mechanism	Jai Malik, Jagpreet Kaur && Sunayna Choudhary	University Institute of Pharmaceutical Sciences	Nutritional Neuroscience	2017 - 2018	13. 978-0415315999

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EFFECT OF GRAPHIC ORGANIZER MODEL ON ACHIEVEMENT AND RETENTION IN GEOGRAPHY	Dr. Ram Mehar	University School of Open Learning	Online Journal of Multidisciplinary Subject	2017 - 2018	ISSN No. 2340-266X
Fifty Years of Open University and Internet	Prof. R.K. Mahajan	University School of Open Learning	Onto an Era of MOOCs and MOOD	2017 - 2018	
Nutrition, Diet Intake and Patterns Followed by Women: A Literature Review	Dr. Monica Munjial Singh, Anupama Bharti	Centre for Social Work	Open Access International Journal of Science of Science and Engineering	2017 - 2018	2456-3293
Unraveling the relationship between Breast and Bone Cancer: A Systems Biology Approach. Bioscience Discovery.	Dr. Tammanna Sahrawat	Centre for System Biology & Bioinformatics	Open Access, Research Journal	2017 - 2018	ISSN: 2231-024X (Online)
To evaluate the severity, distribution of occlusal tooth wear and its correlation with bite force in Young north Indian adults.	Sunint Singh, Sharique Rehan, Virender Kumar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Open Dentistry Journal	2017 - 2018	18742106
Water cycle algorithm based multi-objective contrast enhancement approach	Manisha Kaushal, Baljit Singh Khehra and Akashdeep Sharma	University Institute of Engineering & Technology	Optik 140 (2017) 762–775	2017 - 2018	304026
Enantioselective 1, 4-Michael addition reaction of pyrazolin-5-one derivatives with 2-enoylpyridines catalyzed by Cinchona derived squaramide	Vivek Sharma, AnmolpreetKaur, Subash Chandra Sahoo, and Swapandeep Singh Chimni	Department of Chemistry	Organic & Biomolecular Chemistry	2017 - 2018	1477-0520
Oxidative homodimerization of substituted olefins by DDQ visible light photocatalysis	Chuskit, D., Chaudhary, R., Venugopalan, P., König, B., Natarajan, P.	Department of Chemistry	Organic Chemistry Frontiers, 2018, 5, 3553-3556	2017 - 2018	2052-4110
Transition in local home birth practices in Mashobra block of inner Himalayas, Himachal Pradesh: assessing role and status of traditional birth attendants.	Thakur, Ratika Sinha, A.K & Pathak,R.K	Department of Anthropology	Oriental Anthropologist. 17(1): 177-183.	2017 - 2018	0972-558X
An Analytical study of welfare measures and its impact on HR strategies of employee: retention in hospitality industry of Garhwal and Kumaon region of Uttarakhand	Neeraj Aggarwal & Kumar satyam	University Institute of Hotel and Tourism Management	Pacific Hospitality Review	2017 - 2018	1567-214X
The Cambrian trilobite fauna from the Shian (Saybang) section, Pin Valley (Spiti) and its biostratigraphic significance	Singh, B.P., Chaubey, R.S., Bhargava, O.N., Prasad, S.K., Negi, R.S.,	Department of Geology	Palaeoworld,	2017 - 2018	1871174X
A fossil freshwater crab from the Pliocene Tatrot Formation (Siwalik Group) in Northern India (Crustacea, Brachyura, Potamidae),	Klaus,S, Singh,B, HartmannL, Krishan, K, Ghosh, A & Patnaik, R.	Department of Anthropology	Palaeoworld, 26	2017 - 2018	1871-174X

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Educational Status and Constraints of Rural Women in India: Evidence from a Study of Rural Punjab	Satvinderpal Kaur	Department of Education	Panjab University Journal of Social Sciences	2017 - 2018	0251348X
Brain Stem Death And Transplantation of Human Organs-A Medico Legal Study	Dr.Kamya Rani	P.U. S.S. Giri Regional Centre, Hoshiarpur	Panjab University Law Review	2017 - 2018	0971-5541
Equal Justice through lok adalat A constitutional prespective	Dr Amita Verma Ms Puja Bansht	University Institute of Legal Studies	Panjab University Law Review	2017 - 2018	9715541
Existence of Child Labour in the 21st Century and Human Rights: International Perspective and Legal Implications	Dr. Babita Devi Pathania	Department of Laws	PANJAB UNIVERSITY LAW REVIEW	2017 - 2018	0971-5541
Legal Relationship between Transnational Corporations and States	Dr. Dinesh Kumar	Department of Laws	Panjab University Law Review	2017 - 2018	0971-5541
Legislative Framework and Judicial Responce to Victim's Right of Compensation in Criminal Justice System	Dr. Neelam Batra	P.U. Regional Centre, Ludhiana	Panjab University Law Review	2017 - 2018	0971-5541
Principle of Criminal Liability of Corporation: Should Gender Justice be part of Climate Justice?	Prof. Shalini Marwaha	Department of Laws	Panjab University Law Review	2017 - 2018	0971-5541
Producer's Responsibilities of E-Waste Management: Recommended	Dr. Pushpinder Kaur and Dolly Singh	University Institute of Legal Studies	Panjab University Law Review	2017 - 2018	9715541
River Water Distpute between punjab and Haryana and syl Canal	Prof. Arti Puri	P.U. Regional Centre, Ludhiana	Panjab University Law Review	2017 - 2018	0971-5541
Sexual Harassment of Women at Workplace: A Critical Analysis	Dr. Babita Devi Pathania	Department of Laws	PANJAB UNIVERSITY LAW REVIEW	2017 - 2018	0971-5541
From Imposing Criminal Sanctions to Protecting Drug Abusers Health Does India Need to Learn the Portugal Way	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Panjab University Law Review vol 56 Part 1	2017 - 2018	0971-5541
STATE AND ITS ROLE IN SOCIO-ECONOMIC TRANSFORMATION OF WORKERS: AN ANALYSIS	Vibhuti Chauhan	Department of Laws	Panjab University Law Review Vol. 57 (Part-I)	2017 - 2018	0971-5541
Emerging Concept of Corporate Privacy: An Analysis	Dr. Anil Kumar Thakur	Department of Laws	Panjab University Law Review vol56 part 1	2017 - 2018	9715541
Democracy vis-à-vis Transparency: Political Parties under the Realm of Right to Information Act, 2005	Rattan Singh	University Institute of Legal Studies	Panjab University Law Review, Panjab University, Chandigarh	2017 - 2018	ISSN 0971-5541
PRINCIPAL OF CRIMINAL LIABILITY OF CORPORATION:-FOR MODELS OF FAULT at 186.	Dr. Sonia	Department of Laws	Panjab University Law Review, vol. 56 ,Part-2	2017 - 2018	09715-541
Corporate Social Responsibility and Health Sector in India	Dr. Dinesh Kumar	Department of Laws	Panjab University Law Review, Vol. 56, Part 2	2017 - 2018	0971-5541
Sedition: An Act Against State or a Tool to Curb Right to Free Speech	Dr. Neetu Gupta	Department of Laws	Panjab University Law Review, Vol.56 Part-1	2017 - 2018	0971-5541

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Brain Stem Death and Transplantation of Human Organs- A Medico Legal Study	Dr. Supinder Kaur	Department of Laws	Panjab University Law Review, Vol56, Part-2	2017 - 2018	0971-5541
Castes within Caste: Dilemmas of a Cohesive Dalit Movement in Contemporary East Punjab,	Prof. Ronki Ram	Department of Political Science	Panjab University Research Journal (Arts)	2017 - 2018	0970-5260 ; Vol. XLIV, No. 2, July-December 2017, pp. 45-62.
Farida Khaq na Nindeeai: Panjab da Virsa, Itihaskari te Sahitkar, Chandigarh	Prof. Ronki Ram	Department of Political Science	Panjab University Research Journal (Arts)	2017 - 2018	Vol. XLIV, No. 2, 2017, pp. 175-77
India's Geostrategic Stakes and Security Concerns in Afghanistan: An Overview	Jaskaran Singh Waraich	Department of Defence and National Security Studies	Panjab University Research Journal (Arts)	2017 - 2018	0970-5260
'Kitchlew- the Soldier of National Unity'	Prof. Anju Suri	Department of History	Panjab University Research Journal (Arts), Vol XLIV, No.-2	2017 - 2018	NA
Effect of Paired Reciprocal Reading on deficits in reading Comprehension among children	Gupta, R.K	Department of Education	Panjab University Research Journal (Arts), Vol. XLIV No. 1	2017 - 2018	0970-5260
indranath madan ki alohna drishti aur premchand	Dr. Gurmeet Singh	Department of Hindi	Parishodh	2017 - 2018	2347-6648
Mahila lekhan aur nari vimarsh	Ritu Bhanot	Department of Hindi	Parishodh	2017 - 2018	2347-6648
Paryavaran chetna ke sandarbh me ess aar harnot ke kahani	Sunita Sharma	Department of Hindi	Parishodh	2017 - 2018	2347-6648
Vaishnavi ashthao evam mulyo ke srijankar	Dr. Ashok Kumar	Department of Hindi	Parishodh	2017 - 2018	2347-6648
portrait of a writer	Prof. Satya pal Sehgal	Department of Hindi	Parkh	2017 - 2018	2320-9690
Piara Singh Padam de guru granth sanket kosh da kosh viganak sandarbh	Prof. Uma Sethi	School of Punjabi Studies	Parkh :Vol.I & II	2017 - 2018	2320-9690
Samkali Punjabi Kavita vich Punjab, Punjabi ate Punjabiat (1980 ton baad di Punjabi Kavita de hawale naal)	Dr.Yog Raj	School of Punjabi Studies	Parkh :Vol.I & II	2017 - 2018	2320-9690
Samkali Punjabi Kavita di Navi Jooh	Prof. Sukhdev Singh	School of Punjabi Studies	Parkh :Vol.I & II 2017	2017 - 2018	2320-9690
Guru Nanak Bani : Antar Sabheachark Samvad	Sukhdev Singh	School of Punjabi Studies	Parkh Vol. I & II Guru Nank Vishesh Ank	2017 - 2018	2320-9690
'Japuji' de Panj Khanda di Darshnikta	Yog Raj	School of Punjabi Studies	Parkh Vol. I & II Guru Nank Vishesh Ank	2017 - 2018	2320-9690
Sach Suniasi Sach Ki Bela	Sarabjit Singh	School of Punjabi Studies	Parkh Vol. I & II Guru Nank Vishesh Ank	2017 - 2018	2320-9690
'Kale Varke' da Birtantak Avchetan	Prof. Sarabjit Singh	School of Punjabi Studies	Parkh Vol. I & II	2017 - 2018	2320-9690

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Introsuction to MOOCs : The new media technologies in higher education. Distance and e-learning in global context (pp52-57)	Puneet Sandhu & Dr. dazy zarabi	Department of Community Education & Disability Studies	Patiala: twenty first century publications	2017 - 2018	
Efficient fusion of osseous and vascular details in wavelet domain.	Dogra, Ayush, Bhawna Goyal, Sunil Agrawal, and Chirag Kamal Ahuja	University Institute of Engineering & Technology	Pattern Recognition Letters	2017 - 2018	0167-8655
Dual way residue noise thresholding along with feature preservation.	Goyal, Bhawna, Ayush Dogra, Sunil Agrawal, and B. S. Sohi	University Institute of Engineering & Technology	Pattern Recognition Letters 94	2017 - 2018	0167-8655
From books to bandwidth: Reinventing information architecture in libraries via mobile technology	Leena Khullar	A C Joshi Library	Pearl A journal of library and information science	2017 - 2018	0973-7081
University Libraries in North India: A Comparative Analysis.	Prof. Preeti Mahajan	Department of Library & Information Science	Pearl: A Journal of Library and Information Science	2017 - 2018	0975-6922
Peer relationship Scale	Sonia Chopra & Gupta, R. K	Department of Education	Peer relationship Scale	2017 - 2018	na
Faculty in Response to Reading Interest: A Study of Pre-service Teachers	Dr.Prabha Vig	Department of Lifelong Learning & Extension	Periodic Reseach	2017 - 2018	2349-9435
Computer Literacy among the University Students of North India: A Study.	Dr. Khushpreet Singh Brar	Department of Library & Information Science	Periodic Research	2017 - 2018	22310045
INTERNET USE IN RELATION TO GENDER AND ACADEMIC ACHIEVEMENT WITH DIFFERENT LEVELS OF SELF EFFICACY	VANDANA MEHRA NAD SUKHBIR KAUR	Department of Education	PERIODIC RESEARCH	2017 - 2018	2349-9435
internet use in relation to gender and computer anxiety with different levels of self internet efficacy	Mehra, V. & Kaur,S.	Department of Education	PERIODIC RESEARCH	2017 - 2018	2231-0045
Qualitative Aspect of Life Long Learning: A Study of Pre-service Teachers in Colleges of Education of Panjab (India).	Prof.Prabha Vig	Department of Lifelong Learning & Extension	Periodic Research Journal	2017 - 2018	2349-9435
Smart patrolling: An efficient road surface monitoring using smartphone sensors and crowdsourcing, Pervasive and Mobile Computing	Gurdit Singh, Divya Bansal, Sanjeev Sofat, Naveen Aggarwal	University Institute of Engineering & Technology	Pervasive and Mobile Computing Volume 40, September 2017, Pages 71-88	2017 - 2018	15741192
Ameliorating effect of Celastrus paniculatus standardized extract and its fractions on 3- nitropropionic acid induced neuronal damage in rats: possible antioxidant mechanism.	Malik, J., Karan, M. & Dogra, R.	University Institute of Pharmaceutical Sciences	Pharm. Biol,	2017 - 2018	13880209, 17445116.
Lipid and polymer-based nanostructured Systems for enhanced oral Bioavailability	Beg, S., Khurana, R.K., Teenu & Singh, B.	University Institute of Pharmaceutical Sciences	Pharma Times	2017 - 2018	316849
Nanopharmaceuticals: Global Perspectives and National Prospectives	Jain, S., Saini, S., Teenu & Singh, B.	University Institute of Pharmaceutical Sciences	Pharma Times	2017 - 2018	316849

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Pilot plant and scale-up studies for holistic development of nanopharmaceuticals.	Khurana, R. K., Nirbhavane, P., Sharma, G., Singh, B. & Katare, O.P.	University Institute of Pharmaceutical Sciences	Pharma Times.	2017 - 2018	316849
Ameliorating effect of Celastrus paniculatus standardized extract and its fractions on 3-nitropropionic acid induced neuronal damage in rats: possible antioxidant mechanism	Jai Malik, Maninder Karan && Rachna Dogra	University Institute of Pharmaceutical Sciences	Pharmaceutical Biology	2017 - 2018	9.78819E+12
The novel role of γ -aescin in attenuating CCl ₄ -induced hepatotoxicity in rats.	Singh H, Sidhu S, Chopra K, Khan MU.?	University Institute of Pharmaceutical Sciences	Pharmaceutical Biology	2017 - 2018	13880209, 17445116
Pharmacognostic Evaluation & Antimicrobial Activity of Endangered Ethnomedicinal Plant Crepidiumacuminatum (D. Don) Szlach. Pharmacogn J., Vol. 9, No. 6Suppl, PP. s56-s63	Arora, Mamta, Kaur, Gurjinder, Kahlon, Parvinderdeep S., Mahajan, Anupama, Sembi, Jaspreet K	Department of Botany	Pharmacognosy Journal, Vol 9, Issue 6 (Suppl), Nov-Dec, 2017	2017 - 2018	NA
Beneficial Effects of Caesalpinia digyna Extract against Acid Aspiration Induced Acute Lung Injury in Mice.	Dr. A.S Naura	Department of Biochemistry	Pharmacognosy Research	2017 - 2018	ISSN: 0974-8490
Isomalto-oligosaccharides, a prebiotic, functionally augment green tea effects against high fat diet-induced metabolic alterations?via?preventing gut dysbacteriosis in mice.	Singh DP,Singh J, Boparai RK, Zhu JH, Mantri S, Khare P,,Kondepudi KK, Chopra K, Bishnoi M.	University Institute of Pharmaceutical Sciences	Pharmacol Res.	2017 - 2018	0346-251X
Physical and optical properties of bulk and thin films of a –Ge–Sb–Te lone-pair	Ishu Sharma, Pawan Kumar, S.K.Tripathi	Department of Physics	Phase Transitions	2017 - 2018	1029-0338
Synthesis, characterisation and structural aspects of some symmetrical organotellurium halides based on Bis (2-(3, 5-dimethyl-1H-pyrazol-1-yl) ethyl) telluride	(KK Bhasin, S Pundir, S Neogy, D Mehta, S.K. Mehta)	Department of Chemistry	Phosphorus, Sulfur, and Silicon and the Related Elements	2017 - 2018	1042-6507
Measurement of the production of high- p_{T} electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}$ = 2.76 TeV Phys.Lett. B771 (2017) 467-481.	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Lett. B 771 (2017) 467-481	2017 - 2018	2179849
Elliptic flow of electrons from heavy-flavor hadron decays in Au + Au collisions at $\sqrt{s_{\text{NN}}} = \sqrt{s}$ 200, 62.4, and 39 GeV Phys.Rev. C95 (2017) no.3, 034907.	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 95, 034907, Published 13 March 2017	2017 - 2018	24699985

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$K^*(892)^0$ and $\phi(1020)$ meson production at high transverse momentum in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV Phys.Rev. C95 (2017) no.6, 064606.	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 95, 064606 (2017)	2017 - 2018	24699985
Study of fission time scale from pre-scission neutron and alpha multiplicities in $^{16}\mathrm{O}+^{194}\mathrm{Pt}$ Reaction	K. Kapoor, S.Verma, P. Sharma, R. Mahajan, ASok kumar et al.	Department of Physics	Phys. Rev. C 96, (2017) 054605	2017 - 2018	xx
Coherent diffractive photoproduction of p_0 mesons on gold nuclei at 200 GeV/nucleon-pair at the Relativistic Heavy Ion Collider Phys.Rev. C96 (2017) no.5, 054904.	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. C 96, 054904 – Published 13 November 2017	2017 - 2018	24699985
Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV ^[LSEP] Phys.Rev. C96 (2017) no.6, 064613.	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. C 96, 064613 – Published 21 December 2017	2017 - 2018	24699985
Measurement of the Neutrino Mixing Angle θ_{23} in NOvA	Vipin Bhatnagar, Daisy Kalra Ashok kumar et al.	Department of Physics	Phys. Rev. Lett	2017 - 2018	
Constraints on Oscillation Parameters from ν_e Appearance and ν_{μ} Disappearance in NOvA	Vipin Bhatnagar, Daisy Kalra, Ashok Kumar et al.	Department of Physics	Phys. Rev. Lett.	2017 - 2018	
Charge-dependent directed flow in Cu+Au collisions at $\sqrt{s_{\mathrm{NN}}} = 200$ GeV Phys.Rev.Lett. 118 (2017) no.1, 012301.	Kumar, L. (STAR Collaboration)	Department of Physics	Phys. Rev. Lett. 118, 012301 – Published 5 January 2017	2017 - 2018	10797114
Flow dominance and factorization of transverse momentum correlations in Pb-Pb collisions at the LHC Phys.Rev.Lett. 118 (2017) no.16, 162302.	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. Lett. 118, 162302 – Published 21 April 2017	2017 - 2018	10797114
J/ψ elliptic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV ^[LSEP] Phys.Rev.Lett. 119 (2017) no.24, 242301.	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys. Rev. Lett. 119, 242301 (2017)	2017 - 2018	10797114
One-electron fluid at high densitdimensional y	K.N. Pathak et al.	Department of Physics	Phys. Rev.B . 98, 125139 (2018	2017 - 2018	2179849
Conditions where RPA becomes exact in the high-density limit	K.N. Pathak et al.	Department of Physics	Phys. Rev.B. 97, 155147 (2018) 10	2017 - 2018	
ϕ -meson production at forward rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV and in pp collisions at $\sqrt{s} = 2.76$ TeV ^[LSEP]	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys.Lett. B768 (2017) 203-217.	2017 - 2018	2179849
Direct virtual photon production in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}} = 200$ GeV	Kumar, L. (STAR Collaboration)	Department of Physics	Phys.Lett. B770 (2017) 451-458.	2017 - 2018	2179849

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Production of muons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys.Lett. B770 (2017) 459-472.	2017 - 2018	2179849
Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys.Lett. B772 (2017) 567-577.	2017 - 2018	2179849
Linear and non-linear flow modes in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys.Lett. B773 (2017) 68-80.	2017 - 2018	2179849
Measuring $K_S^0 \rightarrow \pi^+ \pi^-$ interactions using Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys.Lett. B774 (2017) 64-77.	2017 - 2018	2179849
Search for new physics in events with two soft oppositely charged leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV	V. Bhatnagar et. al.,	Department of Physics	Phys.Lett.B 782 (2018) 440-467	2017 - 2018	2179849
Collective quadrupole behavior in 106Pd	F.M.Prados-Estevez, E.E.Peters, A.ChAshok kumar D. Bndyopadhyay, N.Boukharouba, A. kumar et	Department of Physics	Phys.Rev. C 95, 034328 (2017)	2017 - 2018	xx
Relationship between and effect of inelastic excitations and transfer channels on sub-barrier fusion enhancement	Khushboo , S.Mandal , S.Nath , N.Madhavan , J.Gehlot , A.Jhingan , N.Kumar , T.Banerjee ,B.R.Behera	Department of Physics	Phys.Rev. C 96, 014614 (2017)	2017 - 2018	2469-9985, 2469-9993, 1538-4497
Evaporation residue cross-section measurements for 48Ti-induced reactions	P.Sharma, B.R.Behera, R.Mahajan, M.Thakur, G.Kaur, K.Kapoor, K.Rani, N.Madhavan, S.Nath, J.Gehlot, R	Department of Physics	Phys.Rev. C 96, 034613 (2017)	2017 - 2018	2469-9985, 2469-9993, 1538-4497
Fission time scale from pre-scission neutron and α multiplicities in the 16 O + 194 Pt reaction	K.Kapoor , Ashok kumar S.Verma , P.Sharma , R.Mahajan , N.Kaur , G.Kaur , B.R.Behera , K.P.Singh	Department of Physics	Phys.Rev. C 96, 054605 (2017)	2017 - 2018	2469-9985, 2469-9993, 1538-4497
Measurements of jet quenching with semi-inclusive hadron+jet distributions in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV	Kumar, L. (STAR Collaboration)	Department of Physics	Phys.Rev. C96 (2017) no.2, 024905.	2017 - 2018	24699985

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Kumar, L. (ALICE Collaboration)	Department of Physics	Phys.Rev. C96 (2017) no.3, 034904	2017 - 2018	24699985
Bulk Properties of the Medium Produced in Relativistic Heavy-Ion Collisions from the Beam Energy Scan Program	Kumar, L. (STAR Collaboration)	Department of Physics	Phys.Rev. C96 (2017) no.4, 044904.	2017 - 2018	24699985
Search for active-sterile neutrino mixing using neutral-current interactions in NOvA	Vipin Bhatnagar, Daisy Kalra,ashok kumar et al.	Department of Physics	Phys.Rev.D	2017 - 2018	
Measurement of the Λ_b polarization and angular parameters in $\Lambda_b \rightarrow J/\psi \Lambda$ decays from pp collisions at $\sqrt{s} = 7$ and 8 TeV	V. Bhatnagar et. al.,	Department of Physics	Phys.Rev.D 97 (2018) 7, 072010	2017 - 2018	24700010
Measurement of Δ^0 Azimuthal Anisotropy at Midrapidity in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV	Kumar, L. (STAR Collaboration)	Department of Physics	Phys.Rev.Lett. 118 (2017) no.21, 212301	2017 - 2018	10797114
Search for narrow resonances in the b-tagged dijet mass spectrum in proton-proton collisions at $\sqrt{s} = 8$ TeV	V. Bhatnagar et. al.,	Department of Physics	Phys.Rev.Lett. 120 (2018) 20, 201801	2017 - 2018	10797114
Search for heavy neutral leptons in events with three charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV	V. Bhatnagar et. al.,	Department of Physics	Phys.Rev.Lett. 120 (2018) 22, 221801	2017 - 2018	10797114
Combustion synthesis and characterization of blue long lasting phosphor CaAl2O4: Eu2+, Dy3+ and its novel application in latent fingerprint and Lip mark detection	VISHAL SHARMA	Institute of Forensic Science & Criminology	Physica B	2017 - 2018	9214526
Recent advances in rare earth doped alkali-alkaline earth borates for solid state lighting applications	VISHAL SHARMA	Institute of Forensic Science & Criminology	Physica B	2017 - 2018	9214526
Potential of Sm3+ doped LiSrVO4 nanophosphor to fill amber gap in LEDs	VISHAL SHARMA	Institute of Forensic Science & Criminology	Physica B Condensed Matter	2017 - 2018	9214526
Recent Advances in Enhanced Luminescence Upconversion of Lanthanide-Doped NaYF4 phosphors	VISHAL SHARMA	Institute of Forensic Science & Criminology	Physica B Condensed Matter	2017 - 2018	9214526
Enantioselective Synthesis of Sulfoxide using SBA-15 Supported Vanadia Catalyst: A Computational Elucidation using QM/MM Approach	N.Kaur, S. Gupta and N.Goel	Department of Chemistry	Physical Chemistry Chemical Physics	2017 - 2018	1463-9076

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Fabrication of metalosomes (metal containing cationic liposomes) using single chain surfactant as precursor via formation of inorganic organic hybrids	Preeti Garg, Gurpreet Kaur* and Ganga Ram Chaudhary, Santosh L Gawali, PA Hassan	Department of Chemistry	Physical Chemistry Chemical Physics	2017 - 2018	1463-9076
Mechanistic insights into the interaction between energetic oxygen ions and nanosized ZnFe ₂ O ₄ : XAS-XMCD investigations (2018) Physical Chemistry Chemical Physics, 20(7), pp 12084-12096	Singh, J.P., Kaur, B., Sharma, A., Kim, S.K., Gautam, S., Srivastava, R.C., Goyal, N., Lim, W.C., L	Department of Physics	Physical Chemistry Chemical Physics	2017 - 2018	1463-9084
Mechanistic insights into the interaction between energetic oxygen ions and nanosized ZnFe ₂ O ₄ : XAS-XMCD investigations	Jitendra Pal Singh, Baljeet Kaur, Aditya Sharma, So Hee Kim, Sanjeev Gautam, Ramesh Chandra Srivasta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Physical Chemistry Chemical Physics	2017 - 2018	1463-9076
Structural and electronic properties of barbituric acid and melamine-containing ribonucleosides as plausible components of prebiotic RNA: implications for prebiotic self-assembly	Sarabjeet Kaur, Purshotam Sharma* and Stacey D. Wetmore*	Department of Chemistry	Physical Chemistry Chemical Physics	2017 - 2018	1463-9076
Band Structures in 100Pd Proceedings of the DAE Symp. on Nucl. Phys. 62 (2017)	V. Singh, ¹ S. Sihotra, ^{1,*} G. H. Bhat, ^{2,3} J. A. Sheikh, ² M. Kaur, ¹ S. Kumar, ¹ K. Singh, ¹ J. Goswamy, ¹	Department of Physics	PHYSICAL REVIEW C	2017 - 2018	2469-9985
High-spin states in ¹³³ Cs and the shell model description	S Biswas, R Palit, J Sethi, S Saha, A Raghav, U Garg, Md SR Laskar, FS Babra, Z Naik, S Sharma, AY D	Department of Physics	Physical Review C	2017 - 2018	2469-9985
Measurement of the cross section and longitudinal double-spin asymmetry for di-jet production in polarized $\sqrt{s}=200$ GeV $\sqrt{s_{NN}}$ collisions at $\sqrt{s}=200$ GeV Phys.Rev. D95 (2017) no.7, 071103.	Kumar, L. (STAR Collaboration)	Department of Physics	PHYSICAL REVIEW D 95, 071103(R) (2017)	2017 - 2018	24700010
ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV Phys.Lett. B766 (2017) 212-224.	Kumar, L. (ALICE Collaboration)	Department of Physics	Physics Letters B 766 (2017) 212–224	2017 - 2018	17936640
Anomalous evolution of the near-side jet peak shape in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV Phys.Rev.Lett. 119 (2017) no.10, 102301.	Kumar, L. (ALICE Collaboration)	Department of Physics	PhysRevLett.119.102301	2017 - 2018	10797114
Coadministration of ginger extract-Lactobacillus acidophilus (cobiotic) reduces gut inflammation and oxidative stress via downregulation of COX-2, i-NOS and c-Myc. 1-7	Deol, P.K.,?Khare P.,?Bishnoi, M.,?Kondepudi, K.K.,?Kaur, I.P.	University Institute of Pharmaceutical Sciences	Phytotherapy Research:	2017 - 2018	1099-1573

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Human capital analytics: Mapping the workforce competencies in data driven business environment	Prof.Luxmi malodia, sanjeev sharma	University Business School	PIMT	2017 - 2018	2278-7925
Identification and characterization of WUSCHEL-related homeobox (WOX) gene family in economically important orchid species Phalaenopsis equestris and Dendrobium catenatum	Thakku, R.R., Kanchan, M. Upadhyay, S. K. and Sembi, J. K.	Department of Botany	Plant Gene	2017 - 2018	NA
Identification and characterization of WUSCHEL-related homeobox (WOX) gene family in economically important orchid species Phalaenopsis equestris and Dendrobium catenatum	Thakku R. Ramkumar, Madhvi Kanchan, Santosh Kumar Upadhyay, Jaspreet K. Sembi*	Department of Botany	Plant Gene	2017 - 2018	NA
Identification and characterization of WUSCHEL-related homeobox (WOX) gene family in economically important orchid species Phalaenopsis equestris and Dendrobiumcatenatum	Ramkumar, Thakku R., Kanchan, Madhvi, Upadhyay, S. K. & Sembi, Jaspreet K.	Department of Botany	Plant Gene	2017 - 2018	na
Mycorrhizal inoculations and silicon fortifications improve rhizobial symbiosis, antioxidant defense, trehalose turnover in pigeon pea genotypes under cadmium and zinc stress	Garg, N. and Singh, S.	Department of Botany	Plant Growth Regulation, 86(1), 105-119	2017 - 2018	1573-5087
Decellularized scaffold of cryopreserved rat kidney retains its recellularization potential.PLOS ONE	Dr. Veena Puri	Centre for System Biology & Bioinformatics	PLoS one	2017 - 2018	1932-6203
Decellularized scaffold of cryopreserved rat kidney retains its recellularization potential	Baldeep Channi	Centre For Stem Cell Tissue Engineering & Biomedical Excellence	Plos One	2017 - 2018	1932-6203
Design, synthesis, DFT, docking and ADME prediction of some new coumarinyl linked pyrazolothiazoles: Potential standalone or adjuvant antimicrobial agents	Dr. Indresh Kumar Maurya (DST-INSPIRE Faculty)	Department of Microbial Biotechnology	PLoS ONE	2017 - 2018	1932-6203
Design, synthesis, DFT, docking studies and ADME prediction of some new coumarinyl linked pyrazolylthiazoles: Potential standalone or adjuvant antimicrobial agents	Sunil Kumar, Vikram Saini, Indresh K. Maurya, Jayant Sindhu, Mukesh Kumari, Ramesh Kataria, V. Kumar	Department of Chemistry	Plos One	2017 - 2018	1932-6203
Prevalence of antibiotic resistance in commensal Escherichia coli among the children in rural hill communities of Northeast India	Dr. Samer Singh	Department of Microbial Biotechnology	PLoS ONE	2017 - 2018	1932-6203
CCL2 single nucleotide polymorphism of rs1024611 implicates prominence of inflammatory cascade by univariate modelling in Indian AMD	S.K.Sharma, Neel Kamal, Akshay Anand et.al	Department of Statistics	Plosone	2017 - 2018	19326203

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Agricultural marketing in Himachal Pradesh: Problems and prospects	Raj, T.	University Business School	POLITICAL ECONOMY JOURNAL OF INDIA	2017 - 2018	0971-2097
Issues and constraints of organic farming in Himachal Pradesh: An empirical analysis	Raj, T.	University Business School	Political Economy Journal of India	2017 - 2018	0971-2097
Trade Flows, Financial Integration and business cycle Synchronization between India and north America (USA and CANADA) an analysis	Suman Makkar	Department of Evening Studies	Political Economy Journal of India	2017 - 2018	0971-2097
Structural Change in Sub-National Economics of Punjab and Gujarat: A comparative study.	Sawhney, Upinder and Singh, Tina	Department of Economics	Political Economy Journal of India 27 (1 and 2):1-14 : 2018	2017 - 2018	
Diaquabis (ethylenediamine) copper(II) vs. monoaquabis (ethylenediamine) copper(II): Synthesis, characterization, single crystal X-ray structure determination, theoretical calculations and antimicrobial activities of [Cu(en)2(H2O)2](2-phenoxybenzoate)2·H2O and [Cu(en)2(H2O)] (diphenylacetate)2·3H2O	Sharma RP, Sainia A., Kumara S., Kumar J., Venugopalana P., Gondil VS, Chhibber S. and Areec T.	Department of Microbiology	Polyhedron	2017 - 2018	0277-5387
Extending photophysical behavior of Schiff base tripod for the speciation of iron and fabrication of INHIBIT type molecular logic gate for fluorogenic recognition of Zn(II) and Cd(II) ions	Kaur, P., Singh, J., Singh, R., Kaur, V., Talwar, D	Department of Chemistry	Polyhedron	2017 - 2018	0277-5387
Syntheses, characterization, single crystal X-ray structures and antimicrobial activities of four Cu(II) 3-halobenzoate complexes; Cu(3-chloro/bromobenzoate)2 in the presence of heterocyclic N-donor ligands β/γ-picoline.	Sharma R.P., Kumara., Kumar J., Venugopalana P., Gondil V.S., Chhibber S., and Aree T.	Department of Microbiology	Polyhedron	2017 - 2018	0277-5387
Synthesis, characterization and single crystal X-ray structure determination of three cadmium(II) complexes derived from picric acid and p-nitrobenzoic acid in the presence and absence of nitrogen donor ligand N-(hydroxyethyl)ethylenediamine,	Kumar, S., Sharma, R.P., Venugopalan, P., Aree, T	Department of Chemistry	Polyhedron, 2018, 139,178-188	2017 - 2018	0277-5387
Optimization of controlled ring-opening polymerization of l-lactide to hydroxyl terminated polylactides using zinc acetate catalyst	Sheetal Monga, Anupama Kaushik, Bhuvanesh Gupta	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Polymer Bulletin	2017 - 2018	1700839
Bionanocomposites reinforced with cellulose nanofibers derived from sugarcane bagasse	Anuradha Rani, Sheetal Monga, Monica Bansal, Anupama Sharma	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Polymer Composites	2017 - 2018	9711198

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Encapsulation and release of Doxorubicin from plasticizer-transformed poly(ε-Caprolactone) microcapsules	Kukkar D, Kaur I, Singh J, Bharadwaj, LM	Department of Biotechnology	PolymerPlastics Technology and Engineering.	2017 - 2018	0360 2559
Country equivalents of Indian States and Union Territories	Gopal Krishan	Department of Geography	Population Geography	2017 - 2018	0256-5331
K0S Production from beryllium target using 120 GeV/c protons beam interactions at the MIPP experiment	A. Singh, A. Kumar, A. Raja, V. Bhatnagar, V. Singh	Department of Physics	Pramana (R) – J. Phys. V 89 issue 6 (2017)P 89	2017 - 2018	xx
A novel technique for active vibration control, based on optimal tracking control	BK Sarabi, M Sharma, D Kaur	University Institute of Engineering & Technology	Pramana 89 (2), 24	2017 - 2018	3044289
Design and analysis of MEMS MWCNT/epoxy strain sensor using COMSOL.	Sapra G and P. Sharma	University Institute of Engineering & Technology	Pramana Journal of Physics	2017 - 2018	3044289
EXECUTIVE LEGISLATION IN INDIA: AN ANALYSIS	Dr. Reena Kansal	Department of Laws	PRAMANA RESEARCH JOURNAL	2017 - 2018	2249-2976
Comparative Analysis of Financial Volatility Models: Evidence from Indian Stock Market, 16 (2017).	Dr. Nishi Sharma	University Institute of Applied Management Sciences	Pravara Management Review	2017 - 2018	0975-7201
Mahamati Prannath Ka Samajik Drishtrikon	Dr. Ashok Kumar	Department of Hindi	Printing Area	2017 - 2018	2394-5303
Importance of Sketching in Indian Pictorial Tradition	Tirthankar Bhattacharya	Department of Art History and Visual Arts	Printing Area International Multilingual Research Journal Issue 33 , Volume -03	2017 - 2018	23945303
The Goddess of Solar Energy : Marichi	Tirthankar Bhattacharya	Department of Art History and Visual Arts	Printing Area International Multilingual Research Journal Issue 34 , Volume -04	2017 - 2018	23945303
An Early Buddhist Manuscript Painting : An Interpretation	Tirthankar Bhattacharya	Department of Art History and Visual Arts	Printing Area International Multilingual Research Journal Issue 35 , Volume -03	2017 - 2018	23945303
Like A Lotus Floating	Tirthankar Bhattacharya	Department of Art History and Visual Arts	Printing Area International Multilingual Research Journal Issue 37 , Volume -03	2017 - 2018	23945303
Alleged misuse of section 498 A,	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Printing Area: International Multilin	2017 - 2018	ISSN 2394-5303

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IPv6 Security Features, International Journal of Advance Research in Science and Engineering	Rajinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	Procedia - Social and Beha	2017 - 2018	IPv6 Security Features, International Journal of Advance Research in Science and Engineering, March 2018; 2319-8354
A New Labeled Flow-based DNS Dataset for Anomaly Detection: PUF Dataset	Rohini Sharma, R K Singla and Ajay Guleria	Department of Computer Science & Applications	Procedia Computer Science	2017 - 2018	1877-0509
Experimental Analysis of DDoS Attacks on OpenStack Platform	Veenu Mangat	University Institute of Engineering & Technology	Proceedings of 2nd International Conference on Communication, Computing and Networking pp 3–13	2017 - 2018	978-981-33-4909-4
EMF radiations (1800 MHz)-inhibited early seedling growth of maize (Zea mays) involves alterations in starch and sucrose metabolism	Kumar, A., Singh, H.P., Batish, D.R., Kaur,S., Kohli, R.K.	Department of Botany	Protoplasm a, 253 (4), pp. 1043-1049.	2017 - 2018	0033183X
Efficiency of Sub-National Public Expenditure in India: A Case of Punjab	Sawhney, Upinder, Nitin Arora and Deepak Vats	Department of Economics	PSE Economic Analyst, 32,77-98(2017)	2017 - 2018	ISSN 0972-379x
Association of vitamin B12 mediated hyperhomocysteinemia and Methylenetetrafolate reductase (C677T) gene polymorphism with Cognitive Impairment: A population based study from North India.	Kaur, Gurjinder, Gaur, Rajan , Yadav, Suniti , Nava, Kallur, & Saraswathy	Department of Anthropology	Psychiatry Research.PII: S0165-1781(17) 32287-4. DOI: https://doi.org/10.1016/j.psychres.2018.08.103	2017 - 2018	0165-1781 (print); 1872-7123 (web)
Revamping Agriculture Sector through Sustainable Methods for Irrigation with Usage of Solar Water Pumps: A Study of Punjab (First Author)	Dr. Navreet (Co-Author)	Department of Public Administration	Public Affairs and Governance	2017 - 2018	2321-2128
Freedom of Association and Effectual Recognition of the Right to Collective Bargaining: Indian Perspective	Prof. Ranbir Kaur Bhangu	Department of Laws	PULR	2017 - 2018	0971-5541
Law Relating to Insider Trading in India	Dr. Vandana A. Kumar	Department of Laws	PULR	2017 - 2018	0971-5541
Medical Negligence and Consumer Protection in India: A Legal Study	Dr. Jyoti Rattan	Department of Laws	PULR	2017 - 2018	0971-5541
Mercy Petitions and Delayed Disposal: A Critical Account of Judicial Safeguards in India	Prof. Ranbir Kaur Bhangu	Department of Laws	PULR	2017 - 2018	0971-5541

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Novarits Ag V. Union of India: The test of Novelty under the Patents Act, 1970 of India	Prof. Meenu Paul	Department of Laws	PULR	2017 - 2018	0971-5541
Rule of Purposive Construction: Recent Trends in Interpretation of Statues	Prof. Nishtha Jaswal	Department of Laws	PULR	2017 - 2018	0971-5541
Surrogacy (Regulation) Bill 2016: An Appraisal	Dr. Vandana A. Kumar	Department of Laws	PULR	2017 - 2018	0971-5541
Household level food security in Kandi Region of Punjab and Haryana States	Dhian Kaur	Department of Geography	Punjab Geographer	2017 - 2018	0973-3485
Resilient Cities	Gopal Krishan	Department of Geography	Punjab Geographer	2017 - 2018	0973-3485
Cross section measurements of radiative KL _{2,3} RRS in 24Cr and L ₃ M _{4,5} RRS in 59Pr for Mn K α _{1,2} X-rays, Rad. Phys. Chem. 135 (2017) 55-62	V. Sharma, A. Upmanyu, R. Singh, G. Singh, H. Sharma, S. Kumar and D. Mehta	Department of Physics	Radiation Physics and Chemistry	2017 - 2018	0969-806X
Rayleigh scattering of 66Dy-K X-rays in elements with 22 ≤ Z ≤ 90, Rad. Phys. Chem. 141 (2017) 257-263 Chemical state analysis of Cl K α and K β _{1,3} X-ray emission lines using polychromatic WDXRF spectrometer, Tejbir Singh and Nucl. Instr. And Meth. B 416 (2017) 62-67	Gurjot Singh, Arun Upmanyu, Prem Singh, H.S. Kainth, J. S. Shahi and Sanjeev Kumar Harpreet Singh Ka	Department of Physics	Radiation Physics and Chemistry, Volume 141, p. 257-263.	2017 - 2018	0969806X
Human Right to Primary Education in India Are we achieving the objective of RTE A study of Slum Children in the city of Ludhiana Punjab	Dr. Aman Amrit Cheema	P.U. Regional Centre, Ludhiana	Ram Manohar Lohiya National Law University Journal	2017 - 2018	0975-9549
Fabrication and stress analysis of ankle foot orthosis with additive manufacturing	Rajesh Kumar	University Institute of Engineering & Technology	Rapid Prototyping Journal 24/2 (2018) 301–312	2017 - 2018	13552546
Some Improved Mixed Regression Estimators and their comparison when disturbances follow multivariate t – distribution	Manoj Kumar, Vikas Bist and Man Inder Bajrah	Department of Statistics	RATIO MATHEMATICA	2017 - 2018	ISSN 12229016
Thymoquinone a potential therapeutic molecule from the plant Nigella sativa: role of colloidal carriers in its effective delivery. Recent patents on drug delivery & formulation.	Negi, P., Rathore, C., Sharma, G., Singh, B. & Katare, O.P.	University Institute of Pharmaceutical Sciences	Recent Patents on Drug Delivery & Formulation.	2017 - 2018	22124039, 18722113
A Study Of Teaching Competency Influencing Factors With Special Reference To Secondary Schools.	Dr. Simran Kaur	Department of Evening Studies	Remarking An Analisation	2017 - 2018	24558-0817
Article 35A of the Indian Constitution: A Constitutional Ignis fatuus; Remaking An Analisation	Prof. Devinder Singh	Department of Laws	Remarking An Analisation	2017 - 2018	2394-0344
Differential Effects of Experiential Learning Intervention and Traditional Classroom Approach on Scientific Attitude of Secondary School Students	Shivani & Dr. Rekha Rani	Institute Of Educational Technology & Vocational Education	Remarking an Analisation	2017 - 2018	2455-0817

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Receptiveness to change in Public and Private sector banks of Punjab	Rupinder Bir Kaur	University Business School	Remarking: An Analisation	2017 - 2018	2494-0344
Fabrication of Al2O3/MWCNT Composite	H. P. Singh, A. Chauhan, and P. Jindal	University Institute of Engineering & Technology	Res. J. Eng. Technol	2017 - 2018	0976-2973
QSAR Analysis on a series of Triazoles Based Tubulin polymerisation Inhibitors	Akanksha, Vikas Mehta , Richa Dhingra and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Research and Review a Journal of Bioinformatics	2017 - 2018	ISSN 2393-8722
2D QSAR Studies of Some Unsaturated 4-azasteroids as 5 α -Reductase Inhibitors	Priyanka, Richa, Monika and Neelima Dhingra	University Institute of Pharmaceutical Sciences	Research and Review a Journal of Drug Design and Discovery	2017 - 2018	ISSN 2349-9036
Preparedness of Prospective Teachers in Punjab	Mamta Garg & Gujrani, V	University School of Open Learning	Research Guru	2017 - 2018	2349-2660
Marital Rape in India: Legal Dimensions	Karan Jawanda	University Institute of Legal Studies	Research Guru, online journal of multidisciplinary subjects, Vol. 12, Issue 1d	2017 - 2018	ISSN 2349-266X
Trafficked Women: Issues, Rights and the Legal Regime	Shruti Bedi & Sugandha Passi	University Institute of Legal Studies	Research Guru, Vol. 12: Issue 1	2017 - 2018	ISSN 2349-266X
Distinction between Formal and Substantive equality: Illustration from Indian Law	Dr. A Kumar	University School of Open Learning	Research Highlights	2017 - 2018	ISSN: 2350-0611
Spatial Dimensions of Literacy among Religious Minorities in India	Ravinder Kaur	Department of Geography	Research Journal for Humanities, Science and English Language	2017 - 2018	ISSN-2349-9664
Diversity of Gastropods (Mollusca) and their correlation with quality of water in River Ghaggar (Panchkula, Haryana).	M Watts, R. Jindal, Maansi	Department of Zoology	Research Journal of Chemical and Environmental Sciences,	2017 - 2018	2321-1040
An Overview of Optimization Techniques Used for Friction Stir Welding Process Parameters,	Abhishek Chauhan	P.U. S.S. Giri Regional Centre, Hoshiarpur	Research Journal of Engineering & Technology, Vol.09, Issue 1, 2018, pp.21-26	2017 - 2018	0976-2973
Comparative Evaluation of Biomass mixtures for economic and optimal power generation in India.	Harkamal Preet Singh, Gurpreet Singh, Vinay Arora, Suman	P.U. S.S. Giri Regional Centre, Hoshiarpur	Research Journal of Engineering and Technology	2017 - 2018	0976-2973 (Print) 2321-581X (online)
Crane intelligence with remote monitoring via internet.	Harkamal Preet Singh, Gurpreet Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	Research Journal of Engineering and Technology	2017 - 2018	0976-2973 (Print) 2321-581X (online)
Effect of Nanoparticles based lubricants on static thermal behaviour of Journal bearings	Rajeev Kumar Dang	P.U. S.S. Giri Regional Centre, Hoshiarpur	Research Journal of Engineering and Technology, 2017, 149-153.	2017 - 2018	Print ISSN : 0976-2973. Online ISSN : 2321-581X.

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Phytochemical Screening and Antioxidant Activity of Heracleum afghanicum Kitamura leaves	Amini MH, Kalsi V, Kaur B, Gopal L Khatik,Lobo R, Singh G, Aghari UC, Yele S, Sutee A	University Institute of Pharmaceutical Sciences	Research Journal of Pharmacy and Technology	2017 - 2018	09743618, 0974360X
Parkh	Dr. Parveen Kumar	University School of Open Learning	Research Journal of Punjabi Language and Literature	2017 - 2018	2320-9690
Analysis of Short-Term and Long-Term Linkage of S&P BSE Oil and Gas Index with Selected International Indices, 11 (1): 1-7 (2017).	Dr.Nishi Sharma	University Institute of Applied Management Sciences	Research Paper	2017 - 2018	0973-6328
Co-integration and Causality among Stock Prices, Oil Prices and Exchange Rate: Evidence from India, 12 (1): 167-174 (2017).	Dr.Nishi Sharma	University Institute of Applied Management Sciences	Research Paper	2017 - 2018	0973-2675
Comparative Analysis of Conditional Volatility of Indian and Chinese Stock Market, 8 (1): (2017).	Dr.Nishi Sharma	University Institute of Applied Management Sciences	Research Paper	2017 - 2018	2229-4791
Ageing -An Overview	Amandeep Singh	Department of Evening Studies	Research Review International Journal of Multidisciplinary	2017 - 2018	2455-3085
Building as learning aid interventions and learning outcomes of grade-III primary school students	Kaur, K.	Institute Of Educational Technology & Vocational Education	Research Review International Journal of Multidisciplinary	2017 - 2018	2455-3085
Blogging and Ambedkar Idea of Freedom of Speech	Ms. Ravinder Kaur	University School of Open Learning	Research Review Journal	2017 - 2018	2455-3085
MANAGING CUSTOMER BASED BRAND EQUITY IN INDIAN TELECOMMUNICATION SECTOR: AN EMPIRICAL STUDY	Monica Bedi	University Business School	Researchers World- Journal of Arts Science and Commerce	2017 - 2018	22314172
Primary school teachers’ attitudes towards inclusive education.	Grover, J.	Department of Education	Researcher's World: Journal of Arts, Science and Commerce, 8(3), 26-34.	2017 - 2018	2231-4172
Organisational Commitment and Psyshological Strain among high school teacher.	Dr. Amritpal Kaur	Institute Of Educational Technology & Vocational Education	Review of Research, Vol.7	2017 - 2018	2249-894X
Surveillance, Technology and Privacy	Prof. Nishtha Jaswal	Department of Laws	RGNUL	2017 - 2018	22314938
‘Bar Dancing’ as an Employment- Legal and Moral Issues	Dr. Shipra Gupta	Department of Laws	RGNUL Law Review	2017 - 2018	2231-4938
The Fundamental and Human Right to Religion and Pilgrimage viz a viz Right to Clean Environment An International and National Perspective	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	RGNUL Law Review	2017 - 2018	2231-4938
Transnational Corporations and States Legalities and Liaisons	Dr. Dinesh Kumar	Department of Laws	RGNUL Law Review (RLR), Journal of Rajiv Gandhi National University of Law	2017 - 2018	2231-4938

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Human Rights Obligations of Transnational Corporations with Special Reference to Plachimada Case	Dr. Dinesh Kumar	Department of Laws	RGNUL Law Review, Vol. VII, No. II	2017 - 2018	2231-4938
The Fundamental & amp; Human Right to Religion and Pilgrimage viz-a-viz Right to Clean Environment: An International and National Perspective	Dr. Ashish Virk	P.U. Regional Centre, Ludhiana	RGNUL Law Review, Vol.VII, No. II,	2017 - 2018	2231-4938
Human right to Primary Education In India; Are we Achieving the Objective of RTE: A Study of slum Children in the city of Ludhiana, Punjab	Dr. Aman A Cheema	P.U. Regional Centre, Ludhiana	RMLNLU Journal	2017 - 2018	0975-9549
Rasa Theory with Reference to Bharata's Natyashatra	Dr. Navdeep Kaur	Department of Indian Theatre	ROYAL	2017 - 2018	2278-8158
An immunochromatographic dipstick as an alternate for monitoring of heroin metabolites in urine samples. RSC Advances: 8, 23163-23170	Mishra, P., Capalash, N., Sharma,P., Suri, CS., Gandhi,S. (2018)	Department of Microbiology	Royal Society of Chemistry	2017 - 2018	0260-6291
Solar light driven photocatalytic degradation of levofloxacin using TiO2/Carbon-dots nanocomposite	(S. Sharma, A.Umar, S.K.Mehta, A.O. Ibhadon, S.K. Kansal)	Department of Chemistry	RSC Adv	2017 - 2018	1144-0546
Molecular keypad controlled circuit for Ce(III) and NO3– ions recognition by μw synthesized silicon-embedded organic luminescent sensor	Gurjaspreet singh	Department of Chemistry	RSC Advance	2017 - 2018	2046-2069
An immunochromatographic dipstick as an alternate for monitoring of heroin metabolites in urine samples	Mishra P, Banga I, Tyagi R, Munjal T, Goel A, Capalash N, Sharma P, Suri C.R and Gandhi S	Department of Biotechnology	RSC Advances	2017 - 2018	2046-2069
Expeditious isomerization of glucose to fructose in aqueous media over sodium titanate nanotubes	Sandeep Kumar, Devadutta Nepak, Sushil Kumar Kansal and Sasikumar Elumalai	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	RSC Advances	2017 - 2018	2046-2069
Higher order structures involving post transcriptionally modified nucleobases in RNA	Preethi S. P., Purshotam Sharma* and Abhijit Mitra*	Department of Chemistry	RSC advances	2017 - 2018	2046-2069
Microwave irradiation: a green approach for the synthesis of functionalized N-methyl-1,4- dihydropyridines	M. Musawwer Khan, Saigal, Sarfaraz Khan, SumbulunnisanShareef and Subash C. Sahoo	Department of Chemistry	RSC Advances	2017 - 2018	2046-2069
Quantitative measurement of transport properties: Ag-doped nanocrystalline CdS thin films 7 (2017) 53951-53962	Baljinder Singh, Janpreet Singh, Ramneek Kaur, R.K. Moudgil, S.K. Tripathi	Department of Physics	RSC Advances	2017 - 2018	2046-2069

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Naxalism & Political Violence: A Gandhian Solution	Dr. Ashu Pasricha	Department of Gandhian and Peace Studies	Ruminations A Peer-Reviewed Bi-Annual International Journal for Analysis and Research in Humanities and Social Sciences	2017 - 2018	2229-6751
Sukhwinder Amrit di Kavita	Yog Raj	School of Punjabi Studies	Samdarshi	2017 - 2018	2581-3986
Samkali Punjabi Kavita da Nav Dalit Kaav-Bodh: Aa Rhe Badlav	Prof.Yog Raj	School of Punjabi Studies	Samvaad, Saal:3-Ank	2017 - 2018	2395-1273
Primary Education : Failure and Challenges	Neeraj Jain	Department of Evening Studies	Sanskar Chetna	2017 - 2018	23474041
Role of Media in Socio-Economic Welfare with special Reference to India	Dr. Sukhvir Kaur	P.U. S.S. Giri Regional Centre, Hoshiarpur	Sanskar Chetna, International refereed Journal	2017 - 2018	ISSN No 2347-4041
Diffusion of Durable Consumer Goods in Rural India: Variations Across Classes and States by H.S. Shergill	Shergill,H.S.	Department of Economics	Sarvekshana, 105th issue, Journal of NSSO.	2017 - 2018	ISSN 2249-197X
Adenomatoid odontogenic tumour: An enigma.	Simranjit Singh	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Saudi Dental Journal	2017 - 2018	ISSN 1013-9052
A Sociological Analysis of Alcohol & Tobacco Impact of Family: Case Studies Conducted on Labour Residing on Industrial Area of Baddi, Himachal Pradesh	Dr. Monica Munjial Singh, Viney Dhiman	Centre for Social Work	Saudi Journal of Humanities and Social Sciences (SJHSS)	2017 - 2018	2415-6256
A journey inside customer expectations and experiences with HPTDC hotels in Himachal Pradesh	Neeraj Aggarwal&Pankaj Sharma	University Institute of Hotel and Tourism Management	Scholarly Research journal for humanity science & English language	2017 - 2018	2348-3083
A critical study of recruitment process and its impact on HR strategies of employee- retention in hospitality industry of Garhwal and Kumaun region of Uttrakhand	Neeraj Aggarwal &Kumar satyam	University Institute of Hotel and Tourism Management	Scholarly research journal for interdisciplinary studies	2017 - 2018	2278-8808
Assessing Consumers Adoption Of Self Service Banking In India: Gender Differences	Purva Kansal & Sandeep Walia	University Business School	Scholarly Research Journal for Interdisciplinary Studies	2017 - 2018	2278-8808,
Relationship between intellectual capital and intrapreneurship development: An empirical study of selected information technology sector of northern india	Prof. deepak kapur, prof. luxmi malodia & sumit goklaney	University Business School	scholarly research journal for interdisciplinary studies	2017 - 2018	2278-8808
Selfie Ideation and Self Esteem Among Adolescents : A Comparative Analysis	Roshan Lal and Shikha Garg	Department of Psychology	Scholarly Research Journal for Interdisciplinary Studies	2017 - 2018	2278-8808
Saliva a diagnostic tool in assessment of lipid profile	Dr. Vandana Chhabra	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	Scholars Academic Journal of Biosciences	2017 - 2018	2321-6883

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Role of ethics in ethical leaders behavior at workplace: An analytical review	Prof. Luxmi and Sneha	University Business School	Scholarly research journal for humanity science and english language	2017 - 2018	2348-3083
Mandatory publications – An approach to kill ‘lack of will’ or ‘lack of skill’?	Dehal,N, Krishan, K, Kanchan, T, Singh, J.	Department of Anthropology	Sci Eng Ethics	2017 - 2018	13533452, 14715546
ATM Card Cloning and Ethical considerations	S.K.Sharma, Paramjit Kaur, Kewal Krishan et.al	Department of Statistics	Science and Engineering Ethics	2017 - 2018	13533452, 14715546
Plagiarism in student research - Responsibility of the supervisors and suggestions to ensure plagiarism free research,	Krishan, K, Kanchan, T, Baryah, N, & Mukhra, R.	Department of Anthropology	Science and Engineering Ethics, 23(4):1243-1246,	2017 - 2018	13533452, 14715546
Euthanasia: Global Scenario and Its Status in India	Shekhawat, R,S, Kanchan, T, Setia,P, Atreya,A, & Krishan, K.	Department of Anthropology	Science and Engineering Ethics, 24(2):349-360.	2017 - 2018	13533452, 14715546
Role of alkyl silatranes as plant growth regulators: comparative substitution effect on root and shoot development of wheat and maize	Gurjaspreet Singh,Geetika Sharma, Sanchita, Pooja Kalra, Daizy Rani Batish and Vikas Verma	Department of Chemistry	Science of food and agriculture	2017 - 2018	10970010, 00225142
SBA-15-supported copper (II) complex: An efficient heterogeneous catalyst for azide-alkyne cycloaddition in water, Scientia Iranica,	Mojtaba Bagherzadeh, Hamed Mahmoudi, Mojtaba Amini, Sanjeev Gautam, Keun Hwa Chae	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Scientia Iranica	2017 - 2018	1026-3098
Alanine mutation of the catalyticsites of pantothenate synthetase causes distinct conformational changes in the ATP binding region	Bharati Pandey, Sonam grover.....Jagdeep kaur, Abhinav Grover	Department of Biotechnology	Scientific reports	2017 - 2018	2045-2322
De novo characterization of Phenacoccus solenopsis transcriptome and analysis of gene expression profiling during development and hormone biosynthesis	Arya, S. K., Dhar, Y.V. Upadhyay, S. K. and Asif M.H., Verma, P.C.	Department of Botany	Scientific Reports	2017 - 2018	NA
Exploring drying pattern of a sessile droplet of genomic DNA in the presence of hematite nanoparticles	(Rekha Bhar, G.Kaur and S.K.Mehta)	Department of Chemistry	Scientific Reports	2017 - 2018	2045-2322
Gene expression-based biomarkers for discriminating early and late stage of clear cell renal cancer’, Scientific Reports 7, Article number: 44997	Prof. S.K.Sharma	Centre for System Biology & Bioinformatics	scientific reports	2017 - 2018	doi: 10.1038/srep44997

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Immunoprotective potential of BamA, the outer membrane protein assembly factor, against MDR Acinetobacter baumannii. Scientific Reports DOI: 10.1038/s41598-017-12789-3	Singh R, Capalash N, Sharma P (2017)	Department of Microbiology	Scientific Reports	2017 - 2018	2045-2322
Reference genes validation in Phenacoccus solenopsis under various biotic and abiotic stress conditions	Dr. S.K. Upadhyay	Department of Botany	Scientific Reports	2017 - 2018	2045-2322
Reference genes validation in Phenacoccus solenopsis under various biotic and abiotic stress condtions	Arya, S. Jain, G. Upadhyay, S. K., Dixit, S., Singh and H. Verma, P.C.	Department of Botany	Scientific Reports	2017 - 2018	2045-2322
Schizophyllum communeinduced genotoxic and cytotoxic effects in Spodoptera litura.	Dr. Ramandeep Kaur	Department Cum National Centre for Human Genome Studies & Research	Scientific Reports	2017 - 2018	2045-2322
Curcumin alleviates persistence of Acinetobacter baumannii against colistin	Kaur A, Sharma P and Capalash N	Department of Biotechnology	Scinetific reports	2017 - 2018	2045-2322
New uni-parametric family of multipoint methods with memory for systems of nonlinear equations.	Saurabh Bhatia	University Institute of Engineering & Technology	SeMA J. 74	2017 - 2018	2281-7875
Study of interaction mechanism of metalphthalocyanines dispersed sol-gel glasses with chemical vapours	R. Ridhi, G.S.S. Saini, S.K. Tripathi	Department of Physics	Sensors and Actuators B	2017 - 2018	0925-4005
Drug and nanoparticle mediated rapid naked eye water test for pathogens detection	Rajesh Kumar	University Institute of Engineering & Technology	Sensors and Actuators B 262 (2018) 603–610	2017 - 2018	9254005
Copper based facile, sensitive and low cost colorimetric assay for ampicillin sensing and quantification in nano delivery system	Nishima	University Institute of Engineering & Technology	Sensors and Actuators B: Chemical	2017 - 2018	ISSN: 09254005
Coumarin–derived Organosilatrane: Functionalization at magnetic silica surface and selective recognition of Hg ²⁺ ion	gurjaspreet singh	Department of Chemistry	Sensors and Actuators B: Chemical	2017 - 2018	0925-4005
Tricyclic Dihydropyrimidine-Based Multifunctional Organic Nanoparticles for Detection of Ag (I) Ions and Spermidine: Real-Time Application	Gaganpreet Kaur, Tilak Raj, Sonal Singhal, Navneet Kaur	Department of Chemistry	Sensors and Actuators B:Chemical	2017 - 2018	0925-4005
Enhanced visible light driven photocatalytic application of Ag ₂ O decorated ZnO nanorod heterostructures	Randeep Lamba, Ahmad Umar, S. K. Mehta, Sushil Kumar Kansal	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Separation and Purification Technology	2017 - 2018	1383-5866
Angole Ithasik Jatharath da galap bodh	Dr.Gurjit Singh	P.U. Rural Centre, Kauni, Muktsar	<i>Shabad</i>	2017 - 2018	22785167
Vyangya Vidha Mein Samajik Chetna	Dr. Ashok Kumar	Department of Hindi	Shodh Disha	2017 - 2018	0975-735X

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Macérer en sacrifice: Au regard Diderotien	Mayank Anand (Research Scholar)	Department of French & Francophone Studies	Shodh Drishti An International Peer Reviewed Refereed Research Journal, Vol.7	2017 - 2018	0976-6650
Dieu chez Diderot	Mayank Anand (Research Scholar)	Department of French & Francophone Studies	Shodh Drishti: An International Peer Reviewed Refereed Research Journal, Vol.8	2017 - 2018	na
A Demographic Comparison of India and China.	Dr. Simran Kaur	Department of Evening Studies	Shrinkhla Ek Shodhparak Vaicharik Patrika	2017 - 2018	2349-980X
A Quantitative Analysis of Trade Linkage and Financial Integration between India and Europe(Germany and UK).	Dr. Simran Kaur	Department of Evening Studies	Shrinkhla Ek Shodhparak Vaicharik Patrika	2017 - 2018	2349-980X
Continuous Professional Improvement As Quality Learning Metaphor for Teachers : Shrinkhla Ek Shodhparak Vaicharik Patrika,	Prof.Prabha Vig	Department of Lifelong Learning & Extension	Shrinkhla Ek Shodhparak Vaicharik Patrika	2017 - 2018	2321-290X
Schiff Based Silatranyl Compounds Exhibiting 'Fe3+ and Mn2+ Fluorescence Dual Ion Sensing and Antibacterial Activity	Gurjaspreet Singh, Jasbinder Singh, Jandeep Singh, Akshpreet Singh, Kshitiz Gupta, Sanjay Chhib	Department of Chemistry	Silicon	2017 - 2018	
Schiff Based Silatranyl Compounds Exhibiting 'Fe3+ and Mn2+ Fluorescence Dual Ion Sensing and Antibacterial Activity'	Gurjaspreet singh	Department of Chemistry	silicon	2017 - 2018	1876-9918
Spatial pattern of ground water level changes in the irrigated agricultural region of Bist Doab, Punjab, India	Dhian Kaur	Department of Geography	Singapore Journal of Tropical Geography	2017 - 2018	14679493, 01297619
Introduction to LI-FI and its advantages over Wi Fi	Mr.Naveen Dogra	P.U. S.S. Giri Regional Centre, Hoshiarpur	SKANDA Journal of Humanities and Social Sciences	2017 - 2018	2454-5325
HINDI SHIKSHA ME DHAWANI VIGIAN KI BHUMUKA AUR MAHTA	RAJESH KUMAR MISHRA	P.U. Regional Centre, Muktsar	SOCIAL SCIENCE REPORTER	2017 - 2018	2231-0789
Solar assisted degradation of carbendazim in water using clay beads immobilized with TiO ₂ & Fe doped TiO ₂	Taranjeet Kaur, Abhishek SrawAmrit Pal Toor & R.K. Wanchoo	Dr SS Bhatnagar University Institute of Chemical Engg. & Tech.	Solar Energy	2017 - 2018	0038-092X
Climate change policy of India: modifying the environment	Dr. Rajnish Saryal	P.U. Regional Centre, Ludhiana	South Asia Research	2017 - 2018	0262-7280
ELECTORAL POLITICS IN INDIAN PUNJAB: A NEW PHASE?	Prof. Ashutosh Kumar	Department of Political Science	South Asia Research	2017 - 2018	

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Awareness of maternal health policies and birth preference practices among rural Khasi women of Umsaw Nongbri Village, RiBhoi District, Meghalaya.	Jha, Nutan Kumari, Singh,Rajnish Kumar , & Sinha,A.K	Department of Anthropology	South Asian Anthropologist	2017 - 2018	0257-7348
Contraceptives and acceptance of spacing methods of family planning in two villages of Palampur Block, Kangra District, Himachal Pradesh.	Kaur, Tejinder , &. Sinha, A.K	Department of Anthropology	South Asian Anthropologist. 18(1): 11-17.	2017 - 2018	0257-7348
The State of Autonomy of Reserve Bank of India (Book Review).	Arora, N. and Gill, H.K.	Department of Economics	South Asian Journal of Macroeconomics and Public Finance	2017 - 2018	SSN: 2277-9787 Online ISSN: 2321-0273
New approach for the quantification of metallic species in healthcare products based on optical switching of a Schiff base possessing ONO donor set	Singh, J., Parkash, J., Kaur, V., Singh, R.	Department of Chemistry	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 185, pp. 263-270	2017 - 2018	1386-1425
Analysis of laser-printer and photocopier toners by spectral properties and chemometrics	VISHAL SHARMA	Institute of Forensic Science & Criminology	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2017 - 2018	13861425
Multivariate analysis for characterization, discrimination and classification of marker pen inks in forensic examination	VISHAL SHARMA	Institute of Forensic Science & Criminology	Spectroscopy Letters	2017 - 2018	00387010, 15322289
Managing Newspaper clippings in print media libraries	Prof. Preeti Mahajan	Department of Library & Information Science	SRELS Journal of Information Management	2017 - 2018	0976-2477
Ranking of Indian Universities in Social Sciences: A scientometric analysis.	Jivesh Bansal, Madhu Bansal & B.M. Gupta	A C Joshi Library	SRELS Journal of Information Management	2017 - 2018	0972-2467
Synthesis of androstene oxime-nitrogen mustard bioconjugates as potent antineoplastic agents.	Pratap Chandra Acharya, Ranju Bansal	University Institute of Pharmaceutical Sciences	Steroids	2017 - 2018	0039128X, 18785867
‘State Formation and Political Integration: Subordinate Rulers under the Guptas in Central India’	Dr. Ashish Kumar	Department of History	Studies in People’s History, Vol. 4, Issue. 2	2017 - 2018	2348-4489 (print) 2349-7718 (web)
In Pursuit of Strengthening the Canada	Shukla, Surinder K	University School of Open Learning	Studies on Respiratory Disorders	2017 - 2018	2197-7232
Sedition in Liberal Democracies	Lallan Singh Baghel	Department of Philosophy	Summerhill IIAS Review Vol. XXIII, No. 2, Winter 2017	2017 - 2018	ISSN: 0972-145
Assessment of water quality of river Sutlej, Punjab (India).	C Sharma, R Jindal, U B Singh, A S Ahluwalia.	Department of Zoology	Sustainable Water Resources Management,	2017 - 2018	2363-5037

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Stereoselective synthesis of novel monocyclic trans-3-halogenated-4-pyrazolyl- β -lactams: potential synthons and promising biologically active agents	Aman Bhalla* (Corresponding Author) Shiwani Berry, S. S. Bari, Bimal K. Banik	Department of Chemistry	Synth. Commun.	2017 - 2018	0039-7911
Diastereoselective synthesis of novel 3-aryloxy/alkoxy-4-benzothiazolylpyrazolyl- β -lactams: potential synthons for novel aminoacids/nanocopolymers	Aman Bhalla* (Corresponding Author) , Jitender Bhalla, S. S. Bari, Bimal K. Banik	Department of Chemistry	Synthetic Communications	2017 - 2018	0039-7911
Diastereoselective synthesis of novel 3-aryloxy/alkoxy-4-benzothiazolylpyrazolyl- β -lactams: Potential synthons for novel aminoacids/nanocopolymers Synth. Commun	Bhalla, J.; Bari, S. S.; Banik, B. K.; Bhalla, A	Department of Chemistry	Synthetic Communications	2017 - 2018	0039-7911
Facile Synthesis of Novel α -Methylene-pyrazole-carboxylate Substituted Imines and trans- β -Lactams: Versatile Synthons for Diverse Heterocyclic Molecules	Aman Bhalla*(Corresponding Author) Qudrat Hundal, Shiwani Berry, Dipika Narula, Shamsher S. Bari	Department of Chemistry	Synthetic Communications	2017 - 2018	0039-7911
One-pot practical method for synthesis of functionalized 4H-chromen-5-one derivatives under catalyst and solvent-free conditions	M. Musawwer Khan, BiswasSaigal, SumbulunnisanShareef, Sarfaraz Khan & Subash C. Sahoo	Department of Chemistry	Synthetic Communications, 2018, 48:20, 2683-2694	2017 - 2018	0039-7911
Paenibacillus ihbetae sp. nov., a cold-adapted antimicrobial producing bacterium isolated from high altitude Suraj Tal Lake in the Indian trans-Himalayas	Prof. Rupinder Tewari	Department of Microbial Biotechnology	Systematic and Applied Microbiology	2017 - 2018	0723-2020
THE RIGHT TO FREEDOM OF ASSOCIATION: NEED FOR INDIA TO RATIFY ILO CONVENTION NO. 87	Vibhuti Nakta	Department of Laws	THE WORLD JOURNAL ON JURISTIC POLITY	2017 - 2018	2 3 9 4 - 5 0 4 4
Electrochemical determination of M. tuberculosis antigen based on Poly(3,4-ethylenedioxythiophene) and functionalized carbon nanotubes hybrid platform.	Dr. Dipti Sareen	Department of Biochemistry	Talanta	2017 - 2018	0039-9140 (print) 1873-3573 (web)
Electrochemical determination of M. tuberculosis antigen based on Poly(3,4-ethylenedioxythiophene) and functionalized carbon nanotubes hybrid platform.	Dr. Nirmal Prabhakar	Department of Biochemistry	Talanta	2017 - 2018	0039-9140 (print) 1873-3573 (web)
Waste derivitized blue luminescent carbon quantum dots for selenite sensing in water	Devi, P., Kaur, G., Thakur, A., Kaur, N., Grewal, A., Kumar, P	Department of Chemistry	talanta	2017 - 2018	0039-9140

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Molecular characterization and differential expression suggested diverse functions of P-type II Ca ²⁺ + ATPases in <i>Triticum aestivum</i> L.	Taneja, M. and Upadhyay, S. K.	Department of Botany	Taneja and Upadhyay BMC Genomics (2018) 19:389	2017 - 2018	NA
7. Practical Vedanta and the Dharma-Centric Meanings of Bharat	Sudhir Kumar	Department of Evening Studies	Tattva-Sindhu	2017 - 2018	2349-1426
Performance analysis of FBMC-CR through optimization: tradeoff between various performance parameters in the cognitive radio environment (2017) Telecommunication Systems	Kang, A.S., Vig, R.	University Institute of Engineering & Technology	Telecommunication Systems	2017 - 2018	1018-4864
Design and implementation of efficient analysis and synthesis QMF bank for multicarrier cognitive radio communication	Kang, A.S., Vig	University Institute of Engineering & Technology	Telkomnika (Telecommunication Computing Electronics and Control)	2017 - 2018	16936930, 2087278X
Carbon dots as analytical tools for sensing of thioredoxin reductase and screening of cancer cells	Sidhu, J.S., Singh, A., Garg, N., Kaur, N., Singh, N.	Department of Chemistry	The analyst	2017 - 2018	0003-2654
‘Politics Of Performance’?	Prof. Ashutosh Kumar	Department of Political Science	The Book Review	2017 - 2018	
Long-term analysis of trend and variability in annual rainfall in Punjab and Himachal Pradesh	Manu Raj Sharma, Karanjot Kaur Brar, Vishwa Bandhu Singh Chandel	Department of Geography	The Deccan Geographer	2017 - 2018	ISSN-0011-7269
Impact of CSR reporting on customers of select public & private sector banks in India	Lipika	University Institute of Hotel and Tourism Management	The Diviner: A research Journal of Humanities& Social Sciences	2017 - 2018	0973-8320
Alignment of L 3 subshell vacancy states created without Coster–Kronig decay through the selective photoionization in ⁸² Pb, ⁹⁰ Th and ⁹² U and effect of external magnetic field	Gurjeet Singh, Gurjot Singh, Arun Upmanyu, Harpreet S Kainth, Sanjeev Kumar, Devinder Mehta	Department of Physics	THE EUROPEAN PHYSICAL JOURNAL D	2017 - 2018	.
Motor Vehicle Theft in Ludhiana City : A Spatial Analysis	Ravinder Kaur	Department of Geography	The Indian Police Journal	2017 - 2018	ISSN 0537-2429
Perception of Women Inmates about living Conditions in Prisons	Mahajan, Madhurima	University School of Open Learning	THE INDIAN POLICE JOURNAL	2017 - 2018	ISSN No. - 0537-2429
Comparative Evaluation of Fracture Strength of Different Types of Composite Core Build-up Materials: An in vitro Study	Lalit Kumar	Dr Harvansh Singh Judge Institute of Dental Sciences & Hospital	The Journal of Contemporary Dental Practice	2017 - 2018	eISSN: 1526-3711
Integrating a profile of frontal face with its mirror image for facial reconstruction.	Kaur,P, Krishan, K, Sharma S.K,& Kanchan ,T.	Department of Anthropology	The Journal of Craniofacial Surgery	2017 - 2018	1049-2275
Development of Human Face literature database using Text Mining Approach- Phase I.	Kaur,P, Krishan, K, & Sharma, S.K.	Department of Anthropology	The Journal of Craniofacial Surgery, Jun;29(4):966-969.	2017 - 2018	1049-2275

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Sulforaphane attenuates postnatal proteasome inhibition and improves spatial learning in adult mice.	Prof. Rajat Sandhir	Department of Biochemistry	The Journal of Nutritional Biochemistry	2017 - 2018	9552863
Intravaginal delivery approaches for contraception: an overview with emphasis on gels	Sonia Gupta and Vijay Prabha	Department of Microbiology	The Journal of Pharmacy and Pharmaceutical Sciences	2017 - 2018	14821826
Photochemical mapping of the multimodal plasmonic response of 2D gold crystals	Jadab Sharma	Centre for Nanoscience and Nanotechnology	The Journal of Physical Chemistry	2017 - 2018	1089-5639
Conflict in the Mechanism and Kinetics of the Barrierless Reaction Between SH and NO2 Radicals,Journal of Physical Chemistry A, 122, 1926-1937, 2018.	Ramanpreet Kaur and Vikas	Department of Chemistry	The journal of physical Chemistry A	2017 - 2018	1089-5639
Genetic algorithm-based cost minimization pricing model for on-demand IaaS cloud service	Sahil Kansal, Harish Kumar, Sakshi Kaushal and Arun Kumar Sangaiah	University Institute of Engineering & Technology	The Journal of Supercomputing volume 76, pages1536–1561 (2020)	2017 - 2018	1536–1561
Ex situ conservation of floriculturally and medicinally important endangered orchid, Coelogyne cristata Lindl	Kaur, S., Pathak, Promila, Prakash, Ankush, Anamika, and Sharma, Aakanksha	Department of Botany	The Journal of The Orchid Society of India	2017 - 2018	0971-5371
Leaf micromorphology of some Habenaria Willd. Ssensu Lato (Orchidaceae) species from Western Himalaya	Verma, Jagdeep, Kranti Thakur, Kusum, Jaspreet Kaur Sembi and Promila Pathak.	Department of Botany	The Journal of The Orchid Society of India	2017 - 2018	ISSN: 0971-5371
Regeneration competence of an ornamentally important epiphytic orchid, Rhynchostylis gigantea (Lindl.) Ridl. through leaf segments: A study in vitro	Pathak, Promila, Verma, Shivani Prakash, Ankush and Mahant, K. C.	Department of Botany	The Journal of The Orchid Society of India	2017 - 2018	0971-5371
Regeneration competence of Dendrobium nobile Lindl. through pseudobulb segments	Anuprabha, Pathak, Promila, Prakash, Ankush and Kumar, Jitender	Department of Botany	The Journal of The Orchid Society of India	2017 - 2018	0971-5371
Symbiotic Seed Germination of Aerides multiflora Roxb. – A Study in vitro	Bhatti, Sayeeda Kousar, Verma, Jagdeep, Sembi, Jaspreet, K. & P. Pathak	Department of Botany	The Journal of The Orchid Society of India	2017 - 2018	ISSN: 0971-5371
Symbiotic seed germination of Aerides multiflora Roxb.- A study in vitro	Bhatti, S. K., Jagdeep Verma, J., K. Sembi, and Promila Pathak.	Department of Botany	The Journal of The Orchid Society of India	2017 - 2018	0971-5371

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
GBD 2016 Healthcare Access and Quality Collaborators Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016	GBD, Healthcare Access and Quality Collaborators (Kewal Krishan is one of the Author)	Department of Anthropology	The Lancet	2017 - 2018	0140-6736
Student Satisfaction As determinant of academic success of distance learners	Mamta Garg & Kaur A	University School of Open Learning	The Online journal of Distance Education and e-learning	2017 - 2018	
Lifestyle and related genetic variations influence susceptibility towards Essential Hypertension	Dr. Shashi Chaudhary	Department Cum National Centre for Human Genome Studies & Research	THE PHARMA INNOVATION JOURNAL	2017 - 2018	2349-8242
Hydrophilic Surface Protein A (HASPA) of Leishmania donovani: Expression, Purification and Biophysico-Chemical Characterization	Kumar M, Ranjan K, Singh V, Pathak C, Pappachan A, Singh DD	Department of Biotechnology	The Protein Journal	2017 - 2018	1572-3887
Induction of Metallothionein in Rat Liver by Zinc Exposure: A Dose and Time Dependent Study	Garla R, Kango P, Gill NK, Garg ML	Department of Biophysics	The protein journal	2017 - 2018	ISSN:1572-3887
Hybrid culture and the Armenian community in India: Crossbreeding and Extinction	Dr. Harpreet K Vohra	P.U. Regional Centre, Ludhiana	The Scholastic Forum	2017 - 2018	2359-0089
Narratives of Sikh Faith and Identity	Jagtej Kaur Grewal	Department of Art History and Visual Arts	The Sikh Review	2017 - 2018	0037-5128
Investigating motivations of domestic tourist participating in adventure activities in Manali	Prashant Kumar Gautam and Arun Singh Thakur	University Institute of Hotel and Tourism Management	Tourism Innovations	2017 - 2018	ISSN 22788379
The Role of Food Tours in Promoting Local Food: A Study of Shimla	Prashant Gautam	University Institute of Hotel and Tourism Management	Tourism Innovations	2017 - 2018	2278-8379
Book Review on the topic Heritage Tourism	Neeraj Aggarwal	University Institute of Hotel and Tourism Management	Tourism Innovations Vol. 7 August 2017. UGC Approved 64998.	2017 - 2018	2278-8379
Conceptualization of Rural Tourism and Its Status in Himachal Pradesh	Amit Katoch & Prashant Kumar Gautam	University Institute of Hotel and Tourism Management	Tourism Spectrum	2017 - 2018	ISSN 23952849
Safety evaluation and invitro antioxidant activity of exopolysaccharide produced by an indigenous species of Pleurotus pulmonarius RDM9 , Toxicology international, 25(1): 40-47. ISSN: 0971-6580. Publisher: Informatics Publishing Limited and The Society of Toxicology, India	Deepika Malik, Deepak K. Rahi and Vijay Prabha	Department of Microbiology	Toxicology international	2017 - 2018	9716580
Anion sensing with chemosensors having multiple -NH recognition units	Kaur, N., Kaur, G., Fegade, U.A., Singh, A., Sahoo, S.K., Kuwar, A.S., Singh, N.	Department of Chemistry	TrAC - Trends in Analytical Chemistry, Volume Page No. 95, 86,	2017 - 2018	0165-9936

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Chemometrics in Forensic Science	VISHAL SHARMA	Institute of Forensic Science & Criminology	TrAC Trends in Analytical Chemistry	2017 - 2018	0165-9936
Engineering design and mechanistic mathematical models: Standpoint on cutting edge drug delivery	Shweta Sharma	Institute of Forensic Science & Criminology	TrAC Trends in Analytical Chemistry	2017 - 2018	0165-9936
Trace elemental analysis of human breast cancerous blood by advanced PC-WDXRF technique, Nucl. Instr. And Meth. B 419 (c) (2018) 44-48.	Ranjit Singh, Harpreet Singh Kainth, Puneet Prasher and Tejbir Singh	Department of Physics	Trace Elements and Its Effects on Human Health and Disease	2017 - 2018	1689002
Fabrication characteristics and tensile strength of novel Al2024/SiC/red mud composites processed via stir casting route	Dr.Jaswinder Singh	P.U. S.S. Giri Regional Centre, Hoshiarpur	Transactions of Nonferrous Metals Society of China	2017 - 2018	1003-6326
Organisation of Space for Administration: Presidential Address	Surya Kant	Department of Geography	Transactions of the Institute of Indian Geographers	2017 - 2018	9709851
Current scenario in organophosphates detection using electrochemical biosensors.	Dr. Nirmal Prabhakar	Department of Biochemistry	Trends in Analytical Chemistry	2017 - 2018	0165-9936
Wear Response of Aluminium 6061 Composite Reinforced with Red Mud at Elevated Temperature	Rajeev Kumar Dang	P.U. S.S. Giri Regional Centre, Hoshiarpur	Tribology in Industry 39, no. 3 (2017): 391	2017 - 2018	3548996
Proteomic analysis of differentially expressed proteins in vitreous humor of patients with retinoblastoma using iTRAQ-coupled ESI-MS/MS approach	Dr. Navneet Agnihotri	Department of Biochemistry	Tumor Biology	2017 - 2018	1010-4283
Implications of ‘Crosspathy’ in Medical Termination of Pregnancy	Dr. Shipra Gupta	Department of Laws	UILS Journal	2017 - 2018	2229-3906
Formulation and physiochemical study of α -tocopherol based oil in water nanoemulsion stabilized with non toxic, biodegradable surfactant: Sodium stearyl lactate.	6. Khushwinder Kaur*, Raj Kumar, S.K. Mehta	Department of Chemistry	Ultrasonic sonochemistry	2017 - 2018	1350-4177
Ultrasound processed nanoemulsion: A comparative approach between resveratrol and resveratrol cyclodextrin inclusion complex to study its binding interactions, antioxidant activity and UV light stability	5. Raj Kumar, Khushwinder Kaur*, Shivani Uppal, S.K. Mehta	Department of Chemistry	Ultrasonics – Sonochemistry,	2017 - 2018	1350-4177
Encompassment of Benzyl isothiocyanate in cyclodextrin using ultrasonication methodology to enhance its stability for biological applications	Dr. (Mrs.) Rachna Singh	Department of Microbial Biotechnology	Ultrasonics Sonochemistry	2017 - 2018	1350-4177
Physiochemical and cytotoxicity study of TPGS stabilized nanoemulsion designed by ultrasonication method	K Kaur, R Kumar, S Goel, S Uppal, A Bhatia, SK Mehta	Department of Chemistry	Ultrasonics Sonochemistry	2017 - 2018	1350-4177

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Juvenile Justice System in India: Issues and Challenges viz-a-viz Indian Constitution	Dr. Vibhuti Nakta	Department of Laws	Universal Review	2017 - 2018	2277-2723
Do Babi Dramey	Dr. Ali Abbas	Department of Urdu	Urdu Book Review	2017 - 2018	9719288
Khanwada e Syeda Zainab	Dr. Ali Abbas	Department of Urdu	Urdu Book Review	2017 - 2018	9719288
Amelioration of hyperoxaluria-induced kidney dysfunction by chemical chaperone 4-phenylbutyric acid	Randhawa R., Bhardwaj R., Kaur T.	Department of Biophysics	Urolithiasis	2017 - 2018	ISSN 21947228
Teesre Ling Ki Sangharsha Gaathaa : Yamdeep	Prof. Neeru	University School of Open Learning	Vaangmay	2017 - 2018	ISSN 0975-8321
Thin targets for nuclear reaction studies using NAND facility	Ruchi Mahajan, SR Abhilash, Priya Sharma, Gurpreet Kaur, D Kabiraj, Heena Duggal, D Mehta, BR Behera	Department of Physics	Vacuum	2017 - 2018	0042-207X
Fabrication of thin targets for nuclear reaction studies at IUAC	T Banerjee, SR Abhilash, D Kabiraj, S Ojha, GR Umapathy, M Shareef, PV Laveen, H Duggal, RU Amarnadh	Department of Physics	Vcuum	2017 - 2018	0042-207X
Energy Efficient Routing Metric in Wireless Mesh Network	Veenu Mor and Harish Kumar	University Institute of Engineering & Technology	Veenu MOR, Harish KUMAR / GU J Sci, 30(2): 45-59 (2017)	2017 - 2018	29599
Samajik Samasyao Par Vimarsh Karte Gurdyal Singh Ke Upanyas	Dr. Ashok Kumar	Department of Hindi	Vidyavarta	2017 - 2018	2319-9318
Significance Of Fundamental Rights And Directive Principles	Dr.Monika Negi	P.U. S.S. Giri Regional Centre, Hoshiarpur	Vidyawarta Journal:	2017 - 2018	ISSN , 23199318,
A Review of Law, Information and Communication Technologies (ICT's) and Health Millennium Development Goals (Mdgs): International and National Scenario with special reference to India	Dr. Jyoti Rattan	Department of Laws	Vinayak Global Research Review	2017 - 2018	23494239
How global supply chains are influencing world trade patterns: Evidence from recent literature	Singh, K. (Singh, J.)	University Business School	Vinayak Global Research Review	2017 - 2018	2349
How are global supply chains influencing global supply chains: Evidence from recent literature	Kulwinder Singh	University Business School	Vinayaka Global Resarch Review Volume 5 No. 1 &2	2017 - 2018	2349439
Integrating hedonic and eudamonic perspectives: Towards accomplishment of flourishing life	Prof.Luxmi malodia and Ashu vashisht	University Business School	Vinayek global research review	2017 - 2018	2349-4239
HIndiya	Prof. Satya pal Sehgal	Department of Hindi	Vipasha	2017 - 2018	

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Molecular mimicry: An explanation for autoimmune diseases and infertility.aeruginosa: A risk factor for fertility in male mice.	Deepali Thaper and Vijay Prabha	Department of Microbiology	wiley scandinavian journal of immunology	2017 - 2018	0300-9475
Long Range Cost-Effective WDM-FSO System Using hybrid optical amplifier	N. Dayal, P. Singh, and P. Kaur	University Institute of Engineering & Technology	Wirel. Pers. Commun	2017 - 2018	0929-6212
Multibeam WDM-FSO System : An Optimum Solution for Clear and Hazy Weather Conditions	M. Grover, P. Singh, and P. Kaur	University Institute of Engineering & Technology	Wirel. Pers. Commun	2017 - 2018	0929-6212
Cluster-Head Restricted Energy Efficient Protocol (CREEP) for Routing in Heterogeneous Wireless Sensor Networks	Dutt, Suniti, Sunil Agrawal, and Renu Vig	University Institute of Engineering & Technology	Wireless Personal Communications	2017 - 2018	0929-6212
Identification of ISL Alphabets Using Discrete Orthogonal Moments (2017) Wireless Personal Communications	Kaur, B., Joshi, G., Vig, R	University Institute of Engineering & Technology	Wireless Personal Communications	2017 - 2018	0929-6212
Bioresolution of phenyl glycidyl ether by a putative recombinant epoxide hydrolase from Streptomyces griseus NBRC 13350.	Dr. Dipti Sareen	Department of Biochemistry	World J Microbiol Biotechnol	2017 - 2018	ISSN: 0959-3993 (Print) 1573-0972 (Electronic) 0959-3993 (Linking)
Modeling and Printing of Successive Misaligned Teeth Stages	N. Thakur, N. Chaudhary, M. Juneja, and P. Jindal	University Institute of Engineering & Technology	World Journal of Dentistry	2017 - 2018	0976-6006
A Review: Natural Anti-Obesity Drugs	Poonam Arora, Rajanpreet Kaur and Neelima Dhingra	University Institute of Pharmaceutical Sciences	World Journal of Pharmaceutical and Life Sciences	2017 - 2018	2454-2229
Phytochemical Analysis and Study of Antioxidant Potential of a Wild Plant: Nicotiana plumbaginifolia from Chandigarh	Prof. Richa Puri	Department of Botany	World Journal of Pharmaceutical Research	2017 - 2018	2277-7105
Effect of endoplasmic reticulum stress inhibition on hyperoxaluria-induced oxidative stress: influence on cellular ROS sources	Bhardwaj R., Tandon C., Dhawan D.K and Kaur T	Department of Biophysics	World Journal of Urology	2017 - 2018	ISSN 07244983
Impact of intervention program on intelligence quotient of 7 year old students in private schools of Chandigarh and Punjab.	Marwaha, Shruti Sinha, A. K. and Ramesh	Department of Anthropology	World Wide Journal of Multidisciplinary Research and Development. 4(3): 251-257.	2017 - 2018	E-ISSN: 2454-6615

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Effect of negative charge chemical shift in $K\alpha$ and $K\alpha_{1,2}$ X-ray emission lines of 47Ag, 48Cd and 50Sn compounds using Wavelength dispersive X-ray fluorescence spectrometer, Elec. Spec. Relat. Phenom. 223 (2018) 53-61	Harpreet Singh Kainth, J.	Department of Physics	X-Ray Spectrometry	2017 - 2018	1097-4539
Instrumental detection limit and sensitivity of K and L shell X-ray emission lines of 17Cl, 37Rb and 38Sr elements using PC-WDXRF spectrometer X-ray spectrometry 45(7) (2018) 352-358.	Harpreet Singh Kainth, Tejbir Singh, Jangvir Singh Shahi, Devinder Mehta and Sanjeev Kumar	Department of Physics	X-Ray Spectrometry	2017 - 2018	1097-4539
Measurements of elastic scattering cross sections for 25.2, 28.5, 37.4, 36.8, and 42.2 keV X-ray photons in elements with $22 \leq Z \leq 83$	Arun Upmanyu, Gurjot Singh, Harpreet Singh Kainth, Devinder Mehta, Jangvir Singh Shahi, Sanjeev Kuma	Department of Physics	X-Ray Spectrometry	2017 - 2018	1097-4539
Study of detection limit and sensitivity of $K\alpha$ and $L\alpha$ spectral lines of 47Ag, 48Cd and 50Sn elements using polychromatic wavelength dispersive X-ray spectrometer X-ray spectrometry 45(7) (2018) 382-387.	Harpreet Singh Kainth	Department of Physics	X-Ray Spectrometry. 2018;47:382–387	2017 - 2018	10974539
Predictive Efficiency of Restricted and Mixed Regression Estimator	Manoj Kumar and Amit Sharma	Department of Statistics	Yugoslav Journal of Operations Research	2017 - 2018	ISSN: 0354-0243
Predictive Efficiency of Ridge Regression Estimator	Manoj Kumar	Department of Statistics	Yugoslav Journal of Operations Research	2017 - 2018	ISSN: 0354-0243
Description of two smallest field crickets from South America, Laureopsis nauta Jaiswara gen. nov., sp. nov. and Perugryllus estiron Jaiswara gen. nov., sp. nov. (Orthoptera, Grylloidea, Gryllidae, Gryllinae)	Ranjana Jaiswara & LAURE DESUTTER-GRANDCOLAS	Department of Zoology	Zootaxa	2017 - 2018	1175-5326
Marital Status A Way to Elevate Adaptation of Quality Learning : Evidence from Research	Prof.Prabha Vig	Department of Lifelong Learning & Extension		2017 - 2018	
Interplay of Perspectives in Ted Hughes Hawk Roosting and Daruwalla's Hawk	Sharda, Praveen	University School of Open Learning		2017 - 2018	
Men in 21st Century for gender equality	Kaur, S & Kaur H	University School of Open Learning		2017 - 2018	
Portrayal of women in Television and women's magazines	Mahajan, Madhurima	University School of Open Learning		2017 - 2018	
A MULTIPATH ROUTING ALGORITHM BASED ON AODV BROADCAST MECHANISM AND PROPAGATION-BASED LEARNING	Inderdeep Kaur Aulakh	University Institute of Engineering & Technology	Journal of East China University of Science and Technology		1006-3080