

RDC Cell

Research Publications of faculty members published in Journals from 2017 Onwards

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
1	CST	Sanjay Singh	Smart Cities Development using Blockchain Technology in India: A Critical Analysis	Nitesh Rohilla, Sanjay Singh and Mohit Agarwal	Vol.3584, Page No.36-53, December 2023	2023	CEUR Workshop Proceedings	https://ceur-ws.org/Vol-3584/Paper-4.pdf
2	Mechanical	Pradeep Kumar Mouria	Microstructural and Mechanical Response of SiC and TiO ₂ Particles Reinforced Friction Stir Welded AA7075 and AA2024	Pradeep Kumar Mouria, Ranganath M. Singari & Reeta Wattal	https://doi.org/10.1007/s12008-023-01667-0	2023	International Journal on Interactive Design and Manufacturing	https://link.springer.com/article/10.1007/s12008-023-01667-0#article-info
3	Mechanical	Prashant Bhardwaj	An Improved Hottel-Whiller-Bliiss Equation for the Nth Photo-Voltaic Thermal-Thermo-Electric Cooler Air Collectors Connected in Series: Exergy Analysis	Gopal Nath Tiwari, Prashant Bhardwaj, Sujata Nayak	Vol. 10, No. 4, Pages-22-34, December 2023	2023	Journal of Renewable Energy and Environment	https://www.jree.ir/article_170019_ce4e641ac70b70db0d99b0b9def946e2.pdf

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
4	Law	Sumbul Fatima	Conceptual and Historical background of land acquisition laws in Pre-Independence era	Sumbul Fatima	Vol.2, Issue-7, December 2023	2023	International Journal of Legal Research and Analysis	Print Journal
5	Education & Humanities	Ritu Sharma	The Accreditation Paradigm: A Comparative Analysis of Accreditations for Management Programmes	J. Srikanth Reddy, Ritu Sharma, Narain Gupta	https://doi.org/10.1108/IJEM-05-2023-0250	2023	International Journal of Educational Management	https://www.emerald.com/insight/content/doi/10.1108/IJEM-05-2023-0250/full/html
6	Sciences-Physics	Aditya Sharma & Jai Parkash	Influence of Swift Heavy Ion Irradiation on Bimetallic Gold-Silver Nanoparticles in Dielectric Matrices and Their Optical Properties	Ksh. Devarani Devi, Aditya Sharma, Sunil Ojha, Jai Parkash, Ambuj Mishra, Fouran Singh	Volume 91, Part 2, 2023, Pages 33-38, September 2023	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323042268
7	Sciences-Physics	Shiv Kumar Dixit	Study the Effect of total Defect Density Variation in Absorbing Layer on the Power Conversion Efficiency of Lead Halide Perovskite Solar Cell using SCAPS-1D Simulation Tool	Saumya Vaish, Shiv Kumar Dixit	Volume 91, Part 2, 2023, Pages 17-20, September 2023	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323030079

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8	Management & Commerce	Animesh Singh	The Mediating Role of Organisational Learning Capabilities Between Workplace Happiness and Organisational Citizenship Behaviour	Preeti Goel, Animesh Singh	https://doi.org/10.1108/JWL-06-2023-0100	2023	Journal of Workplace Learning	https://www.emerald.com/insight/content/doi/10.1108/JWL-06-2023-0100/full/html?skipTracking=true
9	Mechanical	Smriti Mishra	Effect of Tooltip Profile and Tilt Angle on Al8090-TiH2/Al2O3 Foam and its Mechanical Characterization	Smriti Mishra, Jatinder Kumar, and Hari Singh	https://doi.org/10.1177/09544089231211167	2023	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	https://journals.sagepub.com/doi/pub/10.1177/09544089231211167
10	Sciences-Chemistry	Pradeep K. Varshney	Impact of Surface Modification of Electrode for Aluminium Air Batteries	Sandeep Srivastava, Deepti Ahuja, Pradeep K. Varshney	Volume 76, No. 109588, November 2023	2023	Journal of Energy Storage	https://www.sciencedirect.com/science/article/abs/pii/S2352152X23029869?via%3Dihub
11	Education & Humanities	Nibedita Hazarika, Kriti Dagar	Educational Technology to Promote Social Entrepreneurship Education in the COVID Pandemic Era	Nibedita Hazarika, Kriti Dagar	https://doi.org/10.1177/23939575231210182	2023	Journal of Entrepreneurship and Innovation in Emerging Economies	https://journals.sagepub.com/doi/10.1177/23939575231210182

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12	Education & Humanities	Mira Mishra	An Exploratory Study For Identification of Components in Holistic Report Card For Primary Trainee Teachers	Pradeep Gusain, Dr. Mira Mishra	Vol. 5, No. 2, Page No. 3254-3273, November 2023	2023	Journal of Research Administration	https://journalra.org/index.php/jra/article/view/498/307
13	Sciences-Physics	Sandeep Kumar	Optimization of Electron Bunch Characteristics in Bubble Wakefield: Role of Different Linear Upward Density Ramp Profiles	Mohit Kumar, Hitendra K. Malik, Sandeep Kumar	DOI: 10.1109/TPS.2023.3329827	2023	IEEE Transactions on Plasma Science	https://ieeexplore.ieee.org/document/10320288/authors#authors
14	Sciences-Chemistry	Sudhish Kumar Shukla	Applicability of Drugs as Sustainable Corrosion Inhibitors	Rajni Narang, Priya Vashishth, Himanshi Bairagi, Rashmi, Sudhish K. Shukla, Bindu Mangla	DOI: 10.5185/amllett.2023.041732	2023	Advanced Materials Letters	https://amliaamonline.org/article_23903_23f49000023485bf175e180934aed336.pdf
15	CST	Goldie Gabrani	Effectiveness of Higuchi Fractal Dimension in Differentiating Subgroups of Stressed and Non-Stressed Individuals	Nishtha Phutela, Goldie Gabrani, Ponnurangam Kumaraguru & Devanjali Relan	https://doi.org/10.1007/s11042-023-17536-7	2023	Multimedia Tools and Applications	https://link.springer.com/article/10.1007/s11042-023-17536-7#article-info

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16	Sciences-Chemistry	Vinatak V. Pathak	India's Renewable Energy Research and Policies to Phase Down Coal: Success after Paris Agreement and Possibilities Post-Glasgow Climate Pact	Kripal Singh, Ram Swaroop Meena, Sandeep Kumar, Shalini Dhyani, Seema Sheoran, Har Mohan Singh, Vinayak V. Pathak, Zaira Khalid, Anita Singh, Kapil Chopra, Somvir Bajar, Faiz Ahmad Ansari, Sanjay Kumar Gupta, Sunita Varjani, Richa Kothari, Vineet Veer Tyagi, Bhaskar Singh, Chaeho Byun	Volume 177, No. 106944, October 2023	2023	Biomass and Bioenergy	https://www.sciencedirect.com/science/article/abs/pii/S096195342300243X?via%3Dihub
17	CST	Deepti Thakral	Preserving Security in Internet-of-Things Healthcare System with Metaheuristic-Driven Intrusion Detection	Nidhi Goswami, Sahil Raj, Deepti Thakral, José Luis Arias-González, Judith Flores-Albornoz, Edwin Asnate-Salazar, Dhiraj Kapila, Sanjay Yadav and	Vol.25, No.933, Page No.1-15, September 2023	2023	Engineered Science	file:///C:/Users/LENOVO/Downloads/es933-1.pdf

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				Surendra Kumar				
18	Sciences-Ramanujan Fellow	Jitendra Pal Singh	Tailored TiO ₂ Nanostructures for Designing of Highly Efficient Dye Sensitized Solar Cells: A Review	Gursimran Kaur, Puneet Negi, Ruhit Jyoti Konwar, Hemaunt Kumar, Nisha Devi, Gagandeep Kaur, Himani, Manpreet Kaur, Rakesh Sharma, Prakash Chandra Sati, Vinod Kumar, Pankaj Sharma, Jitendra Pal Singh, Ajar Nath Yadav	Volume 36, 101056, October 2023	2023	Nano-Structures & Nano-Objects	https://www.sciencedirect.com/science/article/abs/pii/S2352507X23001191
19	Sciences-Physics	Sandeep Kumar	Effect of Frequency Chirp and Pulse Length on Laser Wakefield Excitation in Under-Dense Plasma	Vivek Sharma, Sandeep Kumar, Niti Kant & Vishal Thakur	Vol.53, Article Number-157, October 2023	2023	Brazilian Journal of Physics	https://link.springer.com/article/10.1007/s13538-023-01370-1#article-info
20	Sciences-Physics	Aditya Sharma	Dielectric, Magnetic and Structural Properties of Co Doped CeO ₂ Powders	Mayora Varshney, Aditya Sharma, Deo Prakash, K.D. Verma	https://doi.org/10.1016/j.jpics.2023.111721	2023	Journal of Physics and Chemistry of Solids	https://www.sciencedirect.com/science/article/abs/pii/S0022369723005115

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21	Mechanical	Ajit Katiyar & Gianender Kajal	Thermophysical Properties Analysis of Al ₂ O ₃ , MgO and GO Nanofluids with Water for Solar Still	Ajit, Gianender Kajal, Pratibha Malik, Himanshu Garg, Rahul Lamba	https://doi.org/10.1016/j.matpr.2023.06.383	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532303777X?via%3Dihub
22	Mechanical	Gianender Kajal & Ajit Katiyar	An Experimental Investigation of Gas Tungsten ARC Welding Aspects on Stainless Steel (SS304) using Taguchi Method	Gianender Kajal, Ajit, Rahul Lamba, Himanshu Garg, Pratibha Malik	https://doi.org/10.1016/j.matpr.2023.07.072	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323039408?via%3Dihub
23	Sciences-Chemistry	Sudhish K. Shukla	Experimental Investigation of Sustainable Corrosion Inhibitor Albumin on Low-Carbon Steel in 1N HCl and 1N H ₂ SO ₄	Priya Vashishth, Himanshi Bairagi, Rajni Narang, Sudhish K. Shukla, Lukman O. Olasunkanmi, Eno E. Ebenso, Bindu Mangla	Volume 13, 100155, November 2023	2023	Results in Surfaces and Interfaces	https://www.sciencedirect.com/science/article/pii/S2666845923000624
24	Mechanical	Prashant Bhardwaj	Thermal and Exergy Analysis of N-Semi-Transparent Photovoltaic Thermal Air Collectors Connected in Series/Parallel	G.N. Tiwari, Prashant Bhardwaj, Sujata Nayak, Arvind Tiwari and V.K. Dwivedi	Vol. 14, No. 3, Page No. 217-240, August 2023	2023	International Journal of Renewable Energy Technology	https://www.inderscience.com/info/inarticle.php?artid=132969

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25	Mechanical	Smriti Mishra	A Study on Microstructural Behaviour and Mechanical Properties of Composites Fabricated by Friction Stir Processing	Smriti Mishra, Jatinder Kumar & Hari Singh	Vol. 30 No. 2 (2023): IJEMS-APRIL 2023	2023		https://or.niscpr.res.in/index.php/IJEMS/article/view/1628
26	Education & Humanities	Rashee Singh	Evaluation of 5 Different Dimensions of Self-Efficacy of Adolescents Based on Gender	Neha Goswami, Rashee Singh	Vol.5, No.2, Page No.1950-1958, November 2023	2023	Journal of Research Administration	https://journalra.org/index.php/jra/article/view/397
27	ECE	Shruti Vashist	Detection of Plant Diseases using Image-Based Similarity Measures of Pythagorean Fuzzy Sets	Romisha, Shruti Vashist	Vol. 32, No. 1, Page No. 244-251, October 2023	2023	Indonesian Journal of Electrical Engineering and Computer Science	https://ijeecs.iaescore.com/index.php/IJECS/article/view/32599/17629
28	Education & Humanities	Rashee Singh	The Role of Emotional Intelligence In Effective Leadership	Umesh U, Ramshankar Varma, Rashee Singh, A Annapurna, R. Usharani	Vol. 10, Issue-1, Page No. 1385-1394, October 2023	2023	Boletín De Literatura Oral	https://www.boletindeliteraturaoral.com/index.php/bdlo/article/view/323
29	Sciences-Physics	Deepti Maikhuri & Anshuman Sahai	Prolate Spheroidal Quantum Dot: Effect of Dot Size and Eccentricity on Confined Energy States	Komal Jain, Deepti Maikhuri, Anshuman Sahai, Soumyadeep Manna	Volume 91, Part 2, 2023, Pages 21-26, September 2023	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323036143?via%3Dihub

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30	Sciences-Chemistry	Priti Gupta, Shilpa Sharma	Chitosan Nanocomposite for Tissue Engineering and Regenerative medicine: A Review	Priti Gupta, Shilpa Sharma, Shagufta Jabin, Sapana Jadoun	https://doi.org/10.1016/j.ijbiomac.2023.127660	2023	International Journal of Biological Macromolecules	https://www.sciencedirect.com/science/article/abs/pii/S0141813023045580?via%3Dihub
31	Sciences-Chemistry	Sudhish Kumar Shukla	Coordination Compounds as Corrosion Inhibitors of Metals: A Review	Ekemini D. Akpan, Ashish Kumar Singh, Hassane Lgaz, Taiwo W. Quadri, Sudhish Kumar Shukla, Bindu Mangla, Abhishek Dwivedi, Omar Dagdag, Sheetal d, Etienying Edem Inyang, Eno E. Ebenso	Volume 499, 215503, October 2023	2023	Coordination Chemistry Reviews	https://www.sciencedirect.com/science/article/abs/pii/S0010854523004927?via%3Dihub
32	Sciences-Chemistry	Sudhish Kumar Shukla	Adsorption Study of Antibiotic Drug Doxycycline to Protect Mild Steel Surface from Sulphuric Acid Solution	Sudhish Kumar Shukla, Somya Tanwer	Vol.17, Page No.133-144, November 2023	2023	Progress in Color, Colorants and Coatings	https://pccc.icrc.ac.ir/article_81964_de6c606b1956b00cdf863f6c7f2c3573.pdf

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33	CST	Jyoti Pruthi	Machine Learning Based Software Fault Prediction Models	Gurmeet Kaur (Research Scholar), Jyoti Pruthi, Parul Gandhi	Vol. 9, Issue-2, Article 9, April 2023	2023	Karbala International Journal of Modern Science	https://kijoms.uokerbala.edu.iq/cgi/viewcontent.cgi?article=3297&context=home
34	Management & Commerce	Mona Sharma & Yogita Sharma	Global Trends in Waste Materials: A Bibliometric Analysis	Priyanka Chadha, Parul Yadav, Mona Sharma, Yogita Sharma, Richa Nangina, Kriti Sharma, Vafaeva Khristina Maksudovna	https://doi.org/10.1016/j.matpr.2023.10.059	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323049672?via%3Dihub
35	Sciences-Physics	Sandeep Kumar	Enhanced Laser Wakefield Acceleration by A Circularly Polarized Laser Pulse in Obliquely Magnetized under-Dense Plasma	Vivek Sharma, Sandeep Kumar, Niti Kant & Vishal Thakur	Vol. 55, Article number-1150, October 2023	2023	Optical and Quantum Electronics	https://link.springer.com/article/10.1007/s11082-023-05333-3
36	Physics	Aditya Sharma	Monoclinic to Cubic Structural Transformation, Local Electronic Structure, and Luminescence Properties of Eu-Doped HfO ₂	Rajesh Kumar, Jitender Kumar, Ramesh Kumar, Akshay Kumar, Aditya Sharma, S. O. Won, K. H. Chae,	Vol. 129, Article Number-712, September 2023	2023	Applied Physics A-Materials Science & Processing	https://link.springer.com/article/10.1007/s00339-023-06997-0#article-info

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				Mukhtiyar Singh and Ankush Vij				
37	Chemistry	Sudhish Kumar Shukla	Low Carbon Steel Corrosion Inhibition Using Environment-Friendly Solanum Lycopersicum Extract in Monoprotic and Diprotic Acidic Medium	Priya Vashishth, Bindu Mangla, Himanshi Bairagi, Rajni Narang, Sudhish Kumar Shukla	https://doi.org/10.1080/00986445.2023.2255545	2023	Chemical Engineering Communications	https://www.tandfonline.com/doi/abs/10.1080/00986445.2023.2255545?src=
38	Mathematics	Kamlesh Kumar	Approximation Schemes for A Quadratic Type Generalized Isoperimetric Constraint Fractional Variational Problems	Divyansh Pandey, Kamlesh Kumar & Rajesh K. Pandey	https://doi.org/10.1007/s41478-023-00619-x	2023	The Journal of Analysis	https://link.springer.com/article/10.1007/s41478-023-00619-x
39	CST	Deepti Thakral	Intrusion Detection System for IoT-based Healthcare Intrusions with Lion-Salp-Swarm-Optimization Algorithm: Metaheuristic-Enabled Hybrid Intelligent Approach	Nidhi Goswami, Sahil Raj, Deepti Thakral, José Luis Arias-González, Judith Flores-Albornoz, Edwin Asnate-Salazar, Dhiraj Kapila, Sanjay Yadav, and Surendra Kumar	Vol.25, Article-933, Page No.1-15, August 2023	2023	Engineered Science	https://www.espublisher.com/journals/article/details/933

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40	CST	Parneeta Dhaliwal	Impounding Behavioural Connotations for Hate Speech Analysis – A View Towards Criminal Investigation using Machine Learning	Barkhashree & Parneeta Dhaliwal	https://doi.org/10.1007/s41870-023-01500-7	2023	International Journal of Information Technology	https://link.springer.com/article/10.1007/s41870-023-01500-7
41	CST	Urmila Piliaia & Manoj Kumar	A Walk-through towards Network Steganography Techniques	Urmila Piliaia, Manoj Kumar, Rohit Tanwar, Neha Nandal	Vol. 22 No. 5, Page No. 1103-1151, September 2023	2023	Informatics and Automation	http://ia.spcras.ru/index.php/sp/article/view/15849/15276
42	CST	Manoj Kumar & Susmita Ray	Handling Illumination Variation for Motion Detection in Video Through Intelligent Method: An Application for Smart Surveillance System	Manoj Kumar, Dileep Kumar Yadav, Susmita Ray & Rohit Tanwar	https://doi.org/10.1007/s11042-023-16595-0	2023	Multimedia Tools and Applications	https://link.springer.com/article/10.1007/s11042-023-16595-0
43	Law	S.K. Bose	Investigating the Roots of White Collar Crime	Sakshi Mohan, S.K Bose	Vol.84, No.30, January-June 2023	2023	Madhya Bharti-Humanities and Social Sciences	
44	Education & Humanities	Rashee Singh	Incorporating Emotional Intelligence Training in Teacher	Rashee Singh	Vol.48, Issue-03, Book No.06, August 2023	2023	Shodh Prabha	-

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			Education Programs					
45	Law	Kaveri Sharma	A Reformative Approach towards Juvenile Justice System	Ritu Dhirania, Kaveri Sharma	Volume IV, Issue 1, Page 181, June 2023	2023	CPJ Law Journal	https://www.cpj.edu.in/wp-content/uploads/2023/07/CPJ-Law-Journal-Issue-1-min.pdf
46	Physics	Aditya Sharma	Crack formation and optical properties in 175 MeV Au ¹³⁺ ion beam irradiated CeO ₂ thin films	Mayora Varshney, Aditya Sharma, K.D. Sharma	https://doi.org/10.1080/10420150.2023.2253482	2023	Radiation Effects and Defects in Solids	https://www.tandfonline.com/doi/full/10.1080/10420150.2023.2253482
47	CST	Manpreet Kaur	A Language Lending Itself: Mapping Clusters of Contextually Close Cognates in Indo-European Languages	Sarthak Rastogi, Manpreet Kaur	https://doi.org/10.1080/03772063.2023.2245370	2023	IETE Journal of Research	https://www.tandfonline.com/doi/full/10.1080/03772063.2023.2245370
48	Physics	Sandeep Kumar	Excitation of the Laser Wakefield by Asymmetric Chirped Laser Pulse in under Dense Plasma	Vivek Sharma, Sandeep Kumar, Niti Kant & Vishal Thakur	https://doi.org/10.1007/s12596-023-01326-3	2023	Journal of Optics	https://link.springer.com/article/10.1007/s12596-023-01326-3#article-info

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49	Mechanical	Pradeep Kumar Mouria	Influence of Rotational Tool Speed on Metallurgical Characterization of Friction Stir Welded Joint of AZ91D and AA2024	Pradeep Kumar Mouria, Ranganath M. Singari & Reeta Wattala	https://doi.org/10.1080/01694243.2023.2245196	2023	Journal of Adhesion Science and Technology	https://www.tandfonline.com/doi/abs/10.1080/01694243.2023.2245196
50	Chemistry	Sudhish Kumar Shukla	Comparative Study of Polyanthranilic Acid and Sulphonated Polyaniline on the Mild Steel Corrosion in Aqueous Hydrochloric Acid	Abhishek Dwivedi, Sudhish Kumar Shukla, Prem Kumar Bharti, Nakul Gupta, Kuldeep K. Saxena, Yagya Dutta Dwivedi	https://doi.org/10.1080/00084433.2023.2242664	2023	Canadian Metallurgical Quarterly	https://www.tandfonline.com/doi/abs/10.1080/00084433.2023.2242664
51	Education & Humanities	Pooja Parmar	Simultaneous Exposure of Contrasting Vigna Radiata Cultivars to Macrophomina Phaseolina Infection and Drought Stress: Morpho-Physiological and Biochemical Implications	Sahib Kaur, Nilima Kumari, Pooja Parmar, Vinay Sharma	https://doi.org/10.1080/11263504.2023.2243942	2023	Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology	https://www.tandfonline.com/doi/abs/10.1080/11263504.2023.2243942
52	CST	Harsh Bhasin	Dimension Reduction in the Sagittal Plane for Diagnosis of Mild Cognitive Impairment	Harsh Bhasin, Vishal Deshwal & Arush Jasuja	Vol.1782, July 2023	2023	Communications in Computer and Information Science	https://link.springer.com/chapter/10.1007/978-3-031-35644-5_8

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53	Management & Commerce	Animesh Singh	Validation of Happiness at Workplace Scale in India – An Empirical Study on EdTech Employees	Preeti Goel, Animesh Singh	Vol. 55 No. 4, Page No. 441-456, July 2023	2023	Industrial and Commercial Training	https://www.emerald.com/insight/content/doi/10.1108/IC T-02-2023-0009/full/html
54	Physics	Aditya Sharma & Sandeep Kumar	Synthesis and Characterization of ZnGa ₂ O ₄ :Cr ³⁺ +Ge ³⁺ Compounds with Tunable Photoluminescence Properties	Pankaj Kumar, Aditya Sharma, Priyanka Bishnoi, Ankush Vij, Sandeep Kumar, Hyun-Joon Shin, K. H. Chae, B. H. Lee & S. O. Won	https://doi.org/10.1007/s40042-023-00888-6	2023	Journal of the Korean Physical Society	https://link.springer.com/article/10.1007/s40042-023-00888-6
55	Sciences	Jaya Tuteja	Heterogeneous Catalysis for Sustainable Energy	Jaya Tuteja	DOI:10.1055/a-2129-9076	2023	SynOpen	https://www.researchgate.net/publication/372385354_Heterogeneous_Catalysis_for_Sustainable_Energy
56	Examination	Priyanka Chauhan	A Psychological Approach to Promote Climate Change and Sustainable Economic Development Using Information and Communication	Diwakar Chaudhary, Viplov Pathak, Kriti Swarup, Mukul Pratap Singh, Rashi Baliyan,	Vol.6, Issue-8(s) Page No. 244-253, July 2023	2023	Journal for Re Attach Therapy and Developmental Diversities	https://jrtdd.com/index.php/journal/article/view/880/620

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			Based Application	Priyanka Chauhan				
57	CST	Parneeta Dhaliwal	Missing Found Block: Blockchain System to File Missing and Found FIRs	Riya Sapra, Parneeta Dhaliwal	Vol.15, Issue-2, Page No. 135-150, July 2023	2023	International Journal of Electronic Governance	https://www.inderscienceonline.com/doi/abs/10.1504/IJEG.2023.132334
58	Law	Kaveri Sharma	Attempt to Commit Suicide: Offence or Not its Time to Look Beyond IPC	Kaveri Sharma, Inderpreet Kaur	Vol. XIV, Issue No. 2, July 2023	2023	CPJ Law Journal	https://www.cpj.edu.in/wp-content/uploads/2023/07/CPJ-Law-Journal-Issue-2-min.pdf
59	Physics	Jitendra Pal Singh	Growth Strategies of Li7La3Zr2O12 Electrolytes for Li-ion Thin Film Battery	Singh J.P., Paidi A.K., Lee S.	Volume 16, Art No. 100532, July 2023	2023	Chemical Engineering Journal Advances	https://www.sciencedirect.com/science/article/pii/S2666821123000893
60	CST	Gunjan Chandwani	Fuzzy Local Information C-Means based Clustering and Fractional Dwarf Mongoose Optimization Enabled Deep Learning for Relevant Document Retrieval	Gunjan Chandwani, Anil Ahlawat	Volume 126, Part B, Art No. 106954. July 2023	2023	Engineering Applications of Artificial Intelligence	https://www.sciencedirect.com/science/article/abs/pii/S0952197623011387

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
61	Management & Commerce	Chand Prakash Saini	Covid-19 and Indian Women Entrepreneurship: Factor Analysis Approach	Ritu Yadav, Krishna Kumari & Chand Prakash Saini	Issue-1-2, Page No. 72-88, June 2023	2023	Journal of Women's Entrepreneurship and Education	https://www.library.ieng.ac.rs/index.php/jwee/article/view/1494
62	Law	Kaveri Sharma	Digital Jurisprudence and E-Governance: Indian Judiciary's Pivotal Shift Towards Expedited Justice Delivery	Alex Joseph, Kaveri Sharma	Vol. XXI, No.2, June – December 2023	2023	South India Journal of Social Sciences	-
63	Law	Ajay Bhatia	Role of Workplace Happiness in Achieving Sustainable Academic Performance: A Study on Selected Private Universities in Delhi NCR	Ajay Bhatia, Farhat Mohsin	Vol.19 No.3/4/5, Page No. 416 - 429, May 2023	2023	World Review of Entrepreneurship, Management and Sustainable Development (WREMSD),	https://www.inderscience.com/info/inarticle.php?articid=130614
64	CST	Urmila Pilonia	A Systematic Study of Artificial Intelligence-Based Methods for Detecting Brain Tumors	Sanjeet Kumar, Urmila Pilonia, Neha Nandal	Vol. 3, Issue-22, Pages 541–575, May 2023	2023	Informatics and Automation	https://www.mathnet.ru/php/archive.phtml?wshow=paper&jrnid=trspy&paperid=1247&option_lang=eng

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65	Education & Humanities	Geeta Thakur	Toxic Traits: Unpacking the Relationship Between Personality and Workplace Bullying and its Repercussion	Samiksha Singh, Sunil Rai, Geeta Thakur & Anurag Singh	Volume 27, Special Issue-6, August 2023	2023	Academy of Marketing Studies Journal	https://www.abacademies.org/articles/toxic-traits-unpacking-the-relationship-between-personality-and-workplace-bullying-and-its-repercussion.pdf
66	Management & Commerce	Chand Prakash Saini	Occupational Stress and Work-Life Balance among Jurisdiction Professionals: A PLS-SEM Approach	Dr. Chand P Saini, Nisha Gaur, Dr. Ritu Yadav	Volume-15, Issue-10, Page No.117-125, April 2023	2023	Pacific Business Review International	http://www.pbr.co.in/2023/2023_month/April/12.pdf
67	Chemistry	Sudhish Kumar Shukla	Experimental and Computational Studies of a Novel Metal Oxide Nanoparticle/Conducting Polymer Nanocomposite (TiO ₂ /PVP) as a Corrosion Inhibitor on Low-Carbon Steel in Diprotic Acidic Medium	Himanshi Bairagi, Priya Vashishth, Rajni Narang, Sudhish Kumar Shukla, Bindu Mangla	https://doi.org/10.1021/acs.iecr.3c00099	2023	Industrial and Engineering Chemistry Research	https://pubs.acs.org/doi/10.1021/acs.iecr.3c00099

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68	CST	Sanjay Singh, Hanu Bhardwaj & Jyoti Pruthi	Quantum Learning Theory: A Classical Perspective for Quantum Image	Sanjay Singh, M. Thurai Pandian, Ankur Kumar Aggarwal, Satya Prakash Awasthi, Hanu Bhardwaj, Jyoti Pruthi	Volume 80, Part 3, 2023, Pages 2786-2793, April 203	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321048914
69	Chemistry	Jaya Tuteja and Arpit Sand	Probing the Electro-Chemical and Thermal Properties of Polyaniline/MWCNT Nanocomposites	Sharon J. Paul, Sarvesh Kumar Singh, Jaya Tuteja, Arpit Sand and Prakash Chandra	Vol. 10(2), Page No. 493-504, May 2023	2023	Journal of the Turkish Chemical Society Section A: Chemistry	https://dergipark.org.tr/en/pub/jotc/sa/issue/75895/1177040
70	Physics	Sandeep Kumar	Enhanced Laser Wakefield by Beating of Two Co-Propagating Gaussian Laser Pulses	Vivek Sharma, Sandeep Kumar, Niti Kant & Vishal Thakur	https://doi.org/10.1007/s12596-023-01250-6	2023	Journal of Optics	https://link.springer.com/article/10.1007/s12596-023-01250-6#:~:text=Our%20results%20show%20that%20two,ponderomotive%20force%20and%20wakefield%20curves.
71	Management & Commerce	Animesh Singh	A Brief Review on Organic Skincare Cosmetics buying behavior of Female Consumers	Sonia Minocha & Animesh Singh	Vol. X, Issue 1, June 2023	2023	Kanpur Philosophers : International Journal of humanities, Law and Social Sciences	

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72	Chemistry	Sangita Banga	Biodiesel Production From Waste Cooking Oil: A Comprehensive Review on The Application of Heterogenous Catalysts	Monika, Sangita Banga & Vinayak V. Pathak	Volume 10, No. 100209, June 2023	2023	Energy Nexus	https://www.sciencedirect.com/science/article/pii/S2772427123000396
73	CST	Urmila Pilia	A Systematic Study of Artificial Intelligencebased Methods For Detecting Brain Tumors	Sanjeet Kumar, Urmila Pilia & Neha Nandal	Vol. 22, No. 3, May 2023	2023	Artificial Intelligence, Knowledge And Data Engineering	https://www.mathnet.ru/links/cb4dffe9daa1c35a71617f2f95111060/trspy1247.pdf
74	Mechanical	Smriti Mishra	A Study on Microstructural Behaviour and Mechanical Properties of Composites Fabricated by Friction Stir Processing	Smriti Mishra, Jatinder Kumar & Hari Singh	Vol. 30, Page No. 212-225, April 2023	2023	Indian Journal of Engineering & Materials Sciences	https://or.niscpr.res.in/index.php/IJEMS/article/view/1628/1432
75	CST	R. Girija & Manoj Kumar	A cryptanalysis of elliptic curve cryptography based on phase truncation in the domain of hybrid gyrator Hartley transform	Hukum Singh, R Girija & Manoj Kumar	Vol. 55, Article number: 487, April 2023	2023	Optical and Quantum Electronics	https://link.springer.com/article/10.1007/s11082-023-04765-1
76	Law	S.K. Bose	Rising Horizons of Sound Trademark	Akansha Tripathi, S.K. Bose	Vol 48, Issue 2, May 2023	2023	Shodh Prabha	Print Journal

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77	Law	S.K. Bose	Strengthening Capacity Building and Response to health Crisis in Developing Countries	Akansha Tripathi, S.K. Bose	Vol.83, No.1, January-June 2023	2023	Madhya Bharti-Humanities and Social Sciences	Print Journal
78	Law	S.K. Bose	Intellectual Property Rights VIS A VIS Sustainable Development	Akansha Tripathi, S.K. Bose	Vol. 72, Issue-01, No.2, June 2023	2023	Journal of the Oriental Institute	Print Journal
79	Physics	Jitendra Pal Singh	Dissolution of Mg(OH) ₂ by Swift Heavy Ion Irradiation in CoFe ₂ O ₄ /MgO/ZnFe ₂ O ₄ Multilayer Thin Films	Shaffy Garg, Sanjeev Gautam, Jitendra Pal Singh, Mandep Kaur, Anshu Gupta, Ramcharan Meena, Suvankar Chakraverty, Young Hwa Jung, Navdeep Goyal	Volume 349, No. 134738, June 2023	2023	Materials Letters	https://www.sciencedirect.com/science/article/abs/pii/S0167577X23009230
80	Mechanical	Prashant Bhardwaj	Optimisation of Series and Parallel Combination of N-SPVT Air Collectors Based on Overall Thermal Energy and Exergy	G.N. Tiwari, Prashant Bhardwaj, Sujata Nayak and Arvind Tiwari	Vol. 14, No. 2, Page No. 171-191, February 2023	2023	International Journal of Renewable Energy Technology	https://www.inderscienceonline.com/doi/abs/10.1504/IJRET.2023.130033

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81	Mechanical	Smriti Mishra, Prashant Bhardwaj	An Experimental Analysis of Natural Heat Transfer between Rectangular Solid and Perforated Fins Having Different Perforation Characteristics	Smriti Mishra, Abhishek Yadav, Prashant Bhardwaj	Vol. 10, Issue 01, Page No. 366-371, March 2023	2023	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	https://www.tj.kyushu-u.ac.jp/evergreen/contents/EG2023-10_1_content/pdf/p366-371.pdf
82	Mechanical	Ajit Katiyar	Effect of Different Aluminium Oxide Based Nanofluid Concentrations on the Efficiency of Solar Water Desalination System	Ajit Katiyar, Naveen Kumar Gupta	Vol. 9, No. 1, Page No. 61-68, January 2023	2023	Journal of Thermal Engineering	https://dergipark.org.tr/en/download/article-file/2919221
83	Mechanical	Vineet Dubey	Thermal Modelling of Cutting Tool under Different Cutting Environment in Turning	Ajay Singh, Vineet Dubey, Anuj Kumar Sharma	https://doi.org/10.1016/j.matpr.2023.04.193	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323020898?via%3Dihub
84	Management & Commerce	Dr. Tanushri Purohit	Impact of Entrepreneurship on Healthcare Sector: A Study in Delhi NCR	Ms. Komal Sharma, Dr. Tanushri Purohit	Vol. 17(03) Page No. 99-119, March 2023	2023	International Journal of Economic Perspectives	https://ijeponline.com/index.php/journal/article/view/469/434

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85	Management & Commerce	Rashi Banerji	Sales Impact In Modern Trade Retail During Festival Big Days, Post Wave 2 Of Covid-19	Hitesh Kakar, Rashi Banerji, Mandeep Singh	Vol. 18(01), Page No.1239-1246, January 2023	2023	Seybold Report	https://www.researchgate.net/publication/367559825_SALES_IMPACT_IN_MODERN_TRADE_RETAIL_DURING_FESTIVAL_BIG_DAYS_POST_WAVE_2_OF_COVID-19
86	Law	S.K. Bose	Euthanasia: The Supreme Court Of India In Aruna Shanbag Case	S.K. Bose	-	2023	Legal Service India: E-Journal	https://www.legalserviceindia.com/legal/article-10740-euthanasia-the-supreme-court-of-india-in-aruna-shanbag-case.html
87	Law	S.K. Bose	An Overview of the English Legal System	S.K. Bose	-	2023	Legal Service India: E-Journal	https://legalserviceindia.com/legal/article-10373-an-overview-of-the-english-legal-system.html
88	Law	Chaitali Wadhwa, Dr. Shaharyar Asaf Khan	The Impact of Paid Parental Leaves to Prevent Gender-Based Violence	Chaitali Wadhwa, Shaharyar Asaf Khan	Volume-12, Issue-6, June 2023	2023	Mukt Shabd Journal	https://drive.google.com/file/d/1cQWtxcO9_QJrmC3OssEr8Ku1vrLp2r

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89	Education & Humanities	Ritu Sharma	Trends and Future Directions of Accreditations in Higher Education : Bibliometric Analysis	J. Srikanth Reddy, Ritu Sharma, Amit Kumar Gupta	Volume 16, Issue 6, June 2023	2023	Prabandhan: Indian Journal of Management	https://www.indianjournalofmanagement.com/index.php/ijom/article/view/172863
90	ECE	Meenakshi Gupta	Novel Feature Selection Using Machine Learning Algorithm for Breast Cancer Screening of Thermography Images	Kumod Kumar Gupta, Ritu Vijay, Pallavi Pahadiya, Shivani Saxena & Meenakshi Gupta	https://doi.org/10.1007/s11277-023-10527-9	2023	Wireless Personal Communications	https://link.springer.com/article/10.1007/s11277-023-10527-9
91	ECE	Piyush Charan	A 120 Ghz Down Conversion Mixer Design For Improved Linearity, High Conversion-Gain And Low Noise-Figure In 130 Nm Cmos Technology	Zohaib Hasan Khan, Shailendra Kumar, Deepak Balodi, Piyush Charan	Vol.101. No 9, May 2023	2023	Journal of Theoretical and Applied Information Technology	http://www.jatit.org/volumes/Vol101No9/24Vol101No9.pdf
92	Chemistry	Sudhish Kumar Shukla	Electrochemical and surface study of an antibiotic drug as sustainable corrosion inhibitor on mild steel in 0.5 M H ₂ SO ₄	Rajni Narang, Priya Vashishth, Sudhish K Shukla, Bindu Mangla	Volume 384, 122277, June 2023	2023	Journal of Molecular Liquids	https://www.sciencedirect.com/science/article/abs/pii/S0167732223010802

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93	Physics	Jitendra Pal Singh	Tuning of structural, electrical and transport behaviour of cobalt nanoferrite by dysprosium ions substitution	Hemaunt Kumar, Puneet Negi, Jitendra Pal Singh, R.C. Srivastava, Subia Ambreen, K. Asokan	Volume 49, Issue 16, Pages 27294-27302, June 2023	2023	Ceramics International	https://www.sciencedirect.com/science/article/abs/pii/S027288422301550X
94	Education & Humanities	Geeta Thakur	Effect of Commuting on the Academic Performance of Students in Higher Technical Education and their Physical and Emotional State	Asha Kaushik, Sunil Rai, Geeta Thakur & Pankaj Kumar	https://doi.org/10.1080/14703297.2023.2216677 , May 2023	2023	Innovations in Education and Teaching International	https://www.tandfonline.com/doi/full/10.1080/14703297.2023.2216677?scroll=top&needAccess=true&role=tab
95	ECE	Shruti Vashist	Empirical study on design and development of hand-crafted footwear	Jadhav G.S., Salve U.R., Kumar R., Vashist S., Kumar V., Kumar D., Banga H.K., Dhulekar A.	Vol. 30: 87-99 (2023)	2023	International Journal of Experimental Research and Review	https://qtanalytics.in/journals/index.php/IJERR/article/view/1661/1053
96	Education & Humanities	Ritu Sharma	Virtual accreditation peer review team visits – higher education accreditations: present and future directions	J. Srikanth Reddy, Ritu Sharma, Narain Gupta	https://doi.org/10.1108/HE-SWBL-06-2022-0140	2023	Higher Education, Skills and Work-based Learning	https://www.emerald.com/insight/content/doi/10.1108/HE-SWBL-06-2022-0140/full/html

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97	CST	Neelu Chaudhary & Hardeo Kumar Thakur	Dynamic Visualization and Analysis of Government Responses-A Support System to Control Pandemic Situations	Neelu Chaudhary, Hardeo Kumar Thakur, and Rinky Dwivedi	Vol. 13, No.1, Page No. 519-533, March-2023	2023	International Journal of Computing and Digital Systems	https://journal.uob.edu.bh/bitstream/handle/123456789/4359/130143_1570732467_.pdf?sequence=4&isAllowed=y
98	CST	Gananjot Kaur, Prinima Gupta	Detection of Distributed Denial of Service Attacks for IoT-Based Healthcare Systems	Gaganjot Kaur, Prinima Gupta	Volume 30, Issue 2, 2023, Pages 167-186, April 2023	2023	Computer Assisted Methods in Engineering and Science	https://www.scopus.com/record/display.uri?eid=2-s2.0-85160544209&doi=10.24423%2fcames.450&origin=inward&txGid=37e07124fbada390cf22aa161adda45
99	Chemistry	Pradeep K. Varshney	Plasticizer Effects on PVA-Doped Mixed-Ion Composite Polymer Electrolytes	Sandeep Srivastava, Pradeep K. Varshney	https://doi.org/10.1007/s00289-023-04817-2	2023	Polymer Bulletin	https://link.springer.com/article/10.1007/s00289-023-04817-2
100	CST	R. Girija & H.Singh	Optical Medical Image Encryption Based on Digital Hologram in Various Domains	R.Girija, H. Singh & G. Abirami	https://doi.org/10.1007/s12596-023-01186-x	2023	Journal of Optics	https://link.springer.com/article/10.1007/s12596-023-01186-x

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101	Physics	Jitendra Pal Singh	Ion Implantation in Multifunctional Materials	Singh J.P., Chae K.H., Kanjilal D., Komarov F.	Volume 342, Issue-1, Art No. 134347	2023	Materials Letters	https://www.sciencedirect.com/science/article/abs/pii/S0167577X23005323
102	Chemistry	Shilpa Sharma	Biocompatible Stimuli Responsive Hydrogels of Okra Mucilage with Acrylic Acid for Controlled Release Phytochemicals of Calendula Officinalis: In Vitro Assay	Vandna Choudhary, Shilpa Sharma, Pawan Kr. Shukla, Amita Malik	https://doi.org/10.1016/j.matpr.2023.03.701	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323017686
103	Management & Commerce	Chand Prakash	Empowering Leadership and Innovative Work Behavior: Mediating Effect of Psychological Empowerment	Ritu Yadav, Chand Prakash, Asha Dalal	Vol. 17, Issue 1, Page no.1-20, March 2023	2023	Pakistan Journal of Commerce and Social Sciences	https://www.econstor.eu/bitstream/10419/270917/1/4483.pdf
104	Mechanical	Vineet Dubey	Comparative study of dry machining with MQL assisted soybean oil in turning operation of AISI 304 steel	Shukla A., Dubey V., Kumar Sharma A.	https://doi.org/10.1016/j.matpr.2023.02.228	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323007721
105	Law	Somdutt Bhardwaj	IndiGen Project and Its Application in Criminal Law in India	Sharma A., Bhardwaj S.	Volume-9, Issue-1, Page no. 70-75, Jan-March 2023	2023	Journal of Forensic Science and Medicine	https://journals.lww.com/jfsm/Fulltext/2023/09010/IndiGen_Project_a

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106	ECE	Piyush Charan	Design and Performance Analysis of Low Power Fully Integrated Tunable Bandpass Filter	Mittal N., Ullah Khan I., Charan P.	https://doi.org/10.1016/j.matpr.2023.03.369	2023	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323014153
107	Mechanical	Gianender Kajal, M.R. Tyagi	A review on the effect of residual stresses in incremental sheet metal forming used in automotive and medical sectors	Gianender Kajal, M.R. Tyagi & Gulshan Kumar	Volume 78, Part 3, 2023, Pages 524-534	2023	Material Today: Proceedings	https://www.sciencedirect.com/science/article/pii/S221478532207078X
108	ECE	Charu Pathak	Dynamics Inside a Dual-Frequency Paul Trap in the Presence of Excess Micromotion	Kansal A., Saxena V., Pathak C.	Volume:51, Issue:2, Page No. 359 - 366, February 2023	2023	IEEE Transactions on Plasma Science	https://ieeexplore.ieee.org/document/10036360
109	CST	Shalu Singh	A Bio-inspired VM Migration using Re-initialization and Decomposition based-Whale Optimization	Shalu Singh, Dinesh Singh	https://doi.org/10.1016/j.ict.2022.02.003	2023	ICT EXPRESS	https://www.sciencedirect.com/science/article/pii/S2405959522000224
110	Mechanical	Pradeep Kumar Mouria	Optimizing the Parameters of Spark Plasma Sintering to	Karanam S.A.K., Rathinam R., Mouria P.K.,	Volume 2023, Article	2023	Advances in Materials	https://downloads.hindawi.com/journals/amse/

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			Enhance the Hardness of MgO/TiC Composites	Alguno A.C., Capangpangan R.Y., Achamyelah T., Gonzales J.L.A., Sharma V.K., Livingston T.S.	ID 1335481, 14 pages		Science and Engineering	2023/1335481.pdf
111	CST	Mrinal Pandey & Sachin Lakra	A Systematic Review on the Detection and Classification of Plant Diseases Using Machine Learning	Munjal D., Singh L., Pandey M., Lakra S.	Vol.11, Issue-1, January 2023	2023	International Journal of Software Innovation	https://www.igi-global.com/gateway/article/full-text-html/315657&riu=true
112	Management & Commerce	Priyanka Chaudha & Yogita Sharma	A framework to assess the smartphone buying behaviour using DEMATEL method in the Indian context	Bali S., Bali V., Gaur D., Rani S., Kumar R., Chadha P., Sharma Y., Prakash C., Shahare P., Singh Khera G., Kampani S., Solopova N., Dixit S., Vatin N.I.	https://doi.org/10.1016/j.asej.2023.102129	2023	Ain Shams Engineering Journal	https://www.sciencedirect.com/science/article/pii/S2090447923000187
113	Education & Humanities	Geeta Thakur	Upstream Onshore Oil & Gas Industry (Uoogi) Disasters: A Study on Behavioural Response of Ogi	Col. Avanindra Soni, Sunil Rai, Geeta Thakur & Anurag Singh	Vol. 30, Issue-3, Page No. 2209-2226 November 2022	2022	Central European Management Journal	https://journals.kozminski.cems-j.com/index.php/pl_cemj/pdf/Col.%20Avanindra%20Soni.pdf

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114	Education & Humanities	Geeta Thakur	Impact of Leadership Styles on Emotional Regulation Strategies of Followers in Leader-Follower Relationship	Rajiv Mishra, Dr. Sunil Rai, Dr. Geeta Thakur, Dr. Anurag Singh, Aditya Kumar Sha	Vol. 6, No. 6, Page No. 130–141, June 2022	2022	Journal of Positive School Psychology	https://journalppw.com/index.php/jpsp/article/view/6889/4492
115	Management & Commece	Pragati Chuhan	Controlling the Uncontrolled: Over tourism in Hill Stations of Northern India	Saurabh Gupta, Nupur Gupta, Pragati Chauhan	Vol. 6, No. 5, Page No. 6549–6568, July 2022	2022	Journal of Positive School Psychology	https://journalppw.com/index.php/jpsp/article/view/8181
116	ECE	Charu Pathak & Shruti Vashist	Automation of Refrigeration Systems for Extending Shelf life of Fruits and Vegetables in Remote Areas for Economically Weaker Section	Charu Pathak & Shruti Vashist	Vol. 4 No. 1 (2022)	2022	Journal of Advanced Applied Scientific Research	http://joasr.com/index.php/joasr/article/view/229
117	CST	Jyoti Pruthi	A Study of Agile-Based Approaches to Improve Software Quality	Gurmeet Kaur Jyoti Pruthi	Vol.16, No.5, 2022	2022	International Journal of Computer and Systems Engineering	https://publications.waset.org/10012548/pdf
118	Education & Humanities	Geeta Thakur	Foresee Consequences Before They do Something: A Study on Personality Traits And Consequences of Workplace Bullying Using Sem	Samiksha Singh, Sunil Rai, Anurag Singh, Geeta Thakur & Ujjwal Das	Vol. 30, Issue-3, Page No. 1978-2001, November 2022	2022	Central European Management Journal	https://journals.kozminski.cems-j.com/index.php/pl_cemj/pdf/Ms.%20Samiksha%20Singh.pdf

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119	Education & Humanities	Ritu Sharma & Geeta Thakur	Sustainability Competencies: A Critical Review	J. Ansari, G.R. Thakur, R. Sharma & N. Gupta	Vol-12, Issue-08, No. 02 August 2022	2022	Dogo Rangsang Research Journal	https://drive.google.com/file/d/1HG094HEFRuedZ_NUO7-S4bR97YJctCX/view
120	ECE	Shruti Vashist	Performance of Non-orthogonal Multiple Access with MIMO System	Dipa Kokane, Geeta Nijhawan and Shruti Vashist	Vol.385, Page No.481–491, March 2022	2022	Lecture Notes in Networks and Systems	https://link.springer.com/chapter/10.1007/978-981-16-8987-1_51#chapter-info
121	ECE	Shruti Vashist	Power Allocation to Enhance Non-Orthogonal Multiple Access Performance	Dipa Kokane, Geeta Nijhawan and Shruti Vashist	Vol. 22, No.2, Pg No. 188-193, May 2022	2022	International Journal of Wireless and Mobile Computing	https://www.inderscience.com/info/inarticle.php?articid=123319
122	Education & Humanities	Babita Parashar	Validation on Social Media and Adolescents: A matter of self esteem	Radhika Dhingra, Babita Parashar	Vol. 13(4), Page No. 114-119, November 2022	2022	Journal for Educators, Teachers and Trainers	https://digiugr.es/bitstream/handle/10481/79696/114-119_JETT1304017.pdf?sequence=1&isAllowed=y
123	Management & Commerce	Chand Prakash Saini	Unified AHP-TOPSIS and DEA technique for the adoption and performance evaluation of green transportation	Neha Gupta, Chand P. Saini, Amit Dangi and Md. Tanwir Akhtar	Vol. 88, No. 2-4, November 2022	2022	International Journal of Vehicle Design	https://www.inderscienceonline.com/doi/epdf/10.1504/IJVD.2022.127019

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			alternatives in India					
124	Management & Commerce	Chand Prakash Saini	Gamified Apps and Customer Engagement: Modeling in Online Shopping Environment	Kanchan Yadav, Anshul Arora, Ritu Yadav, & Chand Prakash	Volume: 10, No: 3, Page No. 593–605, October 2022	2022	Transnational Marketing Journal	https://transnationalmarket.com/menu-script/index.php/transnational/article/view/197/276
125	Management & Commerce	Chand Prakash Saini	Evaluation of key criteria affecting the adoption of digital marketing by SMEs using an interval Valued Pythagorean fuzzy AHP technique	Dr. Md. Tanwir Akhtar, Dr Neha Gupta & Dr. Chand P. Saini	Volume: 10, No: 3, Page No. 459–471, October 2022	2022	Transnational Marketing Journal	https://transnationalmarket.com/menu-script/index.php/transnational/article/view/187/291
126	Education & Humanities	Ritu Sharma	Developing Problem-Solving Skills Amidst Pandemic	Dr Ritu Sharma, Dr Seema Sharma	Vol-12 Issue-08 No. 02 August 2022	2022	Dogo Rangsang Research Journal	https://www.journal-dogorangsang.in/no_2_Online_22/73_aug.pdf
127	Education & Humanities	Savita Sharma	Consumer Buying Intention Towards Health Insurance Products: A Qualitative Perspective	Aditi Khanna, Dr. Savita Sharma	Volume 11,S Issue-3, Dec 2022	2022	IJFANS International Journal of Food and Nutritional Sciences	https://drive.google.com/file/d/1j-gHnggynKT7I3ZFFI9-do6Si2gCl6P-/view

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128	Management & Commerce	Chand Prakash Saini	An investigation of factors affecting the adoption of Green hospitals among healthcare professionals	Shipra Kumari, Chand Prakash Saini	Volume: 10, No: 3, Page No. 505–514	2022	Transnational Marketing Journal	https://transnationalmarket.com/menu-script/index.php/transnational/article/view/191/290
129	Chemistry	Priti Gupta	Water Quality Assessment and Heavy Metal Detoxification via Bioremediation	Ananya Julka, Priti Gupta	Vol.17, Issue-1, January 2022	2022	Inorganic Chemistry: An Indian Journal	https://www.tsijournals.com/articles/water-quality-assessment-and-heavy-metal-detoxification-via-bioremediation-15665.html
130	Management & Commerce	Pooja Kapoor	Identifying the barriers and highlighting the need to strategize ICT adoption- A study of Indian MSMEs	Srilekh. S., Kapoor P	Volume-XVI, December 2022	2022	Rabindra Bharati University Journal of Economics	Print Journal
131	ECE	Niharika Thakur & Yogita Khanna	RFID Technology For Next Generation: Theory, Design, and Applications	Sunita Joshi, Y K Awasthi, Niharika Thakur, Yogita Khanna	Vol. 65, No. 4, Page No. 571-577, December 2022	2022	Journal of East China University of Science and Technology	http://hdlgdxxb.info/index.php/JE_CUST/article/view/475
132	Mechanical	Joginder Singh	Remodelling of a Jet Engine Mounting Bracket using Structural Analysis and	Joginder Singh, Prateek Sachdeva, Rajendra Tiruwa	Volume XI, Issue XI, November 2022	2022	International Journal of Research	https://drive.google.com/file/d/1leCHGZc6uHwzkBxwBKsxMtOWx1i-yctb/view

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			Topology Optimization					
133	Mechanical	Joginder Singh	Frequency and Static Structural Linear Analysis of Non-Flexible Pedestrian Iron Bridge by Simsolid Software	Joginder Singh, M.R. Tyagi, Sahil, Tushar Aggarwal	Volume XI, Issue XI, Page No. 707-715, November/2022	2022	International Journal of Research	https://drive.google.com/file/d/1CHNiN2v2PBkn6jNGkUqpqG-DNxXJfC_d/view
134	ECE	Bhanu Pratap Chaudhary	Investigation of Vehicular S-LSTM NOMA Over Time Selective Nakagami-m Fading with Imperfect CSI	Ravi Shankar, Bhanu Pratap Chaudhary, & Ritesh Kumar Mishra	Issue-4, December 2022	2022	Journal of Telecommunications and Information Technology	https://jtit.p.l/jtit/article/view/406/406
135	Chemistry/ Physics	Ananna Bardhan, Anshuman Sahai, Vinayak V. Pathak, DK Sharma, Meena Kapahi, S.K Shukla	Study of PM2.5 Distribution, its Relation with Metrological Parameters and Mitigation Over Delhi Region	Ananna Bardhan, Anshuman Sahai, Vinayak V. Pathak, DK Sharma, Meena Kapahi, S.K Shukla	Vol.2, Issue-1, Page No. 1-14	2022	Stechnolock: Archives of Earth and Environment Sciences	https://www.stechnolock.com/article/Study-of-PM2.5-Distribution-its-Relation.pdf
136	CST	Gaganjot Kaur, Prinima Gupta	An Investigation of Different DDOS Attack Detection Methods in Software-Defined Networks	Gaganjot Kaur, Prinima Gupta	Vol. 6(S1), Page No. 1088-1108	2022	International Journal of Health Sciences	https://sciencescholar.us/journal/index.php/ijhs/article/view/4863/929

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137	CST	Nikita Taneja, Hardeo Kumar Thakur	RNNCore: Lexicon Aided Recurrent Neural Network for Sentiment Analysis	Nikita Taneja, Hardeo Kumar Thakur	Vol. 12, No.1 (Dec-2022)	2022	International Journal of Computing and Digital Systems	https://journal.uob.edu.bh/bitstream/handle/123456789/4510/IJCD-1201126-1570739903.pdf?sequence=4
138	Law	Versha Vahini	Impact of Globalization on Human Rights	Dr. Versha Vahini, Yamini Nayyar	Volume 10, Issue 1, January-2022	2022	International Journal of All Research Education and Scientific Methods	http://www.ijaresm.com/uploaded_files/document_file/Yamini_NayyarN1fg.pdf
139	Law	Shaharyar Asaf Khan	Contextualizing Abusive Behaviour of Dominant Entity-Challenges Before Fair Competitive Market	Dr. Nisha Dhanraj Dewani, Dr. Zubair Ahmed Khan, Dr. Shaharyar Asaf Khan	Vol. 6, No. 2, 3928–3935	2022	Journal of Positive School Psychology	https://www.journalppw.com/index.php/jpsp/article/view/2586/1631
140	CST	Manoj Kumar	Healthcare based financial decision making system using artificial intelligence	Neha Nandal, Anupam Singh, Manoj Kumar, Rohit Tanwar	DOI:10.53730/ijhs.v6nS2.8025	2022	International Journal of Health Sciences	https://www.researchgate.net/publication/360940645_Healthcare_based_financial_decision_making_system_using_artificial_intelligence

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141	Chemistry	Sudhish Kumar Shukla	Cefuroxime: A Potential Corrosion Inhibitor for Mild Steel in Sulphuric Acid Medium	Tanwer S., Kumar Shukla S.	Vol.16 (2023), Page No. 125-138	2022	Progress in Color, Colorants and Coatings	https://pccc.icrc.ac.ir/article_81864_ccf41cbb04ea9feff5fa7dcdf208f43c.pdf
142	Management & Commerce	Manmeet Bali Nag	Student Engagement and Academic Achievement as Precursors to Knowledge Management: Dynamics of Post COVID Offline Classroom Student Engagement and Achievement	Nag M.B., Malik F.A., Ul-Durar S., Mangar G.K.	Vol.16, Issue 8, Page No. 54-62	2022	Journal of Content, Community & Communication	https://www.amity.edu/gwalior/jcc/pdf/dec-2022-5.pdf
143	CST	Chandni Magoo	A Novel Hybrid Approach for Intent Creation and Detection Using K-Means-Based Topic Clustering and Heuristic-Based Capsule Network	Magoo C., Singh M.	https://doi.org/10.1142/S0219622022500924	2022	International Journal of Information Technology & Decision Making	https://www.worldscientific.com/doi/10.1142/S0219622022500924
144	Physics	Sandeep Kumar	Self-focusing of a Bessel–Gaussian laser beam in plasma under density transition	Vishal Thakur, Sandeep Kumar, and Niti Kant	https://doi.org/10.1142/S0218863523500388	2022	Journal of Nonlinear Optical Physics & Materials	https://www.worldscientific.com/doi/10.1142/S0218863523500388

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145	Physics	Ananna Bardhan, Anshuman Sahai & Dinesh Kumar Sharma	Ionospheric and surface thermal parameters during three high magnitude earthquakes	Ananna Bardhan, Pooja Sharma, Anshuman Sahai & Dinesh Kumar Sharma	Vol.26, No. 6, Page No. 491-504, November 2022	2022	The Journal of Indian Geophysical Union	http://iguonline.in/journal/PDFpost/134.pdf
146	Chemistry	Megha Bansal	Development of Portland Limestone Cement (PLC) in India using different composition of cement and marginal grade limestone: A sustainable approach	Sandeep Gupta, B.N.Mohapatra, Megha Bansal	Volume 99, Issue 11, 100724, November 2022	2022	Journal of the Indian Chemical Society	https://www.sciencedirect.com/science/article/abs/pii/S001945222003867
147	Education & Humanities	Geeta Thakur	An ounce of prevention is worth a pound of cure: a study on emotional regulation, thwarted social needs, disposable income and its relationship with psychological well-being	Rajiv Mishra, Sunil Rai, Geeta Thakur and Anurag Singh	Vol. 13, No. 3, Page no. 260-281, November 2022	2022	International Journal of Work Organisation and Emotion	https://www.inderscienceonline.com/doi/abs/10.1504/IJWOE.2022.126956
148	Management & Commerce	Manmeet Bali Nag & Priyanka Chadha	Production improvement on the assembly line through cycle time optimization	Pankaj Kumar, Shashi Bhushan Prasad, Dharmendra Patel, Laxmi Gupta, Manmeet Bali	https://doi.org/10.1007/s12008-022-01031-8	2022	International Journal on Interactive Design and Manufacturing	https://link.springer.com/content/pdf/10.1007/s12008-022-01031-8.pdf?pdf=button

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				Nag & Priyanka Chadha				
149	Management & Commerce	Manmeet Bali Nag & Priyanka Chadha	A systematic review of green supply chain management practices in firms	Rajat Gera, Priyanka Chadha, Manmeet Bali Nag, Sahiba Sharma, Heena Arora, Anjum Parvez, Lebedinskaya Yuliya Sergeevna,	Volume 69, Part 2, 2022, Pages 535-542, November 2022	2022	Materialstoday:Proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322061296?via%3Dihub
150	Chemistry	A. Jayamani	Mixed ligand octahedral Zn(II) complex of N ^N O donor tridentate Schiff base ligand and N ^N donor bidentate bipyridine ligand: Synthesis, characterization, biological activity and cytotoxicity	Thamilarasan Vijayan, Mani Pugazhenthii, Azam Nasirian, Jinheung Kim, Gopinath Kasi, Arumugam Jayamani	Volume 43, Issue 11, Pages: 1223-1293, November 2022	2022	Bulletin of the Korean Chemical Society	https://onlinelibrary.wiley.com/doi/epdf/10.1002/bkcs.12618
151	Management & Commerce	Priyanka Chadha	A systematic literature review of supply chain management practices and performance	Rajat Gera, Ruchika Yadav, GS Khera, Ashima Saxena, Priyanka Chadha, Saurav Dixit, Lebedinskaya, Yuliya Sergeevna	Volume 69, Part 2, Pages 624-632, November 2022	2022	Materialstoday:Proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322067220

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152	Chemistry	Sudhish Kumar Shukla	Thermodynamic and electrochemical investigation of inhibition efficiency of green corrosion inhibitor and its comparison with synthetic dyes on MS in acidic medium	Priya Vashishth, Himanshi Bairagi, Rajni Narang, Sudhish K. Shukla, Bindu Mangla	Volume 365, 1 November 2022, 120042	2022	Journal of Molecular Liquids	https://www.sciencedirect.com/science/article/abs/pii/S016773222201580X
153	CST	Shalu Singh	Comprehensive Analysis of VM Migration Trends in Cloud Data Centers	Shalu Singh, Dinesh Singh	Volume 17, Issue 6, December 2022	2022	Recent Patents on Engineering	https://www.eurekaselect.com/article/127911
154	Law	Sampriti Phukan	Government's Piecemeal Approach Towards Street Vendors	Sampriti Phukan	Vol. XXIII, No.24, November 2022	2022	Rabindra Bharati Journal of Philosophy	Print Journal
155	Law	Sampriti Phukan	Street Vendors and the Supply Chain during the Corona Crisis	Sampriti Phukan	Vol. 47, Issue-03, No.02, November 2023	2022	Shodha Prabha	Print Journal
156	Physics	Jitendra Pal Singh	Structural, optical, and magnetic properties of Ag ⁺ , Mn ⁺ and Ar ⁺ ions implanted ZnO thin films: effect of implanation	Weon Cheol Lim, Jitendra Pal Singh, Jonghan Song, Tae-Yeon Seong and Keun Hwa Chae	12(46):2966 6-29676, October	2022	RSC Advances	https://europemc.org/article/MED/36321078

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157	CST	Prinima Gupta	A Novel Ensemble Earthquake Prediction Method (EPPM) by Combining Parameters and Precursors	Sumita Mukherjee, Prinima Gupta, Pinki Sagar, Neeraj Varshney, and Manoj Chhetri	Volume 2022, Article ID 5321530, 14 pages, October 2022	2022	Journal of Sensors	https://www.hindawi.com/journals/js/2022/5321530/
158	CST	Parneeta Dhaliwal	Detailed Study of Wine Dataset and its Optimization	Parneeta Dhaliwal, Suyash Sharma, Lakshay Chauhan	Volume 14 (2022), Issue 5, Page no. 35-46	2022	International Journal of Intelligent Systems and Applications	https://www.mecs-press.org/ijisa/ijisa-v14-n5/IJISA-V14-N5-4.pdf
159	Chemistry	Sudhish Kumar Shukla	Chemical and Electrochemical Study of Effect of Soluble Sulfonated Polystyrene on Mild Steel Interface in Hydrochloric Acid Solution	Abhishek Dwivedi, Prem Bharti, Sudhish Kumar Shukla	Volume-35, Issue-3, Page No. 808 - 820	2022	Gazi University Journal of Science	https://dergipark.org.tr/en/pub/gujs/issue/69473/936620
160	CST	R. Girija	Cryptanalysis of DRPE using complex S-Box based on linear canonical transform	R. Girija, H. Singh & G. Abirami	https://doi.org/10.1007/s11042-022-13752-9	2022	Multimedia Tools and Applications	https://link.springer.com/article/10.1007/s11042-022-13752-9
161	CST	Sachin Lakra	Image based early detection of diabetic retinopathy: A systematic review on Artificial	Anju Mishra, Laxman Singh, Mrinal Pandey, Sachin Lakra	Vol. 43, No. 5, pp. 6709-6741, September 2022	2022	Journal of Intelligent & Fuzzy Systems	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-s

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			Intelligence (AI) based recent trends and approaches					ystems/ifs20772
162	CST	Gunjan Chandwani	Aspect term extraction and optimized deep fuzzy clustering-based inverted indexing for document retrieval	Gunjan Chandwani, Anil Ahlawat, Gaurav Dubey	Vol. 16, No. 3, pp. 543-555, September 2022	2022	Intelligent Decision Technologies	https://content.iospress.com/articles/intelligent-decision-technologies/idt220007
163	CST	Chandni Magoo	Comparative study and experimentation on different techniques for customised POS-tagging	Chandni Magoo and Manjeet Singh	Volume 15, Issue 4, pp 420-449, September 2022	2022	International Journal of Intelligent Information and Database Systems	https://www.inderscienceonline.com/doi/abs/10.1504/IJIDS.2022.126515?journalCode=ijids
164	CST	Urmila Pilia	Framework for Video Steganography Using Integer Wavelet Transform and JPEG Compression	Urmila Pilia, Rohit Tanwar, Mazdak Zamani and Azizah Abdul Manaf	14(9), 254, August 2022	2022	Future Internet	file:///C:/Users/DEEPAK%20KHURANA/Downloads/futureinternet-14-00254-v2.pdf
165	Law	Vani Kataria, Dr. Shaharyar Asaf Khan	The Limits of Religious Freedom: How Measured	Vani Kataria, Dr. Shaharyar Asaf Khan	Vol. 47, Issue. 02, August 2022	2022	Shodha Prabha	Print Journal

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166	CST	Meena Chaudhary & Jyoti Pruthi	A Novel Squirrel Search Clustering Algorithm for Text document Clustering	Meena Chaudhary, Jyoti Pruthi, Vinay Kumar Jain, Suryakant	https://doi.org/10.1007/s41870-022-01078-6	2022	International Journal of Information Technology	https://link.springer.com/article/10.1007/s41870-022-01078-6
167	Mathematics	Kamlesh Kumar	Finite Difference–Collocation Method for the Generalized Fractional Diffusion Equation	Sandeep Kumar, Rajesh K. Pandey, Kamlesh Kumar, Shyam Kamal and Thach Ngoc Dinh	2022, 6, 387, Page No.1-16	2022	fractal and fractional	file:///C:/Users/DEEPA/KHURANA/Downloads/fractalfract-06-00387.pdf
168	Physics	Jitendra Pal Singh	Synchrotron radiation based X-ray techniques for analysis of cathodes in Li rechargeable batteries†	Jitendra Pal Singh, A. K. Paidi, K. H. Chae, Sangsul Lee and D. Ahn	Vol. 12, Pg. 20360–20378	2022	RSC Advances	https://pubs.rsc.org/en/content/articlepdf/2022/ra/d2ra01250b?page=search
169	Mechanical	Prashant Bhardwaj	Fabrication of aluminium MMCs & associated difficulties-A Review	Neha Bhadauria, Prashant Vashishtha, Smriti Mishra, Prashant Bhardwaj	Volume 64, Part 3, 2022, Pages 1276-1282	2022	Materialstoday:Proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322022465
170	Mechanical	Prashant Bhardwaj	Influence of Process Parameters of Friction Stir Processing on the Fabrication of Metal Foam	Smriti Mishra, Prashant Bhardwaj, Neha Bhadauria, Prashant Vashishtha	Volume 64, Part 3, 2022, Pages 1398-1402	2022	Materialstoday:Proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322027419

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171	Education & Humanities	Babita Parashar	Social Emotional Learning:Policy Initiatives and Classroom practices	Anshu Singla, Babita Parashar	Vol. 6(S8) Page No. 14-23	2022	International Journal of Health Sciences	https://sciencescholar.us/journal/index.php/ijhs/article/view/10488
172	Education & Humanities	Savita Sharma	Exploring Social Barriers to Gender Equality in India	Japneet Kaur, Savita Sharma	Vol. 6, No. 2, 6341-6345	2022	Journal of Positive School Psychology	https://journalppw.com/index.php/jpsp/article/view/9421/6132
173	CST	Meena Chaudhary & Jyoti Pruthi	Analysis of Vision-Based Page Segmentation Algorithm for Semantic Information Classification in Web Mining	Meena Chaudhary, Dr. Jyoti Pruthi	Volume 41, Issue 7, 2022	2022	Journal of Optoelectronics Laser	http://gdzjg.org/index.php/JOL/article/view/683
174	CST	Hardeo Kumar Thakur	A trustworthy model of recommender system using hyper-tuned restricted boltzmann machine	Govind Kumar Jha, Manish Gaur, Preetish Ranjan, Hardeo Kumar Thakur	https://doi.org/10.1007/s11042-021-11575-8	2022	Multimedia Tools and Applications	https://link.springer.com/article/10.1007/s11042-021-11575-8
175	CST	Manoj Kumar, Susmita Ray	Moving Human Detection and Tracking from Thermal Video through Intelligent Surveillance System for Smart Applications	Manoj Kumar, Susmita Ray, Dileep Kumar Yadav	https://doi.org/10.1007/s11042-022-13515-6	2022	Multimedia Tools and Applications	https://link.springer.com/article/10.1007/s11042-022-13515-6

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176	CST	Gaganjot Kaur, Prinima Gupta	A robust tuned classifier-based distributed denial of service attacks detection for quality of service enhancement in software-defined network	Gaganjot Kaur, Prinima Gupta	Vol. 43, No. 3, Page No. 2693-2710, 2022	2022	Journal of Intelligent & Fuzzy Systems	https://content.iospress.com/article/s/journal-of-intelligent-and-fuzzy-systems/ifs212946
177	Physics	Sandeep Kumar	Attosecond-XUV pulse generation using laser-based high-harmonic generation in argon gas	Shruti Gulihar, Sandeep Kumar, Mukesh Jewariya	137, Article number: 851 (2022)	2022	The European Physical Journal Plus	https://link.springer.com/article/10.1140/epjp/s13360-022-03062-2
178	Education & Humanities	Dr Rashee Singh	Perception of the parents towards permissive parenting style: Does attitude and awareness plays an important role in changing the perception among parents	Monika Bishnoi, Dr Rashee Singh	Vol 14, Issue 01 2022, PP: 2717-2721	2022	International Journal of Early Childhood Special Education	20220531023905pm324.pdf (int-jecse.net)
179	Management & Commerce	Priyanka Chadha	External and Internal Factors Influencing E-Service Quality: Examining the factors affecting E- service quality of indain government's online initiatives	Dr. S. Maria, Laxmi and Dr. Priyanka	Vol. 6, No. 5, 4178- 4184	2022	Journal of Positive School Psychology	https://mail.journalppw.com/index.php/jpsp/article/view/7018

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180	Management & Commerce	Parul Jhajharia, Manmeet Bali Nag	A Critical Review of Employee Engagement and Effectiveness in the Impact of Organisational Culture and the Challenges Faced By the Managers: In the Context of Indian Industry	Suneet Soni, Parul Jhajharia, Manmeet Bali Nag	Vol. 6, No. 3, 8792-8803	2022	Journal of Positive School Psychology	https://www.journalppw.com/index.php/jpsp/article/view/5195/3401
181	Mechanical	Ajit Katiyar	Productivity analysis of pyramid solar still with solid clay pots	Ajit Katiyar, Harshit Pandey, Naveen Kumar Gupta	Volume 62, Part 6, 2022, Pages 4081-4085	2022	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/pii/S2214785322027924
182	Physics	Sandeep Kumar	Electron acceleration in an inverse free electron laser with a tapered wiggler field	Singh J., Rajput J., Kant N., Kumar S.	Vol. 2267, June 2022	2022	Journal of Physics: Conference Series	https://iopscience.iop.org/article/10.1088/1742-6596/2267/1/012068
183	Physics	Sandeep Kumar	Comparative study of inverse free electron laser interaction based on helical and wiggler interaction	Jagnishan Singh, Jyoti Rajput, Nitikant, Sandeep Kumar	Vol.260, June 2022, 169017	2022	Optik	https://doi.org/10.1016/j.ijleo.2022.169017

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184	Physics	Sandeep Kumar	To study the effect of laser frequency-chirp on trapped electrons in laser wakefield acceleration	Vivek Sharma and Sandeep Kumar	Vol.2267, (2022) 012097	2022	Journal of Physics: Conference Series	https://iopscience.iop.org/article/10.1088/1742-6596/2267/1/012097
185	Physics	Jaiparkash & Aditya Sharma	Ca Doping Concentration Induced Enhancement in Dielectric and Magnetic Properties of Bi _{1-x} CaxFeO ₃ (x = 0.2 and 0.4) Ceramics	Kuldeep Mehta, Aditya Sharma, and Jaiparkash	Vol. 51, Pages 4145–4151, June 2022	2022	Journal of Electronic Materials	https://doi.org/10.1007/s11664-022-09723-3
186	Physics	Aditya Sharma	Structural, Electronic, and Magnetic Properties of NiGa ₂ O ₄	Aditya Sharma, Mayora Varshney, Yogesh Kumar, Ankush Vij, Ram K Sharma, Hyun-Joon Shin	Vol.51, Page no 139–4144, June 2022	2022	Journal of Electronic Materials	https://link.springer.com/article/10.1007/s11664-022-09710-8
187	Physics	Aditya sharma	XANES Investigations on Electronic Structure and Magnetic Properties of GaFeO ₃ Nanocrystals	Aditya Sharma, Mayora Varshney, Tanisha Gautam, Anjali Sharma, Ankush Vij, Ram K Sharma, Byeong-hyeon Lee, Keun	Vol. 51, Pages 4133–4138 (2022)	2022	Journal of Electronic Materials	https://link.springer.com/article/10.1007/s11664-022-09722-4

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				Hwa Chae, Sung Ok Won				
188	Mathematics	Kamlesh Kumar	A Fully Finite Difference Scheme for Time -Fractional Telegraph Equation involving Atangana Baleanu Caputo Fractional Derivative	Kamlesh Kumar, Jogendra Kumar, Rajesh K. Pandey	Vol. 8, 154 (2022)	2022	International Journal of Applied and Computational Mathematics	https://link.springer.com/article/10.1007/s40819-022-01347-9
189	Education & Humanities	Babita Parashar	Social Media and Social Emotional Learning: Adolescents' Perspective	Radhika Dhingra, Dr. Babita Parashar	Vol.6, No.5, Pg 3917-3929	2022	Journal of Positive School Psychology	https://journalppw.com/index.php/jpsp/article/view/6954/4528
190	Education & Humanities	Geeta Thakur	Impact of Leadership Style on Emotional Regulation Strategies of followers in Leader-follower relationship	Rajiv Mishra, Dr. Sunil Rai, Dr. Geeta Thakur, Dr. Anurag Singh Dr. Aditya Shah	Vol.6, No.6 Pg.130-141	2022	Journal of Positive School Psychology	https://journalppw.com/index.php/jpsp/article/view/6889/4492
191	Chemistry	Megha Bansal, Vinayak V. Pathak	Biogas Production from Wheat Straw using Textile Industrial Wastewater by Co-digestion Process: Experimental and Kinetic Study	Rani P., Pathak V.V., Bansal M.	Vol.9, Issue 2, Page no. 601-612	2022	Journal of the Turkish Chemical Society, Section A: Chemistry	https://dergipark.org.tr/en/download/article-file/2026183

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192	Chemistry	Arpit Sand	Development of functional guar gum based highly water absorbent and investigation of reaction parameters	Sapna, Singh Jay, Arpit Sand	Volume 9, Issue 2, 453 - 464, 31.05.2022	2022	Journal of the Turkish Chemical Society, Section A: Chemistry	https://dergipark.org.tr/en/pub/jotc/sa/issue/68470/1011386
193	CST	Neelo Chaudhary & Hardeo K. Thakur	A Dynamic Visual Analytical Approach for Crime-Transformation to Better Decision Making	Chaudhary N., Thakur H.K., Dwivedi R.	Vol. 9 (2022) No.1, pp.367-404	2022	Journal of Logistics, Informatics and Service Science	http://www.aasmr.org/links/Vol.9/JLIS%20February%2022%20(2)/Vol.9No.01.22.pdf
194	CST	Prinima Gupta, Gaganjot Kaur	Detection Mechanism Using Transductive Learning and Support Vectors for Software-Defined Networks	Gaganjot Kaur, Prinima Gupta and Yogesh Kumar	Vol. 12(3), Pg 1-22	2022	International Journal of Information Retrieval Research	https://www.igi-global.com/article/detection-mechanism-using-transductive-learning-and-support-vectors-for-software-defined-networks/300293
195	Management & Commerce	Animesh Singh, Rashi Banerji	Happiness at Work, Organization Citizenship Behaviour and Workplace Diversity: A Study on Indian Private Sector Bank Employees	Animesh Singh, Rashi Banerji	https://doi.org/10.1108/IC T-05-2021-0037	2022	Industrial and Commercial Training	https://www.emerald.com/insight/content/doi/10.1108/IC T-05-2021-0037/full/html

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196	ECE	Charu Pathak	Field Imperfection Induced Effects in a Planar Dual Frequency Paul Trap	Kansal A., Saxena V., Pathak C.	Vol. 50, Issue: 4, April 2022	2022	IEEE Transactions on Plasma Science	https://ieeexplore.ieee.org/document/9743343
197	CST	Aarti Sangwan	QoS Constrained Network Coding Technique to Data Transmission Using IoT	Sathishkumar A., Rammohan T., Sathish Kumar S., Uma J., Srujan Raju K., Sangwan A., Sivachitra M., Prabu M.	Vol.43, Issue 2, 2022, Pages 531-544	2022	Computer Systems Science and Engineering	https://www.researchgate.net/profile/Srujan-Raju/publication/360065143_QoS_Constrained_Network_Coding_Technique_to_Data_Transmission_Using_IoT/links/625f5be0c4173a21a0d20d2e2/QoS-Constrained-Network-Coding-Technique-to-Data-Transmission-Using-IoT.pdf
198	Mechanical	Prashant Bhardwaj	Fabrication of Aluminium MMCs & associated difficulties-A Review	Neha Bhaduria, Prashant Vashishtha, Smriti Mishra, Prashant Bhardwaj	Volume 64, Part 3, 2022, Pages 1276-1282	2022	Materials Today	https://www.sciencedirect.com/science/article/pii/S2214785322022465#!

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199	Mechanical	Prashant Bhardwaj	Influence of Process Parameters of Friction Stir Processing on the Fabrication of Metal Foam	Smriti Mishra, Prashant Bhardwaj, Neha Bhadauria, Prashant Vashishtha	Volume 64, Part 3, 2022, Pages 1398-1402	2022	Materials Today	https://www.sciencedirect.com/science/article/pii/S2214785322027419?via%3Dihub
200	Education & Humanities	Rashee Singh	To study the effect of Gender and Emotional Intelligence on Job satisfaction of the Primary School Teachers of Mumbai Region	Ramshankar Varma, Rashee Singh	Vol. 6, No 2, Pages 2594-2602	2022	Journal of Positive School Psychology	https://journalppw.com/index.php/jpsp/article/view/1838/1054
201	Mathematics	Kalpana Shukla	Nondifferentiable generalized minimax fractional programming under (Φ, ρ) -invexity	B.B.Upadhyay, T.Antczak, S.K.Mishra, Kalpana Shukla	Volume 32, Issue 1, Pages: 3-27	2022	Yugoslav Journal of Operations Research	https://www.researchgate.net/publication/359393186_NONDIFFERENTIABLE_GENERALIZED_MINIMAX_FRACTIONAL_PROGRAMMING_UNDER_PH_r-INVEXITY
202	Physics	Aditya Sharma	Electronic Structure, Photoluminescence and Thermoluminescence Studies of Cu-Doped Mg ₂ B ₂ O ₅ Nanophosphors	Kumar J., Sharma A., Won S.O., Chae K.H., Shekhar C., Kumar S., Vij A.	Vol No. 51, Pages 1922–1932, March 2022	2022	Journal of Electronic Materials	https://link.springer.com/article/10.1007/s11664-022-09535-5

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203	Chemistry	Shilpa Sharma	Polyaspartic acid, 2-acrylamido-2-Methyl propane sulfonic acid and sodium alginate based biocompatible stimuli responsive polymer gel for controlled release of GHK-Cu peptide for wound healing	Shilpa Sharma, Mohammad Faiyaz Anwar, Amit Kumar Dinda, Maneesh Singhal, Amita Dua, Amita Malik	1, 1-19 (2022)	2022	Journal of Biomaterial Applications	https://journals.sagepub.com/doi/abs/10.1177/08853282221076708?journalCode=jbaa
204	Management & Commerce	Rashi Banerji, Animesh Singh	An empirical study on consumer attitude and behavioural intention to adopt mobile wallet in India	Rashi Banerji, Animesh Singh	Vol.3, No.2, Pages 83-99, March 2022	2022	International Journal of Electronic Banking	https://www.inderscience.com/info/inarticle.php?artic=122219
205	Law	Versha Vahini	Law Relating to Bail to Juvenile Delinquent	Sonia Kinra and Dr. Versha Vahini	Vol. 5 Issue II, Page 1-24	2022	International Journal of Law Mangement & Humanities	https://www.ijlmh.com/paper/law-relating-to-bail-to-juvenile-delinquent/
206	CST	Urmila Pilia & Prinima Gupta	An ROI-based robust video steganography technique using SVD in wavelet domain	Rohit Tanwar, Urmila Pilia, and Prinima Gupta	Vol.12, No.1, February 2022, pp. 1-16	2022	Open Computer Science	https://www.degruyter.com/document/doi/10.1515/com-2020-0229/html

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207	Law	Versha Vahini	Law Relating to Bail to Juvenile Delinquent	Sonia Kinra, Versha Vahini	Vol. 5, Issue-2, Page No. 1-24, February 2022	2022	International Journal of Law Management & Humanities	https://www.ijlmh.com/paper/law-relating-to-bail-to-juvenile-delinquent/
208	Mathematics	Kamlesh Kumar	Two-dimensional collocation method for generalized partial integro-differential equations of fractional order with applications	Sharma S., Kumar S., Pandey R.K., Kumar K.	DOI: 10.1002/mma.8079	2022	Mathematical Methods in the Applied Sciences	https://www.scopus.com/record/display.uri?eid=2-s2.0-85124140748&doi=10.1002%2fmma.8079&origin=inward&txGid=557abb52c5a36442ec4d4f5719b06f59&featureToggle_s=FEATURE_NEW_DOC_DETAILS_EXPORT:1
209	Physics	Aditya sharma	Structural, Surface, and Electronic Structure Properties of Ag– Ion-Implanted SrVO ₃ Thin Films	Aditya Sharma, Ksh. Devarani Devi, Mayora Varshney, Himani Saraswat, Surekha Chaudhary, Byeong-hyeon Lee, So-Hee Kim, Sung Ok Won, Keun Hwa Chae, Ankush Vij,	Vol No. 51, Pages 1900–1904, February 2022	2022	Journal of Electronic Materials	https://doi.org/10.1007/s11664-022-09454-5

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				Ram K. Sharma & Hyun-Joon Shin				
210	Chemistry	Megha Bansal, Vinayak V. Pathak	Experimental and Kinetic Studies on Co-Digestion of Agri-Food and sewage sludge for Biogas Production	Punam Rani, Megha Bansal, Vinayak Vandan Pathak	16(1), 147-154 (2022)	2022	Journal of Taibah University of Science	https://www.tandfonline.com/doi/full/10.1080/16583655.2022.2035928
211	Physics	Aditya Sharma	Synthesis of bimetallic AuAg nanoparticles by sequential ion implantation for modifying surface-plasmon-resonance properties	Devarani Devi K., Sharma A., Ojha S., Parkash J., Vij A., Sharma R.K., Singh F.	Volume 308, Part B, 1 February 2022, 131283	2022	Materials Letters	https://www.sciencedirect.com/science/article/abs/pii/S0167577X21019819#!
212	Physics	Aditya Sharma	Electronic structure and magnetic assets of FeCoGaO4 nanoparticles: An XANES investigation	Sharma A., Varshney M., Kumar Y., Lee B.-H., Won S.O., Chae K.H., Vij A., Sharma R.K., Shin H.-J.	Volume 161, February 2022, 110476	2022	Journal of Physics and Chemistry of Solids	https://www.sciencedirect.com/science/article/abs/pii/S0022369721005424#!
213	CST	Hardeo Kumar Thakur	Distributed probability density based multi-objective routing for Opp-IoT networks enabled by machine learning	S P Ajith Kumar, H. K. Thakur, S. Banyal, K.K. Bhardwaj and D.K. Sharma	Vol. 42, No. 2, PP. 1199-1211, January 2022	2022	Journal of Intelligent and Fuzzy Systems	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs189782

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214	CST	Neelu Chaudhary	An ensemble model to optimize modularity in dynamic bipartite networks	Neelu Chaudhary, Hardeo Kumar Thakur, Rinky Dwivedi	https://doi.org/10.1007/s13198-022-01633-1	2022	International Journal of Systems Assurance Engineering and Management	https://link.springer.com/article/10.1007/s13198-022-01633-1
215	Education & Humanities	Babita Parashar and Anshu Singla	Social Emotional Learning through STEM Education: Educators? Perspectives	Anshu Singla and Dr Babita Parashar	Vol.11, Issue 1,pg. 1178-1183	2022	International Journal of Science and Research	https://www.ijsr.net/get_abstract.php?paper_id=SR22121113112
216	Law	S.K Bose	Teaching Comparative Public Law in Law universities	S.K Bose	Lawteachersindia.com	2022	lawteachersindia.com	lawteachersindia.com
217	CST	Manoj Kumar, Susmita Ray	Moving Vehicles Detection and Tracking on Highways and Transportation System for Smart Cities	Kumar M., Ray S., Yadav D.K.	Volume 14, January 2022, Pages 118-131	2022	Journal of Information Technology Management	https://www.scopus.com/record/display.uri?eid=2-s2.0-85128331695&doi=10.22059%2fJITM.2022.86655&origin=inward&txGid=ff11b8a5777cea834c4210db1a6efe55&featureToggles=FEATURE_NEW_DOC_DETAILS_EXPORT:1

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218	Chemistry	Megha Bansal, Vinayak V. Pathak	Experimental and Kinetic Studies for Improvement of Biogas Production from KOH Pretreated Wheat Straw	Punam Rani, Megha Bansal, Vinayak Vandan Pathak	5, 100283 (2022)	2022	Current Research in Green and Sustainable Chemistry	https://www.sciencedirect.com/science/article/pii/S266608652200025X#!
219	Chemistry	Sudhish Kumar Shukla	An experimental approach to find aniline-formaldehyde co-polymers as effective inhibitor on the interface of low carbon steel immersed in 0.5N HCl mixtures	Dwivedi A., Bharti P.K., Shukla S.K.	Volume 99, Issue 3, March 2022, 100356	2022	Journal of the Indian Chemical Society	https://www.sciencedirect.com/science/article/abs/pii/S0019452222000188
220	CST	Neelu Chaudhary, Hardeo K. Thakur	An ensemble model to optimize modularity in dynamic bipartite networks	Chaudhary N., Thakur H.K., Dwivedi R.	https://doi.org/10.1007/s13198-022-01633-1	2022	International Journal of Systems Assurance Engineering and Management	https://link.springer.com/content/pdf/10.1007/s13198-022-01633-1.pdf
221	CST	Hardeo K. Thakur	A trust-worthy approach to recommend movies for communities	Jha G.K., Gaur M., Thakur H.K.	https://doi.org/10.1007/s11042-021-11544-1	2022	Multimedia Tools and Applications	https://link.springer.com/article/10.1007/s11042-021-11544-1#article-info
222	Physics	Aditya Sharma	Structural, Electronic Structure, and Photovoltaic Studies of MgO/TiO ₂ /ITO	Gaur D., Sharma S., Sharma A., Sharma D.K., Shukla S.	Volume 51, Issue 1, January 2022, Pages 314-320	2022	Journal of Electronic Materials	https://www.scopus.com/record/display.uri?eid=2-s2.0-85119523716

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			Heterostructures					&doi=10.1007%2fs11664-021-09290-z&origin=inward&txGid=e053478d319069ce428b71ec7297a919
223	Chemistry	Sudeep Kumar Shukla	Corrosion Inhibition Activity of Cefixime on Mild Steel Surface in Aqueous Sulphuric Acid	Tanwer S., Shukla Kumar S.	Volume 15, Issue 3, 2022, Pages 243-255	2022	Progress in Color, Colorants and Coatings	http://pccc.iirc.ac.ir/article_81808_1202fb7b9c4aa3bb38ab2a5152017319.pdf
224	Chemistry	Sudhish Kumar Shukla	Recent advances in the applicability of drugs as corrosion inhibitor on metal surface: A review	Tanwer S., Shukla S.K.	Volume 5, 2022, 100227	2022	Current Research in Green and Sustainable Chemistry	https://www.sciencedirect.com/science/article/pii/S2666086521001740#!
225	Education & Humanities	Savita Sharma	Exploring effectiveness of Mindfulness Training Programme : An Investigation of the Perceived Benefits from Lenses of Pre Service Teachers	Dr Savita Sharma, Dr Deepak Kumar Verma, Dr Kamal Arora	Vol.14, Issue-5, Page No.1308-5581	2022	International Journal of Early Childhood Special Education (INT-JECSE)	Print Journal

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226	Law	Dr SK Bose	Where does India stand on Refugee Question? A Critical Analysis	Linto KB and SK Bose	Vol 6, No 4 pg-6837-6843	2022	Journal of Positive School Psychology	https://journalppw.com/index.php/jpsp/article/view/4648
227	Law	Dr SK Bose	Understanding Jurisdiction with Reference to International Law	SK Bose	Vol.9, Issue 6 Page b317-b323	2022	Journal of Emerging Technologies Innovation and Research	https://www.jetir.org/papers/JETIR2206144.pdf
228	Law	S.K Bose	International Criminal Court on Sexual and Gender Based Violence	Keshov Roy, SK Bose	Vol II, Issue 13, Pg 3	2022	White And Black Legal	Print Journal
229	Education & Humanities	Rashee Singh and Savita Sharma	Impact of Burnout on Organizational Climate Among Secondary School Teachers	Seema Rani, Dr. Rashee Singh and Dr. Savita Sharma	Vol.: XXIII, No.: 1, 2022	2022	Vidyabharati International Interdisciplinary Research Journal	Print Journal
230	Law	S.K Bose	The Rule of Law and its Modern Concept-A Comparative Study	Nikita Deo Singh, SK Bose	Vol.30. June 2022	2022	Supremo Amicus	https://heinonline.org/HOL/LandingPage?handle=hein.journals/supami30&div=2&id=&page=
231	Law	S.K Bose	Understanging the English Legal System	SK Bose	www.mindyourlaw.com	2022	mindyourlawblog.com	Print Journal

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232	Education & Humanities	Babita Parashar	Role of parents in fostering reading skills in Early years	Asma Zaidi, Dr Babita Parashar	Vol 14 Issue 06, Pg 629-639, 2022	2022	International Journal of Early Childhood Special Education (INT-JECSE)	https://www.scilit.net/journal/2744412
233	Law	Dr SK Bose	Teaching Comparative Public Law in Law Universities	SK Bose	Lawteachersindia.com	2022	Law Teachers India	Print Journal
234	Law	S.K Bose	Crime Against Humanity: Institute for international Criminal Investigation	Shaaluv, Srivastav, SK Bose	Vol.II, Issue 13, 2022	2022	White And Black Legal	Print Journal
235	Education & Humanities	Babita Parashar	Inclusion and School Leadership: Are we prepared?	Sudhakar Jha, Dr Babita Parashar	Vol.14, Issue 4, pg 73-81	2022	International Journal of Early Childhood Special Education	Print Journal
236	Management & Commerce	Priyanka Chadha & Ashima Saxena	Statistical Modelling and Analysis of road accidents in the highly populated country- India	Dr. Priyanka Chadha & Dr. Ashima Saxena	Sustainability (MDPI)	2022	MDPI	Print Journal
237	CST	Hardeo Kumar Thakur	Revisiting Feature Ranking Methods using Information-Centric and Evolutionary Approaches: Survey	Rashmi Gandhi, Udayan Ghose and Hardeo Kumar Thakur	Volume 12, Issue 1, February 2021	2021	International Journal of Sensors, Wireless Communications and Control	https://benthamscience.com/article/113973

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238	Chemistry	Vinayak Vandan Pathak	Screening and Optimization of Zinc Removal Potential in Pseudomonas aeruginosa-HMR 1 and its Plant Growth-Promoting Attributes	Ali Asger Bhojiya, Harshada Joshi, Sudhir K. Upadhyay, Abhishek K. Srivastava, Vinayak Vandan Pathak, Vimal Chandra Pandey & Devendra Jain	Vol. 108, Pages 468–477, April 2021	2021	Bulletin of Environmental Contamination and Toxicology	https://link.springer.com/article/10.1007/s00128-021-03232-5
239	Management & Commerce	Sachita Yadav	Comparison of Teaching Competency of Government and Private Primary School Teachers in Haryana	Sunny Bansal, Dr. Sachita Yadav, Dr.Sanjay Shrivastava , Dr. Bishan Singh Nagi	Vol.12, No.1, February 2021	2021	International Journal of Disaster Recovery and Business Continuity	http://sersc.org/journals/index.php/IJDRBC/article/view/35310
240	Management & Commerce	Priyanka Srivastava & Parul Jhajharia	Digitalization Impact on Customer Loyalty and Customer Satisfaction at Luxury Hotels in India	Radhika Malhotra, Priyanka Srivastava, Parul Jhajharia, Rajat Gera	Vol. 20 (Issue 5): pp. 5121-5131	2021	Ilkogretim Online - Elementary Education Online	https://www.ilkogretim-online.org/fulltext/218-1618164349.pdf?1688529563
241	Mechanical	Jai Prakash Sharma	Failure Phenomena In Hydrodynamic Bearing	Jai Prakash Sharma, M.R Tyagi, G.D Thakre	Vol. 6 No. 3, December 2021	2021	International Journal of Mechanical Engineering	https://kalaharijournals.com/resources/DEC_427.pdf

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242	Mechanical	Jai Prakash Sharma	Selection of Appropriate Range of Operating Parameters for Tribological Simulation of Journal Bearings on a Test Rig	Jai Prakash Sharma, M.R Tyagi, G.D Thakre	Vol. 6 No. 3, December 2021	2021	International Journal of Mechanical Engineering	https://kalaharijournals.com/resources/DEC_428%20(2).pdf
243	CST	Alpana	Machine learning approach for automated legal text classification	Riya Sil, Alpana, Abhishek Roy	Vol. 13, Pages 242-251, 10p	2021	International Journal of Computer Information Systems & Industrial Management Applications	https://www.mirlabs.org/ijcisim/regular_papers_2021/IJCSIM_23.pdf
244	Education & Humanities	Geeta Thakur	A Study of Stress, Depress, and Anxiety in Secondary School Students during Covid-19 Lockdown in India by Reinforcement Learning Framework Using Q Learning Algorithm Techniques in Machine Learning	Ramashankar Chourasia, Geeta R. Thakur, Anurag Singh, Sakthi Ganesh Murugesan	Vol. 5(S1), Page No. 701–717, October 2021	2021	International Journal of Health Sciences	https://sciencescholar.us/journal/index.php/ijhs/article/view/14176/11421
245	Education & Humanities	Geeta Thakur	The prevalence and impact of workplace bullying on employees' psychological	Ms. Samiksha Singh, Dr. Sunil Rai, Dr. Geeta Thakur, Dr. Suchi Dubey,	Vol. 6(S10), Page No. 1380–1390, August 2021	2021	International Journal of Health Sciences	https://sciencescholar.us/journal/index.php/ijhs/article/view/14015

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			health and well-being	Dr. Anurag Singh, Dr. Ujjwal Das				
246	Mechanical	Prashant Bhardwaj & Sujata Nayak	Design and Simulation of a semi-transparent photovoltaic thermal (PVT) indirect solar dryer integrated with kitchen chimney using ANN technique	Prashant Bhardwaj, Sujata Nayak, Arvind Tiwari, & G N Tiwari	Vol. 28, December 2021, pp. 633-639	2021	Indian Journal of Engineering & Materials Sciences	http://op.niscair.res.in/index.php/IJEMS/article/view/45821/465480381
247	CST	Chandni Magoo	Cloud Attack classification using Supervised Machine Learning and Deep Neural Network	Madan Singh, Chandni Maggo, Kapil Raj Pokhra, Sanwara Ram, Giriraj Nagar, Jyoti Gajrani, Vinesh Jain	Issue:9, Pages 3729-3737, Dec-2021	2021	Design Engineering	http://www.thedesigengineering.com/index.php/DE/article/view/7376
248	Education & Humanities	Rashee Singh	A study of effect of different leadership styles of principal on teachers job satisfaction in secondary school teachers of Mumbai region	Ram Shankar Varma, Rashee Singh	Vol. No-42, Pages 288-300, 2021	2021	Journal of Modern Thamizh Research	Print Journal
249	Education & Humanities	Babita Parashar	Pandemic, Infodemic and People's resilience in India: Viewpoint	Shabbir Syed Abdul, Meghna Ramaswamy, Luis Fernandez-Luque,	Vol. 7, Issue 12, Article number e31645, Page 1-7, December 2021	2021	JMIR Public Health and Sureveillance	https://publ.ichealth.jmir.org/2021/12/e31645

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				Oommen John, Thejkiran Pitti, Babita Parashar				
250	Physics	Deepti Maikhuri	Numerical modeling for computation of confined energy states in oblate spheroidal quantum dots: effect of dot size, eccentricity and surrounding matrix	Deepti Maikhuri & Soumyadeep Manna	Vol.136, 1196	2021	European Physical Journal plus	https://link.springer.com/article/10.1140/epjp/s13360-021-02207-z
251	Physics	Deepti Maikhuri, Jai Parkash, Haider Abbas	Graphene sheet with periodic vacancy: A first principles study	Deepti Maikhuri, Jai Parkash, Haider Abbas	Vol.96, No. 12	2021	Physica Scripta	https://iopscience.iop.org/article/10.1088/1402-4896/ac40d7/meta
252	Management & Commerce	Pooja Kapoor	Impact of Media on the Health Consciousness of the Millennial Generation	Saumya Singh, Pooja Kapoor, Sanjay Srivastava, Anand Prakash	Vol.14, Issue 12, December 2021	2021	Prabhandhan: Indian Journal of Management	http://www.indianjournalofmanagement.com/index.php/pijom/article/view/167459
253	Law	Nidhi	Community Service Sentence' as an alternative mode of punishment in India- Analysis of the potential and feasibility	Udit Raj Sharma, Nidhi	Vol.24, No. 4	2021	Kala Sarovar	Print Journal

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254	Management & Commerce	Pooja Kapoor	MSME Performance impacted by its adoption-an appraisal of literature from developing and developed countries	S. Srilekh, Pooja Kapoor	Vol. 8, Issue 2, December 2021, pp. 26-34	2021	Journal of General Management Research	https://www.scmsnoida.ac.in/assets/pdf/journal/vol8Issue2/Paper%2003.pdf
255	Chemistry	A. Jayamani	Influence of co-ligand on the biological properties of Schiff base metal complexes: Synthesis, characterization, cytotoxicity, and antimicrobial studies	V. Thamilarasan, J. Kim, M. Azam, S. I. Al-Resayes, A. Stalin, B. S. Kannan, A. Jayamani, A. Arumugam, N. Sengottuvelan	https://doi.org/10.1002/aoc.6542	2021	Applied Organometallic Chemistry	https://onlinelibrary.wiley.com/doi/epdf/10.1002/aoc.6542
256	CST	Riya Sapra & Parneeta Dhaliwal	PlasmaBlock: a plasma donation blockchain system in COVID-19	Riya Sapra, Parneeta Dhaliwal	Vol. 25, Nos. 3/4, 2021	2021	International Journal of Networking and Virtual Organisations	https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijnvo
257	Law	Akansha Ghose	India's Transformative Constitutionalism: Role of Indian Supreme Court & competing Public Morality	Divyanshu Chaudhary, Akansha Ghose	Volume 7	2021	HNLU Journal of Law and Social Sciences	Print Journal
258	Education & Humanities	Rashee Singh	A comparative study on the occupational	Rashee Singh	XXII, No. 1	2021	Journal of Education, Rabindra	Print Journal

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			Aspiration of the BPL and Non-BPL Card holder students of Class 9th in the Government Schools of Haryana				Bharati University	
259	Physics	Dinesh Kumar Sharma, Annana Bardhan	Low latitude, topside ionosphere composition and its variation with changeable solar activity	Bindu Mangla, N K Dwivedi, Dinesh Kumar Sharma, Annana Bardhan, Anupama Rajput, S. Singh	Vol 50, November 2021, pp. 190-197	2021	Indian Journal of Radio and Space Physics	http://op.niscair.res.in/index.php/IJRSP/article/view/42954/465480562
260	ECE	Yogita Khanna	Multi-band polarization insensitive ultra-thin thz metamaterial absorber for imaging and emi shielding applications	Saxena G., Khanna Y., Awasthi Y.K., Jain P.	Vol. 10 No. 3 (2021)	2021	Advanced Electromagnetics	https://aemjournal.org/index.php/AEM/article/view/1759
261	CST	Alpana	An intelligent approach for automated argument based legal text recognition and summarization using machine learning	Riya Sil, Alpana, Abhishek Roy, Mili Dasmahapatra, Debojit Dhali	Vol. 41, No. 5, pp. 5457-5466, 2021	2021	Journal of Intelligent & Fuzzy Systems	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs189867
262	Chemistry	Sudhish Kumar Shukla	Evaluation of Corrosion Inhibition Properties of	Shukla S.K., Tanwer S.	Volume 8, Issue 4, 1099 - 1110, 30.11.2021	2021	Journal of the Turkish Chemical Society,	https://dergipark.org.tr/en/pub/jotc

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			Pharmaceutically Active Compound Cefotaxime Sodium on Mild Steel Surface in Sulfuric Acid Medium				Section A: Chemistry	sa/issue/64621/972325
263	Education & Humanities	Rashee Singh	Improving Student's learning ability through social constructivist approach	Ankit Maheswari and Rashee Singh	Volume 10; Issue 10 (C)); October 2021; Page No. 25410-25413	2021	International Journal of Current Advanced Research	https://journalijcar.org/sites/default/files/issue-files/12730-C-2021.pdf
264	CST	Alpana	A Review on Applications of Artificial Intelligence over Indian Legal System	Riya Sil, Alpana, Abhishek Roy	https://doi.org/10.1080/03772063.2021.1987343	2021	IETE Journal of Research	https://www.tandfonline.com/doi/abs/10.1080/03772063.2021.1987343?journalCode=tijr20
265	Education & Humanities	Geeta Thakur	Is behavioral response and stakeholder perception critical for effective governance?	Col. Avanindra Soni, Sunil Rai, Geeta Thakur, Anil Kumar, & Anurag Singh	Vol. 5(S2), Page No. 703–719, August 2021	2021	International Journal of Health Sciences	https://sciencescholar.us/journal/index.php/ijhs/article/view/13828
266	Chemistry	Priti Gupta	Evaluation of Cationic And Anionic Polyelectrolytes As A Coagulant Aids In Turbidity Removal From Surface Water	Shagufta Jabin, Priti Gupta, Jitander Kumar Kapoor	1071-1077 : Vol. 41 Issue. 9	2021	Indian Journal of Environmental Protection	https://www.e-ijep.co.in/41-9-1071-1077/

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
267	CST	Urmila Pilia	An analysis of 3d steganography techniques	Tanwar R., Pilia U., Zamani M., Manaf A.A.	2021, 10(19), 2357	2021	Electronics (Switzerland)	file:///C:/Users/user/Downloads/electronics-10-02357.pdf
268	CST	Parneeta Dhaliwal	Behavioural Evidence Analysis: A Paradigm Shift in Digital Forensics	Shree B., Dhaliwal P.	13(5):20-42	2021	International Journal of Digital Crime and Forensics	https://www.researchgate.net/publication/354283905_Behavioural_Evidence_Analysis_A_Paradigm_Shift_in_Digital_Forensics
269	Mechanical	Prashant Bhardwaj	Remaining useful life estimation by stochastic Markov Model and Monte-Carlo simulation	Smriti Mishra, Prashant Bhardwaj	Vol. 39, No. 1	2021	International Journal of Industrial and Systems Engineering	https://www.inderscience.com/info/article.php?artid=117654
270	Law	Ajay Bhatia	Relationship of Employee Advocacy and turnover intentions to Happiness of University Teachers in Delhi NCR	Ajay Bhatia, Farhat Mohsin	Vol. 23, Issue No. 4, 2021	2021	International Journal of Indian Culture and Business Management	https://www.inderscience.com/info/article.php?artid=117475
271	Chemistry	Megha Bansal	Chemico-Mineralogical Evaluation of Clinker from Four Different Zones of India: A Comparative	Gupta, S., Mohapatra, B.N. & Bansal, M	10, pages 448-457, 2021	2021	Metallography, Microstructure, and Analysis	https://link.springer.com/article/10.1007/s13632-021-00767-1

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			Study Toward Development of Portland Limestone Cement (PLC) in Indian Scenario					
272	ECE	K Deepa, Shruti Vashist	Density Based Fuzzy C Means Clustering to prolong Network Lifetime in Smart Grids	Deepa K., Zaheeruddin, Vashist S.	Vol.119, Issue-3	2021	Wireless Personal Communications	https://www.researchgate.net/publication/351465267_Density_Based_Fuzzy_C_Means_Clustering_to_prolong_Network_Lifetime_in_Smart_Grids
273	Chemistry	Sudhish Kumar Shukla	An overview of the polymeric materials that can be used to prevent metal corrosion: A review	Sudhish Kumar Shukla, Abhishek Dwivedi & Prem Kumar Bharti	Vol. 8 Issue 3, pp: 863-872, 2021	2021	Journal of Turkish Chemical Society Section A: Chemistry	https://dergipark.org.tr/en/pub/jotc/sa/issue/62350/894374
274	Physics	Sandeep Kumar	Simulation study of two color laser Wakefield acceleration	Singh J., Rajput J., Kant N., Kumar S.	Volume 2352, 5 August 2021, Article number 050043	2021	AIP Conference Proceedings	https://www.scopus.com/record/display.uri?eid=2-s2.0-85112704017&doi=10.1063%2f5.0053366&origin=inward&txGid=ff0fab79c3b28757380e4dc4cef0405

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275	Mathematics	Ruchi Gupta	Fixed Point Existence Results Of F-Kannan Type Contraction On A Metric Space With Directed Graph	Rakesh Batra, Ruchi Gupta & Priyanka Sahni	Vol.11 No. 5, Pg. No. 5181-5195	2021	Journal of Mathematics and Computational Science	https://doi.org/10.28919/jmcs/5929
276	Chemistry	Priti Gupta	Role of Adsorbents in Treatment of Pollutants from Aqueous Medium	Esmat Laiq, Sagufta Jabin, Priti Gupta	Volume 37, Number 4	2021	Oriental Journal of Chemistry	https://www.orientjchem.org/pdf/vol37no4/OJC_Vol37_No4_p_868-879.pdf
277	CST	Shailja Gupta, Manpreet Kaur and Sachin Lakra	BERT-BU12 Hate Speech Detection using Bidirectional Encoder-Decoder	Shailja Gupta, Manpreet Kaur and Sachin Lakra	Volume 11, Issue 2, pp 1-16	2021	International Journal of System Dynamics Applications, IGI Global	https://www.igi-global.com/pdf.aspx?tid=281695&ptid=281691&ctid=4&oa=true&isxn=
278	Management & Commerce	Animesh Singh & Rashi Banerji	Human Resource Development Climate and Employee Service Behavior in Banks: The Mediating Role of Organizational Commitment	Animesh Singh, Rashi Banerji	Vol. 12 No.1, pp.01-16.	2021	OPUS, HR Journal, SCHMRD, Pune	http://www.publishingindia.com/opus/53/human-resource-development-climate-and-employee-service-behavior-in-banks-the-mediating-role-of-organizational-commi

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								tment/30931/36374/
279	Management & Commerce	Rashi Banerji	Effects of Perceived Cost Service Value and Corporate Image On Customers Behavioural Intentions In the Healthcare Insurance Industry In Delhi-NCR	Khushboo, Rashi Banerji	Vol.12, Issue 7, July 2021:13809-13817	2021	Turkish Online Journal of Qualitative Inquiry	https://www.tojqi.net/index.php/journal/article/view/7427
280	Management & Commerce	Manmeet Bali Nag	Flexible work arrangement and work life balance in the Pandemic-An organizational perspective	Jayanti Sahay, Sanjay Srivastava, Manmeet Bali Nag	Vol. 25, Issue 02, 2021	2021	International Journal of Psychosocial Rehabilitation	https://www.psychosocial.com/article-category/issue-2-volume-25/
281	Chemistry	Vinayak V. Pathak	Response surface methodology–based extraction optimization with application of ZrCl ₄ as novel quenching agent for enhancement of bio-oil yield from Jatropha curcas and Chlorella pyrenoidosa	Ahmad S., Kothari R., Pathak V.V., Tyagi V.V., Pandey A.K., Sari A.	https://doi.org/10.1007/s13399-021-01705-5	2021	Biomass Conversion and Biorefinery	https://www.researchgate.net/publication/353348033_Response_surface_methodology-based_extraction_optimization_with_application_of_ZrCl₄_as_novel_quenching_agent_for_enhancement_of_bio-oil_yield_from_Jatropha_curcas_an

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								d_Chlorella _pyrenoidosa
282	CST	Mamta Arora	Improved performance of machine learning algorithms for prognosis of cervical cancer	Mamta Arora, Sanjeev Dhawan and Kulvinder Singh	Volume 6, Number 3, July 2021, pages 191-205	2021	Advances in Computational Design	http://www.techno-presents.org/content/?page=article&journal=acd&volume=6&number=3&ordernum=2#
283	CST	Prinima Gupta	A novel prediction algorithm for multivariate data sets	Sagar P., Gupta P., Tanwar R.	Volume 4, Issue 2, 2021, Pages 225-240	2021	Decision Making: Applications in Management and Engineering	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111695435&doi=10.31181%2FDAME210402215S&partnerID=40&md5=338c8a5fd85c8fe8e204dbad4d7b7963
284	Management & Commerce	Priyanka Chadha	Mobile shopping apps adoption: A systematic literature review	Gera R., Chadha P., Ahuja V.	Volume 16, Issue 3, 2021, Pages 239-261	2021	International Journal of Electronic Business	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111687077&doi=10.1504%2fIJEB.2021.116599&partnerID=40&md5

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								=ae64c2d7b698330fe81670ef078950f2
285	Chemistry	Vinayak V. Pathak	Utilization of Chlorella pyrenoidosa for Remediation of Common Effluent Treatment Plant Wastewater in Coupling with Co-relational Study: An Experimental Approach	Kothari R., Pandey A., Ahmad S., Singh H.M., Pathak V.V., Tyagi V.V., Kumar K., Sari A.	https://doi.org/10.1007/s00128-021-03292-7	2021	Bulletin of Environmental Contamination and Toxicology	https://link.springer.com/article/10.1007/s00128-021-03292-7
286	ECE	Shruti Vashist	Power Allocation Optimization for Non Orthogonal Multiple Access	Dipa Nitin Kokanea, Geeta Nijhawarb, Shruti Vashist	Volume 12, Issue 7, July, 2021:1112-1119	2021	Turkish Online Journal of Qualitative Inquiry	https://www.tojqi.net/index.php/journal/article/view/3836/2608
287	CST	M. Thurai Pandian, Sanjay Singh & Ankur Kumar Aggarwal	Secured medical document extraction in E-Health Care system using data mining techniques	M. Thurai Pandian, P. Damodharan, S. Singh, Ankur Kumar Aggarwal	https://doi.org/10.1016/j.matpr.2021.06.379	2021	Material Today: Proceeding	https://doi.org/10.1016/j.matpr.2021.06.379
288	Chemistry	Vinayak V. Pathak & Megha Bansal	Co-digestion of wheat straw and animal manure pretreated with calcium hydroxide for biomethane	Rani, P., Pathak, V.V., Bansal, M.	Volume-4, Page No.100145	2021	Current Research in Green and Sustainable Chemistry	https://doi.org/10.1016/j.crgsc.2021.100145

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			production: Kinetic study					
289	Chemistry	Pradeep K. Varshney	Metal air battery: A sustainable and low cost material for energy storage	Deepti Ahuja, Kalpna Varshney and Pradeep K Varshney	Vol. 1913 (2021), 012065	2021	Journal of Physics: Conference Series	https://iopscience.iop.org/article/10.1088/1742-6596/1913/1/012065/pdf
290	CST	Gunjan Chandwani	An approach for document retrieval using cluster-based inverted indexing	Chandwani G., Ahlawat A., Dubey G.	Volume 49, Issue 3, June 2021	2021	Journal of Information Science	https://journals.sagepub.com/doi/full/10.1177/01655515211018401
291	Mathematics	Dinesh Tripathi	On the Derivative of a Rational Polynomial with Prescribed Poles	Dinesh T., Hans S., Tyagi B.	Volume 15, Issue 2, June 2021, Pages 453-460	2021	Journal of Mathematical Inequalities	https://www.scopus.com/record/display.uri?eid=2-s2.0-85109434733&doi=10.7153%2fjmi-2021-15-33&origin=inward&txGid=71f20d3952017a02ea566b7a3e9f3abb&featureToggle=FEATURE_NEW_DOC_DETAILS_EXPORT:1
292	ECE	Yogita Khanna	A single layer wideband metasurface absorber for	Yogita Khanna and	Volume 14 , Issue 5 ,	2021	International Journal of Microwave	https://doi.org/10.1017

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			electromagnetic interference minimization in Ku-band applications	Y. K. Awasthi	June 2021 , pp. 573 - 579		and Wireless Technologies	/S1759078721000970
293	Mathematics	Ramapati Maurya	A Note on q -MKZ Operators using Generating Functions	Honey Sharma, Ramapati Maurya	Volume 17, Number 2 (2021), 177-187	2021	Journal of Classical Analysis	http://dx.doi.org/10.7153/jca-2021-17-11
294	Mathematics	Aparna Vyas	Minimally Supported Frequency (MSF) d -Dilation Wavelets	Aparna Vyas and Gibak Kim	Vol. 9, 1284. pp. 1-9, June 2021	2021	Mathematics	https://doi.org/10.3390/math9111284
295	Law	Chaitali Wadhwa	An analysis of the Right to Health in India	Chaitali Wadhwa	Volume VII, Issue 1, pg 20-33, June 2021	2021	IILS Law Review	https://www.iilsindia.com/download/IILS-Law-Review-Vol-7-2021.pdf
296	Management & Commerce	Priyanka Chadha	Antecedents of Indian green consumer purchase intentions and behaviour: A review and future research directions	Gera R., Chadha P.	Vol. 14, No. 4, Pages 485-518 May 2021	2021	International Journal of Management Practice	https://www.scopus.com/record/display.uri?eid=2-s2.0-85111690608&doi=10.1504%2fIJMP.2021.116585&origin=inward&txGid=803431bef0ed3832e637f2aad4f26516&featureToggles=FEATURE_NEW_DOC_DE

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297	ECE	K.Deepa & Shruti Vashist	Density Based Fuzzy C Means Clustering to prolong Network Lifetime in Smart Grids.	K. Deepa, Zaheeruddin & Shruti Vashist	Volume 118, issue 1	2021	Wireless Personal Communications Springer	Density Based Fuzzy C Means Clustering to prolong Network Lifetime in Smart Grids SpringerLink
298	Law	Akansha Ghose	Socio-climatic analysis of Waste Management at household level	Akansha Ghose	Volume 9 Issue 1	2021	Journal of Global Research and Analysis	https://mail.google.com/mail/u/0/?ogbl#inbox/FMfcgzGllCnkdwbgfWZXMKqmwXTRBvCT?projector=1&messagePartId=0.1
299	Law	Ajay Bhatia	An Empirical Investigation of Quality of Work Life on Teachers' Workplace Happiness during Challenging Times	Ajay Bhatia, Farhat Mohsin, Nandini Srivastava	Volume 20, Special Issue 1	2021	Empirical Economics Letters	http://www.eel.my100mgs.com/volume-20-number-5-1-special-issue.htm
300	CST	Urmila Pilia & Prinima Gupta	Performance Analysis of Open-Source Image Steganography Tools	Urmila Pilia, Rohit Tanwar and Prinima Gupta	Vol. 8(1), Page No.50-67	2021	Journal of Engineering and Applied Sciences	http://jecas.mu.org/?mno=57637

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301	Mathematics	Aparna Vyas	Image Denoising Using Hard Threshold Techniques on Wavelet Transform and Shearlet Transform	Ankita Yadav, Riya Fagna and Aparna Vyas	Volume VI Issue V, pp. 29-38, May 2021.	2021	International Journal of Technical Research & Science	https://www.ijtrs.com/uploaded_paper/IMAGE%20DENOISING%20USING%20HARD%20THRESHOLD%20TECHNIQUES%20ON%20WAVELET%20TRANSFORM%20AND%20SHEARLET%20TRANSFORM.pdf
302	CST	Riya Sapra, Parneeta Dhaliwal	Blockchain: The perspective future of technology	Sapra R., Dhaliwal P.	Volume-16, Issue-2, Article-1, April-June 2021	2021	International Journal of Healthcare Information Systems and Informatics	https://www.igi-global.com/pdf.aspx?tid=269403&ptid=253987&ctid=4&oa=true&isxn=9781799859796
303	Mathematics	Y.K Sharma	Mathematical Modeling of Crops Production in India: Future estimate	Y K Sharma, Ashish Yadav and Anurag Vashishth	Vol. 8. Issue 2(1), April to June 2021	2021	International Journal of Advance & Innovation Research	https://mail.google.com/mail/u/0/?tab=rm&ogbl#advanced-search/form=yksharma%40mru.edu.in&subset=all&within=1d&sizeoperator=s_sl&sizeunit=s

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								_smb&query=from%3A(yksharma%40mru.edu.in)/FMfcgzGjljqKwLmQtbGgkJlG HktsWT?projector=1&messagePartId=0.1
304	CST	Manoj Kumar	Automating the Indian transportation system through intelligent searching and retrieving with Amazon Elastic Compute Cloud	Yadav, S., Yadav, D.K., Budati, A.K., Kumar, M., Suri, A.	Volume-10, Issue-3, Page No. 123-128	2021	IET Networks	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/ntw2.12021
305	CST	Mamta Arora	Cervix image classification for prognosis of cervical cancer using deep neural network with transfer learning	Dhawan, S., Singh, K., Arora, M.	Volume-7, Issue-27, Art no. e5	2021	EAI Endorsed Transactions on Pervasive Health and Technology	http://dx.doi.org/10.4108/eai.12-4-2021.169183
306	Mathematics	Ruchi Gupta	A Modified Hungarian methodology to solve assignment problem	Sapna, Ruchi Gupta	Volume 50, Issue 04, Page No.1-8	2021	Journal of Huazhong University of Science and Technology	https://app.box.com/s/3d6wlfthkg3lc2is162p7tq9bmx7hjic
307	CST	Urmila Pilia & Prinima Gupta	Stable High-Capacity Video Steganography in Wavelet Domain	Urmila Pilia, Rohit Tanwar and Prinima Gupta	Vol.12(7), Page No. 2142- 2158	2021	Turkish Journal of Computer and Mathematics Education	https://turcomat.org/index.php/turkbilmat/article/view/3361/2885

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308	Management & Commerce	Pragati Chauhan	Do Oil and Gas Companies Comply with Requirements of IFRS 6?: Evidence from India and Global Companies	Poswal, D., Chauhan, P.	Volume 8, Issue 3, Pages.399-409	2021	The Journal of Asian Finance, Economics and Business	https://www.koreascience.or.kr/article/JAKO202106438543359.view?orgId=kodisa
309	CST	Prinima Gupta	Time Series Modelling Algorithm for Prediction of Earthquakes in Nepal	Sumita Mukherjee, Prinima Gupta, Felix Musau	Vol. 9, No.2, March 2021	2021	Information Technology in Industry	https://it-in-industry.org/index.php/itii/article/view/302/262
310	CST	Mrinal Pandey	Ensemble-based data modeling for the prediction of energy consumption in HVAC plants	Goyal M., Pandey M.	Volume-7, Issue-1, Pages 49–64	2021	Journal of Reliable Intelligent Environments	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=9j3G5FkAAAAJ&citation_for_view=9j3G5FkAAAAJ:Se3iqnhoufwC
311	Physics	Nitika, Aditya Sharma & Shiv Kumar Dixit	Mechanistic insights on improved performance of PCDTBT:PC71BM hetero-structured organic photovoltaic cells via interfacing	Nitika, Sakshi Gupta, Shiv Kumar Dixit,, Aditya Sharma, Ankush Vij, Chhavi Bhatnagar, Anita Kumari, Vinod Kumar, B.M. Bahal, Ram K. Sharma and	https://doi.org/10.1007/s13204-021-01789-5	2021	Applied Nanoscience	https://link.springer.com/article/10.1007/s13204-021-01789-5

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			CdSe/ZnS nanostructures	P.K. Bhatnagar				
312	CST	Urmila Piliaia & Prinima Gupta	A roadmap of steganography tools: conventional to modern	Urmila Piliaia, Rohit Tanwar, Prinima Gupta and Tanupriya Choudhury	29, pages 761–774 (2021)	2021	Spatial Information Research (SPIR) (Springer)	https://link.springer.com/article/10.1007/s41324-021-00393-7
313	Chemistry	Arpit Sand	Effects of Reaction Parameters on Water Absorption of Poly(itaconic acid) Superabsorbent Particles Synthesized Inverse Suspension Polymerization	Sand, Arpit; Shin, Nam Jae; Nam, Hyun-Gu; Kwark, Young-Je	Vol. 22, No.4, Page No. 898-903	2021	Fibers and Polymers	https://link.springer.com/article/10.1007/s12221-021-0459-2
314	ECE	Bhanu Pratap Chaudhary	A tutorial on cooperative non-orthogonal multiple access networks	Chaudhary B.P., Shankar R., Mishra R.K.	https://doi.org/10.1177/1548512920986627	2021	The Journal of Defense Modeling and Simulation: Applications, Methodology , Technology	https://journals.sagepub.com/doi/abs/10.1177/1548512920986627
315	CST	Prinima Gupta	A forecasting method with efficient selection of variables in multivariate data sets	Pinki Sagar, Prinima Gupta, Indu Kashyap	Vol. 13, pages 1039–1046, February 2021	2021	International Journal of Information Technology	https://link.springer.com/article/10.1007/s41870-021-00619-9#:~:text=COD%20helps%20in%20selecting%20suita

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								ble,explains %20and%20forecasts %20upcoming%20outcomes.
316	Law	Chaitali Wadhwa & Pooja Trehan	Complexities of the workplace for the LGBTQ + Community:A Comparison of India and the United States	Chaitali Wadhwa, Pooja Trehan	Issue VI	2021	International Review of Human Rights Law	https://irhrl.com/wp-content/uploads/2021/02/Chaitali-Wadhwa-and-Pooja-Trehan-COMPLEXITIES-OF-THE-WORKPLACE-FOR-THE-LGBTQ-COMMUNITYSixth-IssueIRHRL.pdf
317	Chemistry	Sudhish Kumar Shukla	Surface Assimilation and Corrosion Inhibition Characteristics of Water Soluble Polyvinyl Alcohol on Mild Steel Surface in 0.5 M HCl Solution	Abhishek Dwivedi, Prem Kumar Bharti, Sudhish Kumar Shukla	Vol. 8. Issue 1, Page no. 217 - 228	2021	Journal of the Turkish Chemical Society, Section A: Chemistry	https://dergipark.org.tr/en/download/article-file/1289656
318	Physics	Haider Abbas	Reactivity between medium-sized silicon cluster and NO ₂ : first principles study	Ankur Chahal and Haider Abbas	Volume No. 27, Art No.88	2021	Journal of Molecular Modeling	https://link.springer.com/article/10.1007/s00894-021-04667-7
319	Management &Commerce	Rashi Banerji	Cashless Payments in	Rashi Banerji	Vol.10 No.4, Page No.309	2021	International Journal of	https://www.inderscie

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			India: An Empirical Study on Credit Card Selection and Usage Preferences		- 321, February 2021		Financial Services Management	nceonline.com/doi/pdf/10.1504/IJFSM.2020.113162
320	Chemistry	Harsha Devnani	Supersensitive Detection of Anions in Pure Organic and Aqueous Media by Amino Acid Conjugated Ellman's Reagent	S. Dhawan, H. Devnani, J. Babu, H. Singh, M. A. Haider, T. S. Khan, P. P. Ingole, V. Haridas	Vol. no. 4, Issue-3, Pg. No. 2453–2464	2021	ACS Applied Bio Materials	https://dx.doi.org/10.1021/acsabm.0c01431
321	Mathematcs	Ramapati Maurya	Durrmeyer type modification of (p, q) -Sz'asz Mirakjan operators and their quantitative estimates	Honey Sharma, Ramapati Maurya	Volume 30 (2021), No. 1, Pages 97 - 106	2021	Creative Mathematics & Informatics	https://doi.org/10.37193/CMI.2021.01.12
322	Mechanical	Pradeep Kumar Mouria	Measurement of residual stress on H13 tool steel during machining for fabrication of FSW/FSP tool pin	Ravi Butola, Naman Choudary, Ravi Kumar, Pradeep Kumar Mouria, Mohammad Zubair, Ranganath M.Singari	Vol. 43, Part 1, 2021, pages 256-262	2021	Materials today: Proceeding	http://doi.org/10.1016/j.matpr.2020.11.656
323	ECE	Lokesh Bhardwaj	Sum rate capacity of non-orthogonal multiple access scheme with	Bhardwaj L., Mishra R.K., Shankar R.	https://doi.org/10.1177/1548512920983531	2021	Journal of Defense Modeling	https://journals.sagepub.com/doi/abs/10.1177/

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			optimal power allocation				and Simulation	1548512920983531
324	Law	S.K. Bose	An Insight into Free Speech, Dissent, Right to Protest, Strikes and Lockouts	S.K. Bose	Vol. 4, Issue-1, Pages 83-91, January 2021	2021	International Journal of Mechanical Engineering and Technology	https://www.ijlmh.com
325	Law	Seema Gupta	Are we doing enough to protect ourselves digitally? – An empirical study	Seema Gupta	All India Reporter, January 2021, Journal section, page 1 (https://www.aironline.in , 19/01/2021)	2021	All India Reporter, Journal Section	https://www.aironline.in/visitorFullContent.html
326	Mathematics	Aparna Vyas	Comparative Study of Wavelet Transform and Wavelet Packet Transformation in Image Denoising using Thresholding Technique	Ridhi Bhatnagar and Aparna Vyas	Vol. VI, Issue I, January 2021	2021	International Journal of Technical Research & Science	https://ijtrs.com/uploaded_paper/COMPARATIVE%20STUDY%20OF%20WAVELET%20TRANSFORM%20AND%20WAVELET%20PACKET%20TRANSFORMATION%20IN%20IMAGE%20DENOISING%20USING%20THRESHOLDING%20T

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
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327	Physics & CST	Shiv Kumar, Nitika & Haider Abbas	Excited State and Charge Transfer Dynamics in Gas phase Molecule of CH ₃ NH ₃ PbI ₃ : First-Principles Study	Nitika, Shiv Kumar Dixit and Haider Abbas	Vol. No.27, Article-27	2021	Journal of Molecular modeling	https://link.springer.com/article/10.1007%2Fs00894-020-04635-7
328	Law	Ashima Saxena	Does Aging impacts on Financial Behavior and Investment Decisions	Ashima Saxena	Vol.12, Issue-3, Pg. no. 8-13	2021	Global Journal of Enterprises Information System	https://gjeis.com/index.php/GJEIS/article/view/580
329	Management & Commerce	Manmeet Bali Nag	Flexible Work arrangements: A tool of strategic Human Resource Management and Competitive advantage	Jayanti Sahay, Dr Sanjay Srivastava, Manmeet Bali Nag	Vol. 44, No.01 (XIV), January – March 2021	2021	The South Asian Journal of Evaluation in Practice	https://www.sambodhi.co.in/south-asian-journal
330	CST	Susmita Ray	An Analysis of Computational Complexity and Accuracy of Two Supervised Machine Learning Algorithms—K-Nearest Neighbor and Support Vector Machine	Ray S	Volume-1174, Pages 335–347	2021	Advances in Intelligent Systems and Computing	https://link.springer.com/chapter/10.1007/978-981-15-5616-6_24

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331	Chemistry	Priti Gupta	Effect of Polyvinyl alcohol on the physicochemical properties of soil and soil amino acid interaction	Jamal Ahmad Khan, Shagufta Jabin, Priti Gupta	Year 2021, Volume 10, Issue 1, Pages 32 - 37	2021	Eurasian Journal of Soil Science	https://dergipark.org.tr/pub/ejss/issue/56856
332	CST	Manpreet Kaur	PE-MSC: partial entailment-based minimum set cover for text summarization	Anand Gupta, Manpreet Kaur, Sonaali Gupta, Swati Garg	63, pages 1045–1068 (2021)	2021	Knowledge and Information Systems	https://link.springer.com/article/10.1007/s10115-020-01537-1
333	Law	Ajay Bhatia	Role of Workplace Happiness in Achieving Sustainable Academic Performance: A Study on Selected Private Universities in Delhi NCR	Ajay Bhatia, Farhat Mohsin	DOI:10.1504/WREMSD.2021.10036241	2021	World Review of Entrepreneurship Management and Sustainable Development	https://www.researchgate.net/publication/349987489_Role_of_workplace_happiness_in_achieving_teachers_sustainable_academic_performance_a_study_on_selected_private_universities_in_Delhi_NCR
334	Mechanical	I.K. Bhat	Mechanical physical and wear properties of some oxide ceramics for hip joint application: A short review	Goswami C., Patnaik A., Bhat I.K., Singh T.	Volume 44, Part 6, 2021, Pages 4913-4918	2021	Materials Today: Proceedings	https://www.sciencedirect.com/science/article/pii/S221478532039564X#!

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335	Management & Commerce	Animesh Singh	Role of Human Resource Development Climate on Organizational commitment in Auto Component Manufacturing Units in India: An Empirical Investigation	Animesh Singh & Urvesh Chaudhery	Vol 9, Issue 2,	2021	Drishtikon: A Management Journal	https://www.researchgate.net/publication/350835762_Role_of_Human_Resource_Development_Climate_on_Organizational_Commitment_in_Auto_Component_Manufacturing_Units_in_India_An_Empirical_Investigation
336	Law	S.K. Bose	Legal Research-An Inter-disciplinary Approach	S.K. Bose	Vol. 6, No.12, December 2020	2020	International Journal of Arts, Humanities and Management Studies	http://www.ijahms.com/CurrentIssueDetails.aspx?ID=83
337	Law	Som Dutt Bhardwaj	Faculty Development Programmes and Its Effect Of Teaching Learning Process : Study of Institutions For Legal Institutions In NCR	Som Dutt, Archana Sehrawat	Vol. 7, Issue 28, October-December, 2020	2020	Shodh Sarita	Print Journal
338	Chemistry	Megha Bansal	Determination of sun protection factor of vegetable	Tanya Sharma, Vinika Tyagi, Megha Bansal	Vol.18, December 2020, 100347	2020	Sustainable Chemistry and Pharmacy	https://www.sciencedirect.com/science/article

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			and fruit extracts using UV-Visible spectroscopy: A green approach					/abs/pii/S2352554120305866
339	Mechanical	Sanjay Taneja	Effect of tyre unbalance on performance of vehicle	Sanjay Taneja	Vol. 11, Issue 12, December 2020, pp. 12-18	2020	International Journal of Mechanical Engineering & Technology	https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_11_ISSUE_12/IJMET_11_12_002.pdf
340	Mathematics	Kalpna Shukla	Higher order duality for a new class of nonconvex semi-infinite multiobjective fractional programming with support functions	Tadeusz Antczak & Kalpna Shukla	Vol. 10, Number 6, Page No.-2806-2825	2020	Journal of Applied Analysis and Computation	http://www.jaac-online.com/article/doi/10.11948/20180261
341	Physics	Ananna Bardhan & Dinesh Kumar Sharma	Low latitude ionospheric variations during geomagnetic storms measured using ROCSAT-1 satellite observations	Geeta Rana, Ananna Bardhan, Dinesh Kumar Sharma, Mani Kant Yadav	Vol. 49, Page no. 171-179, December 2020	2020	Indian Journal of Radio and Space Physics	http://noprniscair.res.in/bitstream/123456789/57662/1/IJRSP-171-179.pdf
342	CST	Mrinal Pandey	A Systematic Analysis for Energy Performance Predictions in Residential	Goyal, M., Pandey, M	Volume-46, Issue 4, Page No. 3155-3168	2020	Arabian Journal for Science & Engineering	https://searchworks-lb.stanford.edu/articles/asx_149150301

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			Buildings Using Ensemble Learning					
343	ECE	Lokesh Bhardwaj	Investigation of low-density parity check codes concatenated multi-user massive multiple-input multiple-output systems with imperfect channel state information	Bhardwaj L., Mishra R.K., Shankar R.	https://doi.org/10.1177/1548512920968639	2020	Journal of Defense Modeling and Simulation	https://journals.sagepub.com/doi/abs/10.1177/1548512920968639
344	Law	S.K. Bose	The Intersectionality of Literature Law Culture and Society	S.K. Bose	Vol. 6, Issue-11, November 2020	2020	International Journal of Arts, Humanities and Management Studies	http://www.ijahms.com/CurrentIssueDetails.aspx?ID=83
345	Physics	Aditya Sharma	150 KeV Cu–ion-implantation in SrVO3 thin films: A study of Cu induced defect states	Himani Saraswat, Surekha Chaudhary, Mayora Varshney, Devarani Devi, Fouran Singh, SO Won, Hyun-Joon Shin, Aditya Sharma	Volume 181, November 2020, page-109655	2020	Vacuum (Elsevier)	https://www.sciencedirect.com/science/article/abs/pii/S0042207X20305170
346	CST	Prinima Gupta	Perception And Administering Regression Analysis On	Ms. Sumita mukherjee, Dr. Prinima	Vol. 17, No. 9, November 2020	2020	PalArch's Journal of Archaeology	https://archives.palarch.nl/index.php/jae/article

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			Earthquake Data For Finding An Appropriate Correlation: Case Study On Nepal Earthquake	Gupta, Prof. Felix Musau			of Egypt/ Egyptology	/view/3998/3937
347	Chemistry	Vinayak V. Pathak	Assessment of Indian bioenergy policy for sustainable environment and its impact for rural India: Strategic implementation and challenges	Kothari R., Vashishtha A., Singh H.M., Pathak V.V., Tyagi V.V., Yadav B.C., Ashokkumar V., Singh D.P.	Vol. No.-20, Art No.101078	2020	Environmental Technology and Innovation	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089740663&doi=10.1016%2fj.eti.2020.101078&partnerID=40&md5=00c7089d4f10ef09018358c975890d88
348	Chemistry	Vinayak V. Pathak	Optimization of direct transesterification of Chlorella pyrenoidosa catalyzed by waste egg shell based heterogenous nano-CaO catalyst	Shamshad Ahmad, Shalini Chaudhary, Vinayak V Pathak, Richa Kothari, Vineet V Tyagi	Volume 160, Page 86-97, November 2020	2020	Renewable Energy	https://www.sciencedirect.com/science/article/abs/pii/S0960148120309046?via%3Dihub
349	Management & Commerce	Parul Jhajharia, Manmeet Bali Nag	Role of Organizational Culture in Driving Employee Engagement:	Suneet Soni, Parul Jhajharia, Manmeet Bali Nag	Vol.-43, No.-04 (XIII) October-December (2020)	2020	The South Asian Journal of Evaluation in Practice	https://www.sambodhi.co.in/south-asian-journal

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			An Empirical Study Of A Leading Two-Wheeler Indian Manufacturing Company					
350	Physics	Aditya Sharma	Switchable cool and cold white emission from dysprosium doped SrZnO ₂	Manju, Megha Jain, Pargam Vashishtha, Govind Gupta, Aditya Sharma, Sung Ok Won, Ankush Vij, Anup Thakur	Volume 33, Number 3	2020	Journal of Physics: Condensed Matter	https://iopscience.iop.org/article/10.1088/1361-648X/abb9c9c/meta
351	ECE	Niharika Thakur	Reliability and Power Quality Improvement Under Deregulated Environment Using Enthalpy Based Grey Wolf Optimizer	Niharika Thakur, Y.K. Awasthi, A.S. Siddiqui	12, pages 31–59 (2021)	2020	Energy Systems	https://link.springer.com/article/10.1007%2Fs12667-020-00409-5
352	Chemistry/ Mathematics	Arpit Sand & Aparna Vyas	Superabsorbent composites (SACs) based on Xanthan Gum -g-poly (Itaconic acid)/Kaolinite	Preeti Sharma, Anju Dagar, Sapna, Aparna Vyas, Arpit Sand	78, 6441–6454 (2021)	2020	Polymer Bulletin (Springer)	https://link.springer.com/article/10.1007/s00289-020-03436-5#citeas
353	Mechanical	Joginder Singh	Effect of Angular Orientation of Continuous Fibers on the Extensional Properties of	Joginder Singh, M.R. Tyagi	Springer Nature Singapore Pte Ltd. Lecture Notes in Mechanical	2020	Lecture notes in Mechanical Engineering	https://doi.org/10.1007/978-981-15-5519-0_1

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			Carbon Fiber Composites		Engineering, https://doi.org/10.1007/978-981-15-5519-0_1			
354	CST	Jyoti Pruthi	Barriers which impede the implementation of an effective deep web data extraction in vbps	Chaudhary M., Pruthi J.	Volume 140, Page no. 345-354	2020	Lecture Notes in Networks and Systems	https://link.springer.com/chapter/10.1007/978-981-15-7130-5_26
355	ECE	K. Deepa & Shruti Vashist	Energy-efficient density-based Fuzzy C-means clustering in WSN for smart grids	K. Deepa, Zaheeruddin Zah, Shruti Vashist	Volume-38, Issue 3, September 2020 , Page no.-181-187	2020	Australian Journal of Multi-Disciplinary Engineering	https://www.tandfonline.com/doi/full/10.1080/14488388.2020.1811454
356	Physics	Aditya Sharma	Approaches to synthesize MgO nanostructures for diverse applications	Jitendra Pal Singh, Varsha Singh, Aditya Sharma, Ganesh Pandey, Keun Hwa Chae Sangsul Lee	Vol. 6, Issue 9, September 2020, e04882	2020	Heliyon (Elsevier)	https://www.sciencedirect.com/science/article/pii/S2405844020317254
357	Mathematics	Dinesh Tripathi	A Refinement of an Inequality Due to Ankeny and Rivlin	Dinesh Tripathi	Vol. 65, Issue-3, Page no. 325-332	2020	Studia Universitatis Babeş-Bolyai Mathematica	https://www.researchgate.net/publication/346908031_A_refinement_of_an_inequality_due_to_Ankeny_and_Rivlin

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358	CST	Mamta Arora	Deep learning in health care: Automatic cervix image classification using convolutional neural network	Arora M., Dhawan S., Singh K.	Volume 140, Page no. 145-151	2020	Lecture Notes in Networks and Systems	https://link.springer.com/chapter/10.1007/978-981-15-7130-5_10
359	Physics	Jai Prakash Sharma & Aditya Sharma	Structural and electronic-structure investigations of defect states in Cu-ion-implanted SnO ₂ thin films	Surekha Chaudhary, Himani Saraswat, Devarani Devi, Pawan Kulriya, Fouran Singh, Sung-OkWon, Hyun-JoonShin, Jai Parkash Sharma, Aditya Sharma	Volume 179, September 2020, 109481	2020	Vacuum	https://www.sciencedirect.com/science/article/abs/pii/S0042207X20303456
360	ECE	K. Deepa & Shruti Vashist	MDRP: An Energy-Efficient Multi-Disjoint Routing protocol in WSNs for Smart Grids	Deepa K., Zaheeruddin, Vashist S.	Vol.-13, Issue-1, Pages-1-15	2020	International Journal on Smart Sensing and Intelligent Systems	https://www.exeley.com/in_journal_smart_sensing_and_intelligent_systems/doi/10.21307/ijssis-2020-016
361	ECE	Yogita Khanna	Ultra-Thin Wideband Polarization-Insensitive Metasurface	Yogita Khanna and Y. K. Awasthi	Vol. 49, pages 6410–6416	2020	Journal of Electronic Materials	https://doi.org/10.1007/s11664-020-08386-2

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			Absorber for Aviation Technology					
362	Physics	Sandeep Kumar	Evolution of magnetic field in a weakly relativistic counterstreaming inhomogeneous e ⁻ /e ⁺ plasmas	Sandeep Kumar, Y.K. Kim, T. Kang, M. S. Hur, Moses Chung	Volume 38, Issue 3, September 2020 , pp. 181-187	2020	Laser and Particle beams	https://doi.org/10.1017/S0263034620000233
363	Physics	Aditya Sharma	Probing defects and electronic structure of Eu doped t-Mg ₂ B ₂ O ₅ nanocrystals using X-ray absorption near edge spectroscopy and luminescence techniques	Jitender Kumar, Aditya Sharma, Sung Ok Won, Ravi Kumar, Keun Hwa Chae, Shalendra Kumar, Ankush Vij	Vol. 180, (2020) Page-109602	2020	Vacuum (Elsevier)	https://www.sciencedirect.com/science/article/abs/pii/S0042207X20304656
364	Mathematics	Ruchi Gupta	Differences of Operators of Generalized Szász Type	Arun Kajla, Ruchi Gupta	July 6 (2020), no. 2, Page No.141-154	2020	Khayyam Journal of Mathematics	http://www.kjm-math.org/article_109811.html
365	Management & Commerce	Rajat Gera	Investigation of Artificial Intelligence Techniques in	Tiwari R., Srivastava S., Gera R.	Volume-173, 2020, Pages 149-157	2020	Procedia Computer Science	https://www.sciencedirect.com/science/article/pii/S18770

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			Finance and Marketing					50920315234
366	Chemistry	Megha Bansal	Adsorption of Eriochrome Black-T(EBT) using tea waste as a low cost adsorbent by batch studies: A green approach for dye effluent treatments	Bansal M., Patnala P.K., Dugmore T.	Volume-3, June 2020, 100036	2020	Current Research in Green and Sustainable Chemistry	https://www.sciencedirect.com/science/article/pii/S2666086520300394#!
367	Chemistry	Megha Bansal	A review on development of Portland limestone cement: A step towards low carbon economy for Indian cement industry	Gupta S., Mohapatra B.N., Bansal M.	Volume 3, June 2020, 100019	2020	Current Research in Green and Sustainable Chemistry	https://www.sciencedirect.com/science/article/pii/S2666086520300229
368	CST	Shailja Gupta, Manpreet Kaur & Sachin Lakra	Performance Evaluation of Supervised Learning Algorithm on Hate Speech Detection	Shailja Gupta, Manpreet Kaur, Sachin Lakra, Yogesh Dixit	Vol.12, Special Issue-07, Page no. 2953-2960, June 2020	2020	Journal of Advanced Research in Dynamical and Control Systems	https://www.jardcs.org/abstract.php?id=5867
369	Law	S.K. Bose	Law & Federalism-In the Grip of Politics	S.K.Bose	Vol. 2, Issue 2, June 2020	2020	White & Black Legal International Journal	https://www.whiteblacklegal.co.in/wp-content/uploads/2020/06/Vol-2-Issue-2-Dr-S.K-Bose-3.pdf

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370	Education & Humanities	Rashee Singh	Ethical Dilemmas of a Teacher	Rashee Singh, Sheena Sabharwal	Vol.10, Issue 6, June 2020	2020	Pramana Research Journal	https://www.google.com/search?ei=eJz7W8eSK5eA9QOYhIHgAQ&q=pramanaresearch.org%2FCURRENT-ISSUE&oq=pramanaresearch.org%2FCURRENT-ISSUE
371	Law	Ajay Bhatia	Measuring Happiness of University Teachers during Challenging Times	Ajay Bhatia ,Dr. Farhat Mohsin	Vol. 29, No. 10S, (2020), pp. 7805-7817	2020	International Journal of Advanced Science and Technology	http://sersc.org/journals/index.php/IJAST/issue/view/284
372	Management & Commerce	Animesh Singh	Green Consumer: Study of Demographic and Psychographic Behavioural Segments	Samriti Mahajan, Rajat Gera, Animesh Singh	Vol 7, Issue 18, 2020. pp. 582-588	2020	Journal of Critical Reviews	http://www.jcreview.com/?mno=114593
373	Chemistry	A. Jayamani	Colorimetric and fluorescence sensing of Zn ²⁺ ion and its bio-imaging applications based on macrocyclic "tetra" derivative	M. Sethupathi, A. Jayamani, G. Muthusankar, P. Sakthivel, K. Sekar, S. Gandhi, N. Sengottuvelan, G. Gopu, C. Selvaraju	Volume-207, 111854	2020	Journal of Photochemistry and Photobiology B: Biology	https://www.sciencedirect.com/science/article/abs/pii/S1011134420303018

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374	CST	Shailja Gupta & Sachin Lakra	Sentiment Analysis: A Framework for TextMining	Shailja Gupta, Sachin Lakra	Vol. No. 83, Page No.13117-13129, 2020	2020	Test Engineering and Management	http://www.testmagzine.biz/index.php/testmagzine/article/view/9438/7241
375	CST	Riya Sapra & Parneeta Dhaliwal	Missing Chain: A Novel Blockchain System for Missing or Found Cases	Riya Sapra, Parneeta Dhaliwal	Vol. 83, May-June 2020, pp.12670-12677, 2020	2020	Test Engineering and Management	http://www.testmagzine.biz/index.php/testmagzine/article/view/9438/7241
376	Law	S.K. Bose	European and Indian Legal Education-A Comparative Study	S.K Bose	May-June Vol.6, No.5, 2020	2020	International Journal of Arts, Humanities & Management Studies	http://ijahms.com/pastissuesdetails.aspx?ID=76
377	Law	Ajay Bhatia	Comprehensive Literature Review on Workplace Happiness linked to Employee Outcomes	Ajay Bhatia, Farhat Mohsin	Vol. 83, Page no. 29266-29279, 2020	2020	Test Engineering and Management	http://testmagzine.biz/index.php/testmagzine/article/view/13264/10113
378	CST	Shailja Gupta, Manpreet Kaur & Sachin Lakra	A comparative theoretical and empirical analysis of machine learning algorithms	Gupta S., Kaur M., Lakra S., Dixit Y.	Volume 17, No 1, 2020, Pages: 377-397	2020	Webology	https://www.semanticscholar.org/paper/A-Comparative-Theoretical-and-Empirical-Analysis-of-Gupta-Kaur/63fda589683381f5b240

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								c87459c8d4270167becb
379	CST	Mamta Arora	Data Driven Prognosis of Cervical Cancer Using Class Balancing and Machine Learning Techniques	Arora M., Dhawan S., Singh K.	7 (30). E2	2020	EAI Endorsed Transactions on Energy Web	https://eudl.eu/doi/10.4108/eai.13-7-2018.164264
380	Law	Ajay Bhatia	Determinants of College Teachers' happiness- A Comprehensive Review	Ajay Bhatia & Farhat Mohsin	Vol 7, Issue 9, 2020	2020	Journal of Critical Reviews	http://www.jcreview.com/index.php?mno=109353
381	Physics	Haider Abbas	Capacity of C ₄ H ₈ Ti ₄ cluster for adsorption of CO ₂ and CO: a computational study	Ankur Chahal, Haider Abbas	Vol. 26, Article number: 126, May 2020	2020	Journal of Molecular Modelling	https://doi.org/10.1007/s00894-020-04403-7
382	Mathematics	Ruchi Gupta	A new extension of Kannan contractions and related fixed point results	Rakesh Batra, Ruchi Gupta & Priyanka Sahni	Vol. 28(2), Page No. 1143-1154, May 2020	2020	The Journal of Analysis	https://link.springer.com/article/10.1007/s41478-020-00241-1
383	Mathematics	Dinesh Tripathi	A note on Eneström–Kakeya theorem for a polynomial with quaternionic variable	Dinesh Tripathi	Vol. 10, 1-8, May 2020	2020	Arabian Journal of Mathematics	https://link.springer.com/content/pdf/10.1007/s40065-020-00283-0.pdf
384	Physics	Haider Abbas	Capacity of C ₄ H ₈ Ti ₄ Cluster for Adsorption of CO ₂ and	Chahal, A., Abbas, H.	26, Article number:	2020	Journal of Molecular Modeling	https://link.springer.com/article/10.1007/s008

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			CO:A Computational Study		126, May 2020			94-020-04403-7
385	CST	Mrinal Pandey & Monika Goyal	Extreme Gradient Boosting Algorithm for Energy Optimization in buildings pertaining to HVAC plants	Monika Goyal, Mrinal Pandey	http://dx.doi.org/10.4108/eai.13-7-2018.164562	2020	EAI Endorsed Transactions on Energy Web	https://eudl.eu/doi/10.4108/eai.13-7-2018.164562
386	Management & Commerce	Priyanka Srivastava	Impact of artificial intelligence in customer satisfaction for banking industrys	Teena Hassija, Priyanka Srivastava	Vol. 29 No. 9s (2020) Page no.-1947-1962	2020	International Journal of Advanced Science and Technology	http://sersc.org/journals/index.php/IJAST/index
387	Mathematics	Ruchi Gupta	Some results related to fixed points of F-G contractions on metric spaces equipped with w-distance	Rakesh Batra, Ruchi Gupta & Priyanka Sahni	Vol.-23, Issue-2, Page no. 413-423, May 2020	2020	Journal of Interdisciplinary Mathematics	https://doi.org/10.1080/09720502.2020.1731954
388	Education & Humanities	Chhavi Kulshreshtha	Walt Whitman: The shaping of his la mente	Chhavi Kulshreshtha	Volume-7, Issue-2, May 2020	2020	International Journal of Research and Analytical Reviews (IJRAR)	http://www.ijrar.org/viewfull.php?p_id=IJRAR19L1472
389	Mathematics & CST	Ruchi Gupta & Hardeo K. Thakur	Future Population and Literacy Rate Projection in India	Ruchi Gupta, Hardeo Kumar Thakur, Chhavi	Vol.-83, Page No.10128-10138 May/June, 2020	2020	Test Engineering and Management	http://www.testmagazine.biz/index.php/testmagazine/article/view/9026

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				Baliyan, Mansi Mangla				
390	ECE	Niharika Thakur	Advanced Hybrid Intelligent Model and Algorithm for De-Regulated Electricity Market	Hooda, M., Awasthi, Y., Thakur, N. and Siddiqui, A.	Volume 17, 2020 - Issue 1, Pages 36-46, April 2020	2020	Australian Journal of Electrical and Electronics Engineering	https://www.tandfonline.com/doi/abs/10.1080/1448837X.2020.1752078?journalCode=tele20
391	CST	Parneeta Dhaliwal	An approach for Concept Drifting Streams: Early Dynamic Weighted Majority	Parneeta Dhaliwal, Ajay Kumar, Poonam Chaudhary	Vol. 167, pp. 2653-2661, 2020	2020	Procedia Computer Science	https://www.sciencedirect.com/science/article/pii/S1877050920308103
392	CST	M.Thurai Pandian	Design, analysis and characterization of four port multiple-input-multiple-output UWB-X band antenna with band rejection ability for wireless network applications	V Dhasarathan, TK Nguyen, M Sharma, SK Patel, SK Mittal, MT Pandian	https://link.springer.com/article/10.1007/s11276-020-02343-x	2020	Wireless Network	https://link.springer.com/article/10.1007/s11276-020-02343-x
393	Physics	Sandeep Kumar	Effect of a tightly focused chirped Gaussian laser pulse on electron acceleration in	Sandeep Kumar, D. N. Gupta, H. K. Malik, Devi Singh, Jaeyu Lee, and	Volume-27, Issue 4, 043105	2020	Physics of Plasmas	https://aip.scitation.org/doi/10.1063/1.5120769?af=R&feed

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
			helical undulator	Moohyun Yoon				=most-recent
394	Management & Commerce	Rajat Gera	Mobile app usage and adoption: A literature review	Gera, R., Chadha, P., Ahuja, V.	Vol.15 No.2, Pages 160-195	2020	International Journal of Electronic Business	https://www.inderscience.com/info/inarticle.php?artid=106546
395	Law	S.K. Bose	Rhetoric-The Art of Persuasion, leagel professional Lawyes	S.K.Bose	Vol. 7, Issue 4, April 2020	2020	Journal of Emerging Technologies and Innovative Research	http://www.jetir.org/view?paper=JETIR2004194
396	Physics	Aditya Sharma	Influence of high energy ion irradiation on structural, morphological and optical properties of high-k dielectric hafnium oxide (HfO ₂) thin films grown by atomic layer deposition	Rajesh Kumar, Vishnu Chauhan, N. Koratkar, Shalendra Kumar, Aditya Sharma, Keun-Hwa Chae, Sung Ok Won	Vol. 831 Page no.-154698-154713	2020	Journal of Alloys and Compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838820310616?via%3Dihub
397	Law	S.K. Bose	Nationalism, Global Politics and International Relations	S.K.Bose	Volume 06, No.03, March 2020	2020	International Journal of Arts, Humanities and Management studies	Print Journal
398	Mathematics	Y.K Sharma	Study of Stability and Solution of a system of	Y.K Sharma, Sachin, Deepak Kumar	Volume-7, Issue-1 (XVIII), Page no. 320-323	2020	International Journal of Advance & Innovative Research	https://s.doworkspace.com/d/ABqBtFeI9LA0geHwlc-dFA

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			Ordinary differential					
399	Physics	Sandeep Kumar	Small amplitude dust acoustic solitary wave in magnetized two ion temperature plasma	Hitendra K. Malik, Rashmi Srivastava, Sandeep Kumar & Devi Singh	Volume-14, No. 1, Page no. 417–422, 2020	2020	Journal of Taibah University for Science	https://www.tandfonline.com/doi/full/10.1080/16583655.2020.1741944
400	Physics	Ananna Bardhan, Dinesh Kumar Sharma	Variations of Ion Density and Temperature as Measured Byrocsat-1Satellite over the Indian Region and Comparison with Iri-2016 Model	Geeta Rana, A Bardhan, D K Sharma, M K Yadav, Malini Aggarwal, Jyotika Dudeja	Vol.62, No.6, PA677, March 2020	2020	Annals of Geophysics	https://www.annalsofgeophysics.eu/index.php/annals/article/view/8131
401	Law	Ashima Saxena	Environmental Accounting Practices in India	Ashima Saxena	Volume 9, Issue 2, February 2020	2020	International Journal of Science and Research	https://www.ijsr.net/archive/v9i2/ART20204359.pdf
402	Law	S.K. Bose	Gender Sex Progressive Society and Justice	S.K.Bose	Vol.6, Number- 2, February-2020	2020	International Journal of Arts, Humanities and Management Studies (IJAHMS)	http://ijahms.com/CurrentIssueDetails.aspx?ID=7
403	CST	Jyoti Pruthi	Machine learning based aspect level sentiment analysis for Amazon products	Neha Nandal, Jyoti Pruthi, Rohit Tanwar	Vol. 28, pages 601–607 (2020)	2020	Spatial Information Research (SPIR) (Springer)	https://link.springer.com/article/10.1007/s41324-020-00320-2

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
404	Physics	Aditya Sharma & Jai Prakash	Nano-structured phases of gallium oxide (GaOOH, α -Ga ₂ O ₃ , β -Ga ₂ O ₃ , γ -Ga ₂ O ₃ , δ -Ga ₂ O ₃ , and ϵ -Ga ₂ O ₃): fabrication, structural, and electronic structure investigations	Aditya Sharma, Mayora Varshney, Himani Saraswat, Surekha Chaudhary, Jai Parkash, Hyun-Joon Shin, Keun-Hwa Chae & Sung-Ok Won	Volume-10, Pages 71-79, 2020	2020	International Nano Letters	https://doi.org/10.1007/s40089-020-00295-w
405	Mathematics	Advin Masih	Radical Screen transversal slant lightlike Submanfolds of indefinite Kaehler manifolds	Mamta Thakur, Advin & S.M.K Haider	Volume 34, Issue 6, Pages: 2037-2046	2020	Filomat	http://journal.pmf.ni.ac.rs/filomat/index.php/filomat/article/view/11057
406	Chemistry	Pradeep K. Varshney	Current trends and future prospectives in the recycling of spent lead acid batteries in India	Pradeep K. Varshney, Kalpna Varshney, Kajal Gautam, Monika Tanwar	Volume-26, Part 2, 2020, Pages 592-602	2020	Materials Today Proceedings	https://www.sciencedirect.com/science/article/pii/S2214785319341793?via%3DiHub
407	Mechanical	I.K. Bhat	Factors influencing mechanical and wear performance of dental composite: A review	S.R. Kumar A. Patnaik I.K. Bhat	https://doi.org/10.1002/mawe.201900029	2020	Materialwissenschaft und Werkstofftechnik	https://onlinelibrary.wiley.com/doi/epdf/10.1002/mawe.201900029
408	CST	Hardeo Kumar Thakur	Multi-class Instance incremental	Hardeo Kumar Thakur,	Vol. 21, No. 1, Page no. 69-83	2020	International Journal of Computation	https://www.inderscience.com/jh

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			Framework for classification in fully Dynamic Graphs	Anand Gupta, Sreyashi Nag and Ritvik Shrivastava			al Science and Engineering	ome.php?jcode=ijcse
409	Chemistry, Mathematics	Arpit Sand, Aparna Vyas	Superabsorbent polymer based on guar gum-graft-acrylamide: synthesis and characterization	Arpit Sand, Aparna Vyas	Vol. 27, Article number: 43 (2020)	2020	Journal of Polymer Research	https://link.springer.com/article/10.1007/s10965-019-1951-x
410	Law	Som Dutt Bhardwaj	Big Data and Network Effect of Facebook: Critical Analysis of Indian and German Competition Commission	Som Dutt Bhardwaj	Vol. 82, Page Number: 13165-13172 , January-February 2020	2020	Test Engineering & Management	http://www.testmagazine.biz/index.php/testmagazine/article/view/2948/2588
411	Chemistry	Vinayak V. Pathak	Algal-based biofuel generation through flue gas and wastewater utilization: a sustainable prospective approach	Richa Kothari, Shamshad Ahmad, Vinayak V. Pathak, Arya Pandey, Ashwani Kumar, Raju Shankarayan, Paul N. Black & V. V. Tyagi	https://doi.org/10.1007/s13399-019-00533-y	2019	Biomass Conversion and Biorefinery	https://link.springer.com/article/10.1007/s13399-019-00533-y
412	Chemistry	Meena Kapahi	Bioremediation Options for Heavy Metal Pollution	Meena Kapahi, Dr. Sarita Sachdeva	7(15), 2017, 1-7	2019	Journal of Health and Pollution	https://www.journalhealthpollution.org/doi/full/10.5696/2156-9614-9.24.191203
413	Law	Som Dutt Bhardwaj	Competition advocacy: an	Dr. Som Dutt Bhardwaj, Dr	Volume 22, Issue 14,	2019	Journal of the Gujarat	http://www.gujaratresearchsociety.i

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			unused tool in India	Archna Sehrawat	December 2019		Research Society	n/index.php/JGRS/issue/view/36
414	Physics	Haider Abbas	Density functional study of spectroscopy, electronic structure, linear and nonlinear optical properties of L-proline lithium chloride and L-proline lithium bromide monohydrate: For laser applications	Haider Abbas, Mohd. Shkir, S. AlFaify	Volume 12, Issue 8, December 2019, Pages 2336-2346	2019	Arabian Journal of Chemistry	https://www.sciencedirect.com/science/article/pii/S1878535215000453?via%3Dihub
415	Law	Versha Vahini	Corporate Social Responsibility: Privatization of welfare state	Versha Vahini	Vol. 8 Issue 2	2019	Vivekananda Journal of Research	https://vips.edu/journal/
416	CST	Nikita Taneja & Hardeo Kumar Thakur	Evaluation of Collaborative Filtering and Knowledge Transfer Based Cross Domain Recommendation Models	Nikita Taneja, Hardeo K. Thakur	Vol. 11, 10-Special Issue, 2019	2019	Journal of Adv Research in Dynamical & Control Systems	https://www.jardcs.org/archivesview.php?volume=1&issue=21&page=5
417	CST	Manpreet Kaur	Text Summarisation Using Laplacian Centrality-Based Minimum Vertex Cover	Anand Gupta and Manpreet Kaur	Volume-18, Issue-4, December 2019	2019	Journal of Information and Knowledge Management	https://www.worldscientific.com/doi/10.1142/S0219649219500503

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418	Law	Som Dutt Bhardwaj	The scope and ambit of amendment of the constitution: A comparative study of the constitutions of India, USA and switzerland	Dr. Som Dutt Bhardwaj, Ms Divya Kathuria	Volume 21, Issue 14, December 2019	2019	Think India Journal	https://journals.eduindia.org/index.php/think-india/article/view/12789
419	CST	Jyoti Pruthi	An improved approach for aspect level sentiment analysis using bipolar words extraction	Nandal, N., Pruthi, J., Choudhury, A.	Vol. 28 No. 13 (2019)	2019	International Journal of Advanced Science and Technology	http://sersc.org/journals/index.php/IJAST/article/view/1395/1101
420	ECE	Yogita Khanna	Dual-Band Microwave Sensor for Investigation of Liquid Impurity Concentration Using a Metamaterial Complementary Split-Ring Resonator	Khanna, Y., Awasthi, Y.K.	49, pages 385–394	2019	Journal of Electronic Materials	https://link.springer.com/article/10.1007%2Fs11664-019-07761-y
421	Mathematics	Y.K Sharma	Prevalence of Diabetes Mellitus in two Vicinal Nations	Richa Gupta, Deepak Kumar, Bhawna Mehta, Y K Sharma	Volume-9, Issue-2, November 2019	2019	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v9i2/B6852129219.pdf
422	Physics	Aditya Sharma & Jai Prakash	Structural and electronic structure investigations on sonication based	Aditya Sharma, Sitansu Sekhar Nanda, Jai Parkash,	Volume 94, Number 12	2019	Physica Scripta	https://iopscience.iop.org/article/10.1088/1402-4896/ab3868

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			synthesized Graphene oxide and reduced-Graphene oxide nano-sheets	Anshuman Sahai, Shiv Kumar, Deepti Maikhuri, Dong Kee Yi, Hyun-Joon Shin, Keun-Hwa Chae and Sung Ok Won				
423	CST	Aarti Sangwan	An Organ Criticality and Session Preserved iM-SIMPLE Protocol to Optimize WBAN for Different Application Areas	Aarti Sangwan	Volume 129, PP. 11-28 , 2019	2019	International Journal of Advanced Science and Technology	http://article.nadiapub.com/IJAST/Vol129/2.html
424	Physics	Aditya Sharma	Copper-Halide Polymer Nanowires as Versatile Supports for Single-Atom Catalysts	Min-Seok Kim Haedong Park Sung Ok Won Aditya Sharma Jimin Kong Hyun S. Park Yun-Mo Sung Tae Joon Park Myoung-Woon Moon Kahyun Hur	Volume 15, Issue 40, August 2019	2019	Small	https://onlinelibrary.wiley.com/doi/10.1002/small.201903197
425	Mechanical	Joginder Singh, M.R. Tyagi	Design, Analysis and Manufacturing of Front Sprocket of a Bicycle using Carbon Fiber	Singh, J., Tyagi, M.R., Singh, G., Sharma, R.D.	Vol. 1240, Issue-1, Art no.-12071	2019	Journal of Physics: Conference Series	https://iopscience.iop.org/article/10.1088/1742-6596/1240/1/012071/meta

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			Reinforced Plastics					
426	Chemistry	Vinayak V. Pathak	Fuel Quality Index: A Novel Experimental Evaluation Tool for Biodiesel Prepared from Waste Cooking Oil	S Ahmad, R Kothari, VV Pathak, MK Pandey	Volume 10, Issue 8, pp 2237–2247, August 2019	2019	Waste and Biomass Valorization	https://link.springer.com/article/10.1007/s12649-018-0250-9
427	Mathematics	Dinesh Tripathi	On Location of the Zeros of Polynomial (Lacunary Type)	D. Tripathi, H.G. Hyun, S. Hans	Vol. 24, Issue-3, Pages-555-564	2019	Journal-Non-Linear Functional Analysis and Application	http://nfaa.kyungnam.ac.kr/journal-nfaa
428	ECE	Shruti Vashist	Evaluation of Non-Orthogonal Techniques for Advance Wireless System	Dipa Nitin Kokane, Geeta Nijhawan and Shruti Vashist	8(2), Issue 2, July 2019	2019	International Journal of Recent Technology and Engineering	https://www.ijrte.org/download/volume-8-issue-2/
429	Physics	Sandeep Kumar	Longitudinal phase space dynamics of witness bunch during the Trojan Horse injection for plasma-based	K. Moon, Sandeep Kumar, M. Hur, and M. Chung	Volume 26, Issue 7, id.073103, July 2019	2019	Physics of Plasma	http://mchung.unist.ac.kr/wp-content/uploads/sites/328/2019/07/PoP_1.5108928.pdf

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			particle accelerators					
430	ECE	Niharika Thakur	Adaptive whale optimization for intelligent multi-constraint s power quality improvement under deregulated environment	Thakur, N., Awasthi, Y., Hooda, M. and Siddiqui, A.	Vol. 17 No. 3, pp. 490-514. June, 2019	2019	Journal of Engineering, Design and Technology	https://www.emeraldinsight.com/doi/abs/10.1108/JEDT-08-2018-0130
431	Chemistry	Shilpa Sharma	In vitro and in vivo studies of pH sensitive GHK-Cu incorporated polyaspartic and polyacrylic acid superabsorbent polymer	Shilpa Sharma, Mohd. Faiyaz Anwar, Amit Dinda, Maneesh Singhal, Amita malik	2019, 4, 20118–20128	2019	American Chemical Society (ACS)	https://pubs.acs.org/doi/10.1021/acsomega.9b00655
432	CST	Prinima Gupta & Urmila Pilia	An Improved Method for Detecting Face as ROI in Video	Urmila Pilia, Prinima Gupta	Volume-8, Issue-1, May 2019, pp. 341-344, May 2019	2019	International Journal of Recent Technology and Engineering	https://www.semanticscholar.org/paper/An-Improved-Methodfor-Detecting-Face-as-ROI-in-Pilia-Gupta/32d7aef35b8ea0465b6a735e2e1fa4d4f29a3808#references
433	Mathematics	Ruchi Gupta	An Alternative Method to Reduce Medicine Costs By Minimizing	Ruchi Gupta, Mukesh Sahu, Nikita Gulati, Komal,	Volume 8, Issue 4, April 2019	2019	International Journal of Engineering and	http://www.ijeat.org/download/volume-8-issue-4/

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
			Transportation Overheads	Diksha Jasrotia			Advanced Technology	
434	CST	Jyoti Pruthi & Deepanshi Gupta	A walkthrough of Prediction for Pregnancy Complications Using Machine Learning: A Retrospective	Deepanshi Gupta, Jyoti Pruthi	Vol. 2, No. 2, 2019	2019	International Journal of Information Systems & Management Science	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3378994
435	CST	Gaganjot Kaur	Cryptography Algorithm	Gaganjot Kaur; Anurag Rawal; Gaurav Chhikara; Hitesh Khanna	Vol. 4, Issue-1, Page no. 31-38, April 2019	2019	Journal of Analog and Digital Communications	https://www.coursehero.com/file/84144537/31-38Cryptography-Algorithm-formatpdf/
436	CST	Mrinal Pandey	Energy Optimization in Buildings Using Machine Learning Techniques: A Survey	Monika Goyal, Mrinal Pandey	Vol. 1, No. 2, April 2019	2019	International Journal of Information Systems & Management Science	https://ssrn.com/abstract=3364954
437	CST	Manpreet Kaur	Entailment and Spectral Clustering based Single and Multiple Document Summarization	Gupta Anand, Kaur Manpreet Kaur, Bajaj Ahsaas, Khanna Ansh	Volume 4, pp.39-51, April 2019	2019	International Journal of Intelligent Systems and Applications	http://www.mecs-press.org/ijisa/ijisa-v11-n4/IJISA-V11-N4-4.pdf
438	CST	Manoj Kumar	Involvement of Computing to Improve Decision Making in Cricket	Jahangir Kamal, Manoj Kumar, Kailash Kumar, Aditya Tandon, Phong Thanh Nguyen	Volume-7, Issue-6S5, April 2019	2019	International Journal of Recent Technology and Engineering	https://www.ijrte.org/download/volume-7-issue-6s5/

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439	CST	Prinima Gupta	Prediction of humidity depending on temperature with low error rate using regression model	Sagar, P., Gupta, P., Kashyap, I.	Vol.-8, Issue no.-4, Pg. no.-1129-1134	2019	International Journal of Engineering and Advanced Technology	https://www.ijeat.org/wp-content/uploads/papers/v8i4/D6095048419.pdf
440	CST	Bharti Jha	Review on Sentiment Analysis of Twitter Data with some Classifiers Ensembles	Smriddhi Chawla, Anchal Garg, Priya, Bharti Jha	Vol.4, Issue-1, Page no. 24-31, April 2019	2019	Journal of Android and IOS Applications and Testing	https://zenodo.org/record/2620789#.Xl8oCB8za1s
441	CST	Jyoti Pruthi	Aspect Based Sentiment Analysis Approaches with Mining of Reviews: A Comparative Study	Neha Nandal, Jyoti Purthi, Amit Chaudhary	Volume-7, Issue-6, March 2019	2019	International Journal of Recent Technology and Engineering	https://www.ijrte.org/wp-content/uploads/papers/v7i6/F2121037619.pdf
442	ECE	Yogendra Kumar Awasthi	CPW-fed triple high rejection notched UWB and X-band antenna on silicon for imaging and wireless applications	Sharma, M., Awasthi, Y.K., Singh, H.	Vol. 106, Issue-7, Page no. 945-959	2019	International Journal of Electronics	https://www.tandfonline.com/doi/abs/10.1080/00207217.2019.1570553
443	ECE	Meenakshi Gupta & Bhanu Pratap Chaudhary	Design an Operational Amplifier as a building block of Analog to Digital converter in 350 nm technology	Meenakshi Gupta, V.K.Sharma, Bhanu Pratap Chaudhary	Volume 40, 2019 - Issue 2, March 2019 pp. 505-520	2019	Journal of Information and Optimization Sciences	https://www.tandfonline.com/eprint/qgtTBDjtKbTXy6YfzTXw/full?target=10.1080/02522667.2

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444	Management & Commerce	Sachita Yadav	Environmental Friendly Green Technology used by Construction Industries in Bangalore	Sachita Yadav & Supriya Lathish	Vol. 6, Issue 1, 63571, March 2019	2019	International Journal of Advance & Innovative Research	http://iarae.com/pdf/ijair-volume-6-issue-1-xxxii-january-march-2019.pdf
445	Physics	Haider Abbas & Deepti Maikhuri	Interaction and damage of nucleobases of DNA and RNA caused by silicon nanoparticle and crystalline silica: First principles study	Haider Abbas, Deepti Maikhuri, Charu Sharma	Volume 1154, 15 April 2019, Pages 26-30	2019	Computational and Theoretical Chemistry	https://www.sciencedirect.com/science/article/abs/pii/S2210271X19300696
446	Mechanical	Jai Prakash Sharma & Joginder Singh	Prediction of Universal Joint Behavior Under Small Axial Loading Using FEM	Rahul Sharma, Sumit Kumar Shaw, S. Somesh, Mukul Bhatia, Joginder Singh, Jai Prakash Sharma	Vol. 12(9), March 2019: Pages 1-7	2019	Indian Journal of Science and Technology	https://indjst.org/articles/prediction-of-universal-joint-behavior-under-small-axial-loading-using-fem
447	Chemistry	Vinayak V. Pathak	Experimental studies on zeta potential of flocculants for harvesting of algae	A Pandey, VV Pathak, R Kothari, PN Black, VV Tyagi	231, 2019: 562-569, February 2019	2019	Journal of Environmental Management	https://www.ncbi.nlm.nih.gov/pubmed/30388653
448	Physics	Anshuman Sahai	Structural, optical and vibrational study of zinc copper ferrite nanocomposite	Surendra Singh, Anshuman Sahai, SC Katyal,	DOI: 10.2478/msp-2018-0084	2019	Materials Science-Poland	https://www.researchgate.net/publication/330283715_Structural_opti

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			prepared by exploding wire technique	Navendu Goswami				cal_and_vibrational_study_of_zinc_copper_ferri_tite_nanocomposite_prepared_by_exploding_wire_technique
449	ECE	Yogendra Kumar Awasthi	Compact multiband planar monopole antenna for Bluetooth, LTE, and reconfigurable UWB applications including X-band and Ku-band wireless communications	Sharma, M., Awasthi, Y.K., Singh, H.	Vol. 29, Issue-6 , Art no. e21668	2019	International Journal of RF and Microwave Computer-Aided Engineering	https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.21668
450	Mechanical	Joginder Singh, M.R. Tyagi	Comparative study of sheet metal and carbon fibre reinforced composites ceiling fan blade	Garg, H., Singh, J., Tyagi, M.R., Singh, K., Aditya, K., Gupta, H.	Advances in Interdisciplinary Engineering pp 413-419	2019	Lecture Notes in Mechanical Engineering	https://link.springer.com/chapter/10.1007/978-981-13-6577-5_39
451	ECE	Shruti Vashist	Design of E-shaped and Circular Array Antenna to Improve the Performance for	Shruti Vashist, Geeta Nijhawan and	Volume 11, pp. 52-59, January 2019	2019	Journal of Adv Research in Dynamical &	https://www.jardcs.org/abstract.php?id=480#

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			WLAN and WiMax Network	Poonam Ghangas			Control Systems	
452	Chemistry	Prem Kishore Patnala	Experimental and Kinetic studies on the combined influence of Ultrasonication and Rare Earths on removal of azo dyes	Prem Kishore Patnala, Supriya Tilvi, Pankaj	54(10), 2019: 1632-1649, January 2019	2019	Separation Science and Technology	https://www.tandfonline.com/doi/abs/10.1080/01496395.2018.1549571?journalCode=lsst20
453	Mathematics	Ramapati Maurya	On Approximation by (p,q)-Meyer-König-Zeller Durrmeyer Operators	Honey Sharma, Cheena Gupta, Ramapati Maurya	5 (2019), no. 1, 113-124, January 2019	2019	Khayyam Journal of Mathematics	10.22034/kjm.2019.81223
454	Mechanical	J. P. Sharma	Optimization of Cutting Parameters for Surface Roughness in Turning of Alloy Steel EN 47	Lavish kumar, J P Sharma, Nitin sharma	2(4), 2016: 14-18	2019	International Journal of Advanced Research in Mechanical Engineering & Technology	https://www.researchgate.net/publication/330544222_Optimization_of_Cutting_Parameters_for_Surface_Roughness_in_Turning_of_Alloy_Steel_EN_47
455	Mechanical	Gianender Kajal	A Systematic review: Effect of TIG and A-TIG welding on austenitic stainless steel	Garg, H., Sehgal, K., Lamba, R., Kajal, G.		2019	Lecture Notes in Mechanical Engineering	https://link.springer.com/chapter/10.1007/978-981-13-6412-9_36
456	ECE	Vijay Kumar Gill	Methodology of Exoskeleton with Actuation	Ayush Goyal, Madan Mohan Dhir, Vijay		2019	Indian Journal of	file:///C:/Users/user/Do

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
			Methods and Discussion of Nerves Sensing for Exoskeleton	Kumar Gill and Mohit Verma			Science and Technology	wnloads/Article7.pdf
457	ECE	Charu Pathak	Wavelet Thresholding Algorithms for Image Denoising	Aditya Rana & Charu Pathak		2018	Indian Journal of Science and Technology	https://scire sol.s3.us-east-2.amazonaws.com/IJST/Articles/2018/Issue-27/Article9.pdf
458	Mechanical	Prashant Bhardwaj	Cutting Tool Prognostic using Markov Model	Harpreet Singh, Himanshu Rawat, Mayank Sadhra & Prashant Bhardwaj	11(45), December 2018: 1-4	2018	Indian Journal of Science and Technology	10.17485/ijst/2015/v8i36/87643
459	Mechanical	Joginder Singh, M.R. Tyagi, Gianender Kajal & Rinki Yadav	Design and Manufacturing of a holding fixture to test the tensile strength of a flat specimen	Joginder Singh, M R Tyagi, Ajit, Gianender and Rinki Yadav	Volume 13, Number 6 (2018) pp. 1-6	2018	International Journal of Applied Engineering Research	https://www.ripublication.com/ijae rspl2018/ijaerv13n6spl_01.pdf
460	CST	Jyoti Pruthi & Deepanshi Gupta	A Proposed Model for Predicting High Risk Pregnancy Using Support Vector Machine	Deepanshi Gupta, Jyoti Pruthi	Issue: 14-Special Issue, 2018, Pages: 1363-1367	2018	Journal of Advanced Research in Dynamical and Control Systems	http://jardcs.org/backissues/abstract.php?archiveid=6326&action=fulltext&uri=/backissues/archives-special.php?year=2018&issue=14-Special

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461	CST	Mamta Arora	Deep learning: overview, architecture, framework & applications	Mamta Arora, Sanjeev Dhawan, Kulvinder Singh	Vol. 10, No. 1, pp. 379-384, Nov. 2018	2018	International Journal of Latest Trends in Engineering and Technology	https://www.ijltet.org/journal/152577421869.%2065.pdf
462	CST	Gaganjot Kaur	A Review Study on Security and its Challenges in Cloud Computing	Gaganjot Kaur, Kaustabh, Madhur and Vikash	Vol. 3, Issue-3, October 2018	2018	Journal of Computer Based Parallel Programming	http://matjournals.in/index.php/Jocpp/article/view/2962
463	CST	Manoj Kumar	CamLens – an innovative android phone application to empower the blind and visually impaired in reading any kind of printed text in real-time using OpenCV, Optical Character Recognition and text-to-speech	Sahil Sachdeva, Akshita Sachdeva, Yash Bakshi, Manoj Kumar	Volume 4, Issue 3, October 2018	2018	Journal of Optical Communication Electronics	https://www.ijltet.org/journal/152577421869.%2065.pdf
464	CST	Gaganjot Kaur	Cryptography: Symmetric vs Asymmetric Encryption	Gaganjot Kaur; Anurag Rawal; Gaurav Chhikara; Hitesh Khanna	Vol.3, Issue-3, October 2018	2018	Journal of Embedded Systems and Processing	https://zenodo.org/record/1465672#.XFTN-LFX42w

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
465	Chemistry	Sudhish Kumar Shukla	Interaction of water soluble polyacrylic acid with mild steel / hydrochloric acid interface	Abhishek Dwivedi, P.K. Bharti, Sudhish Kumar Shukla	Vol. 404, Issue-1, Art no. 12044	2018	IOP Conference Series: Materials Science and Engineering	https://iopscience.iop.org/article/10.1088/1757-899X/404/1/012044/pdf
466	CST	Bharti Jha	Data Mining : Techniques and Applications	Anupama Chauhan, Riya Chauhan, Bharti Jha, Vinay Jain	Volume 5, Issue 4, Page no. 340-344, September 2018	2018	International Journal of Innovative Research in Technology	http://ijirt.org/Article?manuscript=147108
467	Chemistry	Megha Mittal	Combination therapy with vitamin C and DMSA for arsenic-fluoride co-exposure in rats	Mittal, M., Chatterjee, S., Flora, S.J.S.	Vol. 10, Issue-9, Pg. no. 1291-1306	2018	Metallomics	10.1039/c8mt00192h
468	CST	Prinima Gupta	Integrating Application with Algorithms of Association Rule used in Descriptive Data Modelling, through which Data Mining can be Implemented for Future Prediction	Sumita Mukherjee, Prinima Gupta & Prof. Felix Musau	Volume 13, Number 17, pp. 13272-13281, September 2018	2018	International Journal of Applied Engineering Research	https://www.ripublication.com/ijae18/ijaerv13n17_41.pdf

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
469	Chemistry	Vinayak V. Pathak	Experimental and Kinetics Studies for Biogas Production Using Water Hyacinth (<i>Eichhornia crassipes</i> [Mart.] Solms) and Sugar Mill Effluent	V Kumar, J Singh, VV Pathak, S Ahmad, R Kothar	Vol. 11, Pages 109–119	2018	Waste and Biomass Valorization	https://doi.org/10.1007/s12649-018-0412-9
470	Mathematics	Dinesh Tripathi	Generalization of an inequality Concerning the Polar Derivative of a Polynomial	D. Tripathi, S. Hans, Babita Tyagi	23(2), 2018, 311-321	2018	Journal-Non-Linear Functional Analysis and Application	https://www.researchgate.net/publication/325554349_Generalization_of_an_inequality_concerning_the_polar_derivative_of_a_polynomial
471	Physics	Sandeep Kumar	Erratum: Isolated terawatt attosecond hard X-ray pulse generated from single current spike	C.H. Shim, Sandeep Kumar, Y.W. Parc , In Soo Ko, and D.E. Kim	Article number: 7463 (2018)	2018	Scientific Reports (Nature)	https://doi.org/10.1038/s41598-018-25778-x
472	Mathematics	Dinesh Tripathi	Inequalities For rational functions with prescribed poles	D. Tripathi, S. Hans, A. A. Mogbademu and Babita Tyagi	Vol.21, Issue-1, Page No. 157-169	2018	Journal of Interdisciplinary Mathematics	https://scholar.google.co.in/citations?user=fi8nGxgAAAAJ&hl=en
473	CST	Jyoti Pruthi	LB-ALSA: A Lexicon based	Neha Nandal, Jyoti Purthi,	Vol. 10-14, Special issue,	2018	Journal of Advanced	https://www.iardcs.org

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
			Aspect level sentiment analysis model for product reviews	Amit Chaudhary	November 2018		Research in Dynamical and Control Systems	/backissues/abstract.php?archiveid=6337
474	CST	Ankur Kumar Aggarwal	Mining Big Data: Future Forecast of Weather	Apurva Sehgal, Kanika Khurana, Ankur Kr Aggarwal, Cherry Singh	Vol 3, No 3, September 2018 pp. 10-17	2018	Journal of Data Mining and Management	http://matjournals.in/index.php/JoDMM/article/view/2933
475	CST	Ankur Kumar Aggarwal	Multi-Model Biometric Techniques	Ankur Kr Aggarwal, Himanshu Bansal	Vol. 4, No 1,2,3 September 2018	2018	Journal of Optical Communication Electronics	http://matjournals.in/index.php/JOCE/article/view/3010
476	CST	Ram Chatterjee	Optima (Opinionated Tweet Implied Mining and Analysis): An innovative tool to automate sentiment analysis	Ram Chatterjee, Monika Goyal	Vol.654, Pg. no.-377-389	2018	Advances in Intelligent Systems and Computing	http://link-springer-com-443.webvpn.fjmu.edu.cn/chapter/10.1007%2F978-981-10-6620-7_36
477	Chemistry	Vinayak V Pathak	Optimization of nutrient stress using C. pyrenoidosa for lipid and biodiesel production in integration with remediation in dairy industry wastewater using response surface methodology	S Ahmad, VV Pathak, R Kothari, A Kumar, SBN Krishna	8(326), August 2018: 1-13	2018	3 Biotech	https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.ncbi.nlm.nih.gov/pubmed/30034990&ved=2ahUKEwiAjb-ekMXoAhUQ7HMBHRHwAN

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								wQFjAAegQIAxAB&usg=AOvVaw0COnQK968J5bkbMjg6IWpW&cshid=1585672058429
478	CST	Prinima Gupta	Prediction technique for time series data sets using regression models	Sagar, P., Gupta, P., Kashyap, I.	Vol.-955, 480-488	2018	Communications in Computer and Information Science	https://link.springer.com/chapter/10.1007/978-981-13-3140-4_43
479	Chemistry	Vinayak V Pathak	Prospects for pretreatment methods of lignocellulosic waste biomass for biogas enhancement: opportunities and challenges	Shamshad Ahmad, Vinayak V. Pathak, Richa Kothari & Rajeev Pratap Singh	9(5), October 2018: 575-594	2018	Biofuels	https://www.tandfonline.com/doi/abs/10.1080/17597269.2017.1378991
480	Physics	Haider Abbas	Quantum chemical investigation on molecular structural, vibrational, photophysical and nonlinear optical properties of I-hreoninium picrate: an admirable contender for nonlinear applications	S. AlFaify, Mohd. Shkir1 · M. Arora, Ahmad Irfan, H. Algarni, Haider Abbas, Abdullah G. Al-Sehemi	Vol 17, August 2018, 1421-1433	2018	Journal of Computational Electronics	https://dl.acm.org/doi/abs/10.1007/s10825-018-1230-9

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
481	Mechanical	Prashant Bhardwaj	Reliability and Availability Analysis for a Manufacturing Network by using Active Redundancy	Smriti Mishra, Prashant Bhardwaj, Neha Badhauria	13(6), 2018: 116-126	2018	International Journal of Applied Engineering Research	https://www.ripublication.com/ijae-rspl2018/ijaeerv13n6spl_19.pdf
482	CST	Ram Chatterjee	Role of Social Media & Digital Marketing for Customer Loyalty	Vijay Kumar, Saurav Kumar, Ram Chatterjee	Vol.6, Issue 9 September 2018, 1012-1016	2018	International Journal of Advanced Research	https://www.journalijar.com/article/24980/role-of-social-media-&-digital-marketing-for-customer-loyalty/
483	Law	Aditya Dhawan	Role of Unity of Teaching and Research for Improving Quality of Education	Aditya Dhawan	Vol. 4, No. 8, Aug. 2018	2018	International Journal of Arts, Humanities and Management Studies (IJAHMS)	http://ijahms.com/pastissuesdetails.aspx?ID=56
484	CST	Hardeo Kumar Thakur	Rumor Detection on Twitter Using a Supervised Machine Learning Framework	Hardeo Kumar Thakur, Anand Gupta, Ayushi Bhardwaj and Devanshi Verma	Volume 8 Issue 3, July 2018 , Pages 1-13	2018	International Journal of Information Retrieval Research	https://www.igi-global.com/journal/international-journal-information-retrieval-research/1178
485	CST	Urmila Pilania	Scrutinizing Security	Urmila Pilania, Tridev Nath Tripathi, Rajeev Singh	Volume 8, Issue XI, November 2018 451-453	2018	International Journal of Management , Technology and Engineering	https://www.ijamtes.org/gallery/57.%20nov%20ijmte%20-%20as.pdf
486	Mechanical	B.D. Pathak	Significant enhancement in	Muthiah, S., Singh, R.C.,	Vol. no. 10, Issue-4, Pg.	2018	Nanoscale	https://pubs.rsc.org/en

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			thermoelectric performance of nanostructured higher manganese silicides synthesized employing a melt spinning technique	Pathak, B.D., Avasthi, P.K., Kumar, R., Kumar, A., Srivastava, A.K., Dhar, A.	no. 1970-1977			/content/article/landing/2018/nr/c7nr06195a#!divAbstract
487	CST	Anup Singh Kushwaha	Study of Various Scheduling Algorithm in Cloud Environment	Anup Singh Kushwaha, Vinayak Kumar, Akash sharma	Volume. 7, Issue. 8, August 2018	2018	International Journal of Engineering Research & Technology	https://www.ijert.org/research/study-of-various-scheduling-algorithm-in-cloud-environment-IJERTV7IS080088.pdf
488	CST	Urmila Pilia	Women Safety Device based on Internet of things (IOT)	URMILA PILANIA, Aishwarya Nair, Sakshi Arora, Virender Kadian	Volume 6 Issue X, August 2018	2018	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	https://www.ijraset.com/fileservice.php?FID=19015
489	Chemistry	Arpit Sand	Synthesis and Characterization of Superabsorbent Polymer based on Carboxymethyl Cellulose-graft-I taconic Acid	Ko, So Yeon; Sand, Arpit; Shin, Nam Jae; Kwark, Young-Je	19(2), 2018: 255-262, February	2018	Fibers and Polymers	https://link.springer.com/article/10.1007/s1221-018-7837-9

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490	Chemistry	Vinayak V Pathak	Experiment-based thermodynamic feasibility with co-digestion of nutrient-rich biowaste materials for biogas production	R Kothari, S Ahmad, VV Pathak, A Pandey, S Singh, K Kumar, VV Tyagi	8(34), 2018: 1-8, January	2018	3 Biotech	https://link.springer.com/article/10.1007/s13205-017-1023-z
491	Chemistry	Vinayak V Pathak	Optimization of substrate concentration for sustainable biohydrogen production and kinetics from sugarcane molasses: Experimental and economical assessment	V Kumar, R Kothari, VV Pathak, SK Tyagi	9(2), 2018: 273-281, February	2018	Waste and Biomass Valorization	https://link.springer.com/article/10.1007/s12649-016-9760-5
492	CST	Babita Ahuja	Expert System for Web Form Extraction and Ranking of Web Forms	Babita Ahuja, Anuradha, Dimple Juneja	2018, 07, Vol.-72, 18-18.	2018	Journal of Engineering Technology	http://www.joetsite.com/wp-content/uploads/2018/07/Vol.-72-18-18.pdf
493	CST	Mrinal Pandey	An Ensemble-Based Approach for the Development of DSS	Mrinal Pandey	DOI:10.1007/978-981-10-7512-4_39	2018	Advances in Intelligent Systems and Computing	https://www.academia.edu/96798076/An_Ensemble_Based_Approach_for_the_Development_of_DSS

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494	CST	Anup Singh Kushwaha	A Review: on current trends in image fusion	Anup singh kushwaha, arpita goel, shivangi agarwal	Volume-5, Issue-5, Page -40-44, 2018	2018	International Journal of Current Engineering And Scientific Research (IJCESR)	https://troindia.in/journal/ijcesr/vol5iss5/40-44.pdf
495	ECE	Y.K Awasthi	Key Shaped Compact Planar UWB Antenna with Dual Band-Notched Characteristics	Manish Sharma Yogen a Kumar Awasthi Himanshu Singh, Raj Kumar, Sarita Kumari	Vol. 03, No. 04, pp. 225-236, June. 2018	2018	International Journal of Ultra Wideband Communications and Systems	https://www.inderscienceonline.com/doi/abs/10.1504/IJUWBCS.2018.092438
496	ECE	Yogendra Kumar Awasthi	Key shaped planar UWB monopole antenna with dual band-notch characteristics	Sharma, M., Awasthi, Y.K., Singh, H., Kumar, R., Kumari, S.	Vol. 3, Issue-4, Pg. no.225-236	2018	International Journal of Ultra Wideband Communications and Systems	10.1504/IJUWBCS.2018.092438
497	Education & Humanities	Rashee Singh	Stress Management-An Overview	Rashee Singh, Sheena Sabharwal	Vol 56, No 25, June18-24, 2018	2018	University News	Print Journal
498	Education & Humanities	Savita Sharma	Mindfulness a Coping Mechanism and a Life Skill in Contemporary Era: A Study of Perceptions	Savita Sharma	Issue-1, Vol-2, March 2018	2018	Research Magma International Multidisciplinary Refereed Research Journal	Print Journal

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			Held by Teacher Educators					
499	Law	Aditya Dhawan	Economic Advantages of Demographic Dividend: The Case for India'	Parul Nagar, Aditya Dhawan	June 2018 Volume 8 Number 6, pages 1230-1241	2018	international journal of basic and applied research	https://publons.com/journal/28295/international-journal-of-basic-and-applied-research/
500	Law	Seema Gupta	Voicing Dissent: A Functional Analysis	Seema Gupta	Vol. VI, Issue II, April 2018	2018	Upstream Research International Journal	Print Journal
501	Law	Seema Gupta	Dissent- A Persuasive Precedent	Seema Gupta	Vol. VI, Issue III, March 2018	2018	The Law	Print Journal
502	Mathematics	Ruchi Gupta	Examining The Effect of The Magnetic Field on Free Convection Flows in Liquid Metals, Electrolytes and Ionized Gases	Ruchi Gupta, Tarun Singh	March-April-2018 [(4) 4 : 849-857]	2018	International Journal of Scientific Research in Science, Engineering and Technology	http://ijrsrset.com/PDF.php?pid=4120&v=4&i=4&y=2018&m=March-April
503	Mathematics	Ruchi Gupta	Physical Characteristics of Laminar and Non Laminar Fluid Flows through Porous Medium	Ruchi Gupta, Hambeer Sing	Volume: 4 Issue: 3 01 – 04	2018	International Journal on Future Revolution in Computer Science & Communication Engineering	http://www.ijfrcsce.org/browse/icetest-2018/icetest-track/50
504	Mechanical	Joginder Singh & Rinki Yadav	Implementation of CATIA V5 in Modeling and	Joginder Singh and Rinki Yadav	Vol. 5, Issue 5, May 2018	2018	International Journal of Emerging Technologies	https://www.ijeter.ever-science.org/Manuscripts

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
			Simulation of Workbench Vice				in Engineering Research	/Volume-6/Issue-5/Vol-6-issue-5-M-19.pdf
505	Mechanical	Sanjay Taneja	LPG (Liquified Petroleum Gas) as a Fuel	Sanjay Taneja	3(8), 2018: 26-30	2018	International Journal of Emerging Trends in Engineering and Development	DOI : https://dx.doi.org/10.26808/rs.ed.i8v3.05-
506	Mechanical	Gianender Kajal & Rinki Yadav	Wear Behaviour of Aluminium 7075 based Composites Reinforced with SiC, Red Mud and Al ₂ O ₃	Paras Mittal, Gianender & R. Yadav	6(IV), 2018: 2802-2816	2018	International Journal for Research in Applied Science & Engineering Technology	https://www.ijraset.com/fileservice.php?FID=16005
507	Mechanical	Gianender Kajal	Process Parameter Selection for Optimizing the Mechanical Properties of Stainless Steel (SS 202 & SS 316) in the Gas Tungsten Arc Welding	Rekha & Gianender	6(IV), 2018: 2684-2695	2018	International Journal for Research in Applied Science & Engineering Technology	https://www.ijraset.com/fileservice.php?FID=16005
508	Mechanical	Gianender Kajal & Jai Prakash Sharma	Textiles for protection against Electromagnetic Radiations: A review	Pratibha Malik, Astha Sharma, Gianender & J.P Sharma	8(6) Part-III, 2018: 32-37	2018	International Journal of Engineering Research and Applications	https://www.researchgate.net/publication/330543778_Textiles_for_protection_against_Electromagnetic_

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
								Radiations_A_review
509	Physics	Haider Abbas	A first principles study of key electronic, optical, second and third order nonlinear optical properties of 3-(4-chlorophenyl)-1-(pyridin-3-yl)prop-2-en-1-one : a novel D-π -A type chalcone derivative	Mohd. Shkir1 · S. AlFaify1 · M. Arora2 · V. Ganesh1 · Haider Abbas3 · I. S. Yahia1	Volume 17, Issue 1, pp 9–20, March 2018	2018	Journal of Computational Electronics, March 2018, Volume 17, Issue 1, pp 9–20.	https://doi.org/10.1007/s10825-017-1050-3
510	Physics	Anshuman Sahai	Structural, vibrational and electronic properties of CuO nanoparticles synthesized via exploding wire technique	Sahai, Anshuman and Goswami, Navendu and Mishra, Monu and Gupta, Govind	vol. 44 (2), pp. 2478-2484, 2018	2018	Ceramics International	https://doi.org/10.1016/j.ceramint.2017.10.224
511	Physics	Sandeep Kumar	Isolated terawatt attosecond hard X-ray pulse generated from single current spike	C.H. Shim, Sandeep Kumar, Y.W. Parc, In Soo Ko, and D.E. Kim	vol.8, 7463 (May 2018)	2018	Scientific Reports (Nature)	https://doi.org/10.1038/s41598-018-25778-x
512	Mathematics	Dinesh Tripathi	Inequalities For rational functions with prescribed poles	Hans, S., Tripathi, D., Mogbademu, A.A., Tyagi, B.	Vol.-21, 2018-Issue-1	2018	Journal of Interdisciplinary Mathematics	https://www.tandfonline.com/doi/abs/10.1080/09720502.2015.1033837

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513	Physics	Haider Abbas	A first principles study of key electronic, optical, second and third order nonlinear optical properties of 3-(4-chlorophenyl)-1-(pyridin-3-yl)prop-2-en-1-one : a novel D-π-A type chalcone derivative	Shkir, M., AlFaify, S., Arora, M., Ganesh, V., Abbas, H., Yahia, I.S.	Vol. no.-17, Issue-1, Pg. no.9-20	2017	Journal of Computational Electronics	https://dl.acm.org/doi/10.1007/s10825-017-1050-3
514	Management & Commerce	Priyanka Chadha	Mobile Shopping Apps: Functionalities, Consumer Adoption, and Usage	Chadha, P., Alavi, S., Ahuja, V.	Vol.-7, Issue no.-4, Pg. no.-40-55	2017	International Journal of Cyber Behavior, Psychology and Learning	10.4018/IJC BPL.2017100104
515	Mechanical	B.D. Pathak	Mechanical properties of thermoelectric n-type magnesium silicide synthesized employing in situ spark plasma reaction sintering	Muthiah, S., Singh, R.C., Pathak, B.D., Dhar, A.	Vol.4, Issue-7, Art no.-75507	2017	Materials Research Express	https://iopscience.iop.org/article/10.1088/2053-1591/aa76a8
516	Mechanical	Sujata Nayak, Kapil Narwal	Economic analysis of hybrid photovoltaic-thermal (PV-T) integrated indirect-type solar dryer	Nayak, S., Narwal, K.	Pg. no. 515-528	2017	Green Energy and Technology	10.1007/978-981-10-3833-4_18

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517	Physics	Jai Prakash	Structural, dielectric and magnetic studies of multiferroics Bi _{1-x} Sr _x FeO ₃ (x = 0.1, 0.2, 0.3, 0.4, and 0.5)	Jaiparkash, Chauhan, R.S., Kumar, R., Kumar, P., Kumar, A.	Vol.72, Pg. no.-5-9	2017	Solid State Sciences	https://www.sciencedirect.com/science/article/abs/pii/S1293255817304107
518	Chemistry	Meena Kapahi	The Emerging Environmental and Public Health Problem of Electronic Waste in India	Veenu Joon, Renu Shahrawat, Meena Kapahi	7(15), 2017: 1-7. September	2017	Journal of Health and Pollution	https://www.journalhealthpollution.org/doi/full/10.5696/2156-9614-7.15.1
519	CST	Manoj Kumar	A Walk through Various Data Hiding Techniques	Manoj Kumar, Rohit Tanwar	Volume-7, Issue-8, October 2017	2017	International Journals of Advanced Research in Computer Science and Software Engineering	https://ijarcse.com/index.php/ijarcse/article/view/20
520	CST	Babita Ahuja	Expert System for Data Region Extraction and Semantic Integrated Graph of Named Entities	Babita Ahuja, Anuradha, Dimple Juneja	Volume-9 , Number-1 , Jan -June, 2017 pp. 84-91	2017	International Journal of Electronics Engineering	http://www.csjournals.com/IJEE/PDF9-1/13.%20Babita.pdf
521	ECE	Y.K Awasthi	CAD Based Circuits Model of Microstrip Line for THz Interconnect Technology	Yogen a K. Awasthi , Himanshu Singh 1 , Manish Sharma, Sarita Kumari , Anand K. Verma	Vol. 2017, No. 9, pp. 512 – 526, Sept. 2017	2017	IET The Journal of Engineering	https://digital-library.thiet.org/content/journals/10.1049/joe.2017.0078

S. No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Publication Link
522	ECE	Y.K Awasthi	Compact UWB antenna with high rejection triple band-notch characteristics for wireless applications	Manish Sharma, Yogen a Kumar Awasthi, Himanshu Singh, Raj Kumar, Sarita Kumari	Vol. 97, No. 3, pp. 4129–4143, Dec.2017	2017	Wireless Personal Communications (Springer)	https://link.springer.com/article/10.1007/s11277-017-4716-z
523	ECE	Y.K Awasthi	Design of Compact Planar Triple Band-Notch Monopole Antenna for Ultra-wideband Applications	Manish Sharma, Yogen a Kumar Awasthi, Himanshu Singh	[1] Vol. 97, No. 3, pp. 3531–3545, Dec.2017.	2017	Wireless Personal Communications (Springer)	https://link.springer.com/article/10.1007/s11277-017-4684-3
524	ECE	Yogendra Kumar Awasthi	Planar High Rejection Dual Band-Notch UWB Antenna with X & Ku-bands Wireless Applications	Manish Sharma, Yogendra Kumar Awasthi, Himanshu Singh	Vol. 9, No. 8, pp. 1725-1733, Oct. 2017.	2017	International Journal of Microwave and Wireless Technologies	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies/article/planar-high-rejection-dual-band-notch-uwb-antenna-with-x-kubands-wireless-applications/2AC2D1E926A7ED8D3344F7883D42862D
525	Education & Humanities	Babita Parashar	Resstructuring Pre Service Teacher	Babita Parashar	Vol 55 No. 18	2017	University News	Print Journal

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			Education in India: Some Lessons in India					
526	Education & Humanities	Chhavi Kulshreshtha	Nursery Rhymes: A Linkage Between Society and Culture	Dr Chhavi Kulshreshtha	Vol.5, Issue 9	2017	International Journal of English Language, Literature in Humanities	Print Journal
527	Mathematics	Dinesh Tripathi	Inequalities Describing The Growth Of Polynomials	D. Tripathi, S. Hans, Babita Tyagi	22(1), 2017, 87-98	2017	Journal-Non-Linear Functional Analysis and Application	https://www.researchgate.net/publication/321696861_
528	Mechanical	J. P. Sharma & Gianender Kajal	Prediction of Mechanical and Wear Properties of Al-6061/MoS2 (Molybdenum Disulphide) Composites	R.Yadav, J.P. SHARMA, Gianender & Rekha Yadav	6(8), August, 2017: 15839-15849	2017	International Journal of Innovative Research in Science, Engineering and Technology	https://www.researchgate.net/publication/330545015_Prediction_of_Mechanical_and_Wear_Properties_of_Al-6061_MoS_2_Molybdenum_Disulphide_Composites
529	Mechanical	Prashant Bhardwaj	Optimal Availability Analysis of Drill Bit Manufacturing System by using Markov Approach	Nikhil Arora, Prashant Bhardwaj, Smriti Mishra	5(XII), 2017: 2261-2266	2017	International Journal for Research in Applied Science & Engineering Technology	https://www.ijraset.com/fileservice.php?FID=12479

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530	Mechanical	Mandeep Bhadana, Ajit Katiyar, Gianender Kajal & Rinki Yadav	Occupational health hazards of welding workers: Piping Industry Perspective	Ajit, Mandeep, Gianender & R.Yadav	4(9), 2017: 6039-6046, September 2017	2017	International Journal of Emerging Trends in Science and Technology	https://www.researchgate.net/publication/364336215_Occupational_health_hazards_of_welding_workers_Piping_Industry_Perspective
531	Mechanical	Pradeep Kumar Mouria Gianender Kajal & Ajay Kumar Agarwal	Reverse Engineering on Process Cycle Time in a Medium Scale Industry – Data Anthology	Pradeep kumar Mouria, Parmod yadav,Ajay kumar Agarwal,	5(XI), 2017: 196-202, November 2017	2017	International Journal for Research in Applied Science & Engineering Technology	https://www.researchgate.net/publication/325527045_Reverse_Engineering_on_Process_Cycle_Time_in_a_Medium_Scale_Industry-Data_Anthology
532	Mechanical	Ajit Katiyar & Gianender Kajal	A Review of Working Fluid Combinations used in Diffusion Absorption Refrigeration Technologies	Tarun Tiwari, Ajit & Gianender	5(XI), 2017: 2105-2111, November 2017	2017	International Journal for Research in Applied Science & Engineering Technology	https://www.ijraset.com/fileservice.php?FID=11389
533	Mechanical	Ajit Katiyar & Gianender Kajal	Electricity Generation using Vertical Axis Wind Turbine: Design and Development	Mahesh Pandey, Ashutosh Pandey, Ajit & Gianender	6 (Special issue no. 2), December 2017: 234-244	2017	International Journal of Advance Research in Science and Engineering	http://www.ijarse.com/images/fullpdf/1514970807_TE01-037.pdf

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534	Mechanical	Gianender Kajal & Ajit Katiyar	Effect of Dielectric fluids used on EDM Performance: A Review	K.Singh, Gianender,A.K umar & Ajit	5(10), 2017: 10-16	2017	International Journal of Emerging Technologies in Engineering Research	https://www.researchgate.net/publication/325526999_Effect_of_Dielectric_fluids_used_on_EDM_Performance_A_Review
535	Physics	Ananna Bardhan & D.K. Sharma	Equinoctial aymmetry in ionosphere over Indian region during 2006-2013 using COSMIC measurements	Malini Aggarwal, Ananna Bardhan and D. K. Sharma	Vol 60, pp 999-1014, 2017,	2017	Advances in space Research,	https://www.sciencedirect.com/science/article/pii/S0273117717303654
536	Physics	Jaiparkash	Structural, dielectric and magnetic studies of multiferroics Bi _{1-x} Sr _x FeO ₃ (x = 0.1, 0.2, 0.3, 0.4, and 0.5)	Jaiparkash, R.S Chauhan, Ravi Kumar, Pawan Kumar and Anil Kumar	Vol. 72, 2017, 5-9	2017	Solid State Sciences	https://ui.adsabs.harvard.edu/abs/2017SSSci..72....5J/abstract
537	Physics	D. K. Sharma & Ananna Bardhan	Variability of ionospheric parameters during solar minimum and maximum activity and assessment of IRI model	D. K. Sharma, Malini Aggarwal and Ananna Bardhan	Vol 60, pp 435-443, 2017	2017	Advances in space Research	https://www.sciencedirect.com/science/article/pii/S0273117716306536
538	Physics	Haider Abbas	Key functions analysis of a novel nonlinear	Patil, P.S., Shkir, M., Maidur, S.R.,	Volume 72, October	2017	Optical Materials	http://npl.csircentral.net/2767/

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			optical D-π-A bridge type (2E)-3-(4-Methylphenyl)-1-(3-nitrophenyl) prop-2-en-1-one chalcone: An experimental and theoretical approach	AlFaify, S., Arora, M., Rao, S.V., Abbas, H., Ganesh, V.	2017, Pages 427–435			
539	Management & Commerce	Rajat Gera	Evaluating the effects of service quality, customer satisfaction, and service value on behavioral intentions with life insurance customers in India	Gera R., Mittal S., Batra D.K., Prasad B.	Vol. 8(3), pages 1-20, July 2017	2017	International Journal of Service Science, Management, Engineering, and Technology	https://ideas.repec.org/a/igg/jssmet/v8y2017i3p1-20.html
540	Education & Humanities	Akhilesh Kumar Dwivedi	Social Media: An Open Platform of Interpersonal Communication	Akhilesh Kumar Dwivedi	Vol.3, Page No.140-146, 2017	2017		https://glocalcolloquies.com/wp-content/uploads/2019/01/12.-Dr-Akhilesh.pdf