

Manav Rachna University, Faridabad.

Research Publications of faculty members published in Journals of last five years

S.No.	Deptt.	Faculty Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name
1	CST	R. Girija	Cryptanalysis of DRPE using complex S-Box based on linear canonical transform	Girija R., Singh H., Abirami G.	Vol.82, Issue-8, Page-12151-12166	2023	Multimedia Tools and Applications
2	CST	Hardeo Kumar Thakur	A trustworthy model of recommender system using hyper-tuned restricted boltzmann machine	Jha G.K., Gaur M., Ranjan P., Thakur H.K.	Vol.82, Issue-6, Page-8261-8285	2023	Multimedia Tools and Applications
3	ECE	Charu Pathak	Dynamics Inside a Dual-Frequency Paul Trap in the Presence of Excess Micromotion	Kansal A., Saxena V., Pathak C.	Vol.51, Issue-2, Page-359-366	2023	IEEE Transactions on Plasma Science
4	CST	Shalu Singh	A Bio-inspired VM Migration using Re-initialization and Decomposition Based-Whale Optimization	Singh S., Singh D.	Vol.9, Issue-1, Page-92-99	2023	ICT Express
5	Mechanical	Vineet Dubey	Comparative study of dry machining with	Shukla A., Dubey V., Kumar	DOI:10.1016/j.matpr.2023.02.228	2023	Materials Today: Proceedings

			MQL assisted soybean oil in turning operation of AISI 304 steel	Sharma A.			
6	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	2023	International Journal of Software Innovation
7	Mechanical	Pradeep Kumar Mouria	Optimizing the Parameters of Spark Plasma Sintering to Enhance the Hardness of MgO/TiC Composites	Karanam S.A.K., Rathinam R., Mouria P.K., Alguno A.C., Capangpangan R.Y., Achamyelah T., Gonzales J.L.A., Sharma V.K., Livingston T.S.	Vol.2023, Art No.1335481	2023	Advances in Materials Science and Engineering
8	CST	R. Girija	High Performance Classifier for Brain Tumor Detection Using Capsule Neural Network	Purni J.S.T., Vedhapriyavadhana R., Jayalakshmi S.L., Girija R.	Vol.967, Page-151-164	2023	Lecture Notes in Electrical Engineering
9	Management & Commerce	Priyanka Chadha & 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	DOI:10.1016/j.asej.2023.102129	2023	Ain Shams Engineering Journal

				S., Solopova N., Dixit S., Vatin N.I.			
10	ECE/Physics	Nitika, Shiv Kumar Dixit, Aditya Sharma	Mechanistic insights on improved performance of PCDTBT:PC71BM hetero-structured organic photovoltaic cells via interfacing CdSe/ZnS nanostructures	Nitika, Gupta S., Dixit S.K., Sharma A., Vij A., Bhatnagar C., Kumari A., Kumar V., Bahal B.M., Sharma R.K., Bhatnagar P.K.	Vol.13, Issue-1, Page-443-452	2023	Applied Nanoscience (Switzerland)
11	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-54-62	2023	Journal of Content, Community and Communication
12	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, No. 1 Pg no: 1239-1246, January 2023	2023	The Seybold Report Journal
13	Management & Commerce	Chand P. Saini	Unified AHP-TOPSIS and DEA technique for the adoption and performance evaluation of	Neha Gupta, Chand P. Saini, Amit Dangiand Md. Tanwir Akhtar	Vol. 88, No. 2-4	2022	International Journal of Vehicle Design

			green transportation alternatives in India				
14	Management & Commerce	Pooja Kapoor	Identifying the Barriers and Highlighting The need to Strategize ICT Adoption-A Study of Indian MSMES	Srilekh. S, Pooja Kapoor	Vol: XVI, December 2022	2022	Rabindra Bharati University Journal of Economics
15	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	https://doi.org/10.1016/j.matpr.2022.11.235	2022	Materials Today: Proceedings
16	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
17	Chemistry	Megha Bansal	Development of Portland Limestone Cement (PLC) in India using different composition of cement and marginal grade limestone: A	Sandeep Gupta, B.N.Mohapatra, Megha Bansal	Volume 99, Issue 11, November 2022, 100724	2022	Journal of the Indian Chemical Society

			sustainable approach				
18	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
19	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 Nag & Priyanka Chadha	https://doi.org/10.1007/s12008-022-01031-8	2022	International Journal on Interactive Design and Manufacturing
20	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
21	Chemistry	Arumugam Jayamani	Mixed ligand octahedral Zn(II) complex of	Thamilarasan Vijayan, Mani Pugazhenthii,	Volume 43, Issue 11, Pages: 1223	2022	Bulletin of the Korean Chemical

			N ^N O donor tridentate Schiff base ligand and N ^N donor bidentate bipyridine ligand: Synthesis, characterization, biological activity and cytotoxicity	Azam Nasirian, Jinheung Kim, Gopinath Kasi, Arumugam Jayamani	-1293, November 2022		Society
22	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
23	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
24	Education&Humanities	Babita Parashar	Validation on Social Media and Adolescents: A matter of self	Radhika Dhingra, Babita	Vol. 13(4)	2022	Journal of Educator Teachers and

			esteem	Parashar			Trainers
25	Management & Commerce	Chand P. 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, pp. 459–471	2022	Transnational Marketing Journal
26	Physics	Jitendra Pal Singh	Structural, optical, and magnetic properties of Ag ⁺ , Mn ⁺ and Ar ⁺ ions implanted ZnO thin films: effect of implanaton dose and stopping energy	Weon Cheol Lim, Jitendra Pal Singh, Jonghan Song, Tae-Yeon Seong and Keun Hwa Chae	12(46):2966 6-29676	2022	RSC Advances
27	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
28	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

29	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
30	CST	Sachin Lakra	Image based early detection of diabetic retinopathy: A systematic review on Artificial Intelligence (AI) based recent trends and approaches	Anju Mishra, Laxman Singh, Mrinal Pandey, Sachin Lakra	Vol. 43, No. 5, pp. 6709-6741, September 2022	2022	Journal of Intelligent & Fuzzy Systems
31	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
32	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
33	CST	Urmila Pilia	Framework for Video Steganography Using Integer Wavelet	Urmila Pilia, Rohit Tanwar, Mazdak Zamani and	14(9), 254, August 2022	2022	Future Internet

			Transform and JPEG Compression	Azizah Abdul Manaf			
34	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
35	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
36	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
37	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
38	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	Materials today: Proceedings
39	Mechanical	Prashant	Influence of Process	Smriti Mishra, Prashant	Volume 64, Part 3,	2022	Materials today:

		Bhardwaj	Parameters of Friction Stir Processing on the Fabrication of Metal Foam	Bhardwaj, Neha Bhadauria, Prashant Vashishtha	2022, Pages 1398-1402		Proceedings
40	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 1308-5581	2022	International Journal of Early Childhood Special Education (INT-JECSE)
41	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
42	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
43	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

44	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
45	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
46	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, pp. 2693-2710, 2022	2022	Journal of Intelligent & Fuzzy Systems
47	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
48	Mechanical	Prashant Bhardwaj	Fabrication of aluminium MMCs & associated difficulties-A Review	Neha Bhadauria, Prashant Vashishtha, Smriti Mishra, Prashant	Volume 64, Part 3, 2022, Pages 1276-1282	2022	Materials Today

				Bhardwaj			
49	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
50	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
51	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
52	Law	S.K. Bose	Understanding jurisdiction with reference to International Law	S.K. Bose	Vol.30. June 2022	2022	Supremo Amicus
53	Law	S.K. Bose	The Rule of Law and its Modern Concept-A Comparative	Nikita Deo Singh, S.K. Bose	www.mindyourlaw.com	2022	mindyourlaw blog.com

			Study				
54	Law	S.K. Bose	Understanding the English Legal System	S.K. Bose	Vol.II, Issue 13, 2022	2022	White And Black Legal
55	Law	S.K. Bose	Crime Against Humanity: Institute for international Criminal Investigation	Shaalu Srivastav, S.K. Bose	Vol II, Issue 13, Pg 3	2022	
56	Education & Humanities	Babita Parashar	Inclusion and School Leadership: Are we prepared?	Sudhakar Jha, Babita Parashar	Vol.14, Issue 4, page 73-81	2022	International Journal of Early Childhood Special Education
57	Law	S.K. Bose	Understanding jurisdiction with reference to International Law	S.K. Bose	Vol.9, Issue 6 Page 317-323	2022	Journal of Emerging Technologies Innovation and Research
58	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
59	Mechanical	Ajit Katiyar	Productivity analysis of pyramid solar still with solid clay	Ajit Katiyar, Harshit Pandey, Naveen	Volume 62, Part 6, 2022, Pages 4081-4085	2022	Materials Today: Proceedings

			pots	Kumar Gupta			
60	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
61	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
62	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
63	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

64	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
65	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 Hwa Chae, Sung Ok Won	Vol. 51, Pages 4133–4138 (2022)	2022	Journal of Electronic Materials
66	Mechanical	Ajit Katiyar	Productivity Analysis of Pyramid Solar still with Solid Clay Pots	Ajit, Harshit Pandey, Naveen Kumar Gupta	Volume 62, Part 6, 2022, Pages 4081-4085	2022	Materials Today
67	Mathematics	Kamlesh Kumar	A Fully Finite Difference Scheme for Time-Fractional Telegraph Equation involving Atangana	Kamlesh Kumar, Jogendra Kumar, Rajesh K. Pandey	Vol. 8, 154 (2022)	2022	International Journal of Applied and Computational Mathematics

			Baleanu Caputo Fractional Derivative				
68	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
69	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
70	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
71	Law	S.K. Bose	Where does India stand on the Refugee Question? A Critical Analysis	Linto K. B, S.K. Bose	Vol. 6, No. 4, 6837 – 6843, May 2022	2022	Journal of Positive School Psychology
72	Chemistry	Arpit Sand	Development of functional guar gum based highly water absorbent and investigation of reaction	Sapna, Singh Jay, Arpit Sand	Volume 9, Issue 2, 453 - 464, 31.05.2022	2022	Journal of the Turkish Chemical Society, Section A: Chemistry

			parameters				
73	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
74	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
75	Management & Commerce	Animesh Singh, Rashi Banerji	Happiness at Work, Organization Citizenship Behaviour and Workplace Diversity: A Study on Indian Private Sector Bank Employees, Industrial and Commercial Training	Animesh Singh, Rashi Banerji	https://doi.org/10.1108/ICT-05-2021-0037	2022	Industrial and Commercial Training
76	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
77	CST	Aarti Sangwan	QoS Constrained Network Coding Technique to	Sathishkumar A., Rammohan	Vol.43, Issue 2, 2022, Pages	2022	Computer Systems Science and

			Data Transmission Using IoT	T., Sathish Kumar S., Uma J., Srujan Raju K., Sangwan A., Sivachitra M., Prabu M.	531-544		Engineering
78	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	Materials Today
79	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
80	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
81	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

82	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
83	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
84	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
85	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 Management & Humanities
86	CST	Shalu Singh	A bio-inspired virtual migration	Shalu Singh,	https://doi.org/10.1016	2022	ICT EXPRESS

			using Re-initialization and Decomposition based-Whale Optimization	Dinesh Singh	/j.ict.e.2022.02.003		
87	Education & Humanities	Rashee Singh & Savita Sharma	Impact of Burnout on organizational Climate among Secondary School Teachers	Rashee Singh and Savita Sharma	Vol.: XXIII, No.: 1, 2022	2022	Vidyabharati International Interdisciplinary Research Journal
88	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
89	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
90	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
91	Physics	Aditya sharma	Structural, Surface, and	Aditya Sharma, Ksh.	Vol No. 51, Pages	2022	Journal of Electronic

			Electronic Structure Properties of Ag-Ion-Implanted SrVO ₃ Thin Films	Devarani Devi, Mayora Varshney, Himani Saraswat, Surekha Chaudhary, Byeong-hyeon Lee, So-Hee Kim, Sung Ok Won, Keun Hwa Chae, Ankush Vij, Ram K. Sharma & Hyun-Joon Shin	1900–1904, February 2022		Materials
92	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
93	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
94	Physics	Aditya Sharma	Electronic structure and magnetic assets of FeCoGaO ₄ nanoparticles: An XANES	Sharma A., Varshney M., Kumar Y., Lee B.-H., Won S.O., Chae K.H., Vij A.,	Volume 161, February 2022, 110476	2022	Journal of Physics and Chemistry of Solids

			investigation	Sharma R.K., Shin H.-J.			
95	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
96	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
97	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
98	Law	S.K Bose	Teaching Comparative Public Law in Law universities	S.K Bose	Lawteacher sindia.com	2022	lawteachersi ndia.com
99	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
100	Chemistry	Megha Bansal, Vinayak V.	Experimental and Kinetic Studies for Improvement of Biogas	Punam Rani, Megha Bansal, Vinayak	5, 100283 (2022)	2022	Current Research in Green and Sustainable

		Pathak	Production from KOH Pretreated Wheat Straw	Vandan Pathak			Chemistry
101	Chemistry	Sudhish Kumar Shukla	An experimental approach to find aniline-formaldehyde copolymers 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
102	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
103	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
104	ECE	Shruti Vashist	Power allocation to enhance non-orthogonal multiple access performance	Dipa Nitin Kokane, Geeta Nijhawan, Shruti Vashist	Volume 22, Issue 2, January 2022 Page 188–193	2022	International Journal of Wireless and Mobile Computing
105	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

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106	Management & Commerce	Parul Jhajharia	Anxiety Level of Nurses Working in Designated Covid-19 Multi Specialty Private Hospitals in Delhi: A Comparative Study between Peak and Less Corona-virus Cases	Amit Mahajan, Parul Jhajharia and Bishan Singh Nagi	-	2022	Health and Population: Perspective and Issues
107	Management & Commerce	Pragati Chauhan	Controlling the Uncontrolled: Over tourism in Hill Stations of Northern India	Saurabh Gupta, Nupur Gupta, Dr. Pragati Chauhan	Vol. 6, No. 5, Page no. 6549–6568	2022	Journal of Positive School Psychology
108	Education & Humanities	Dr. Rashee Singh	Pandemic Impact of burnout on Teachers Attitude towards Teaching profession	Dr. Rashee Singh	-	2022	Vidyabharti International Interdisciplinary journal of Education
109	Law	Versha Vahini and Chaitali Wadhwa	Growth of Arbitration Law in India	Versha Vahini and Chaitali Wadhwa	-	2022	Indian Law Review, NLIU Bhopal
110	Law	Chaitali Wadhwa	LGBTQ+ Inclusivity at the workplace: A critical analysis of the position in India	Chaitali Wadhwa, Pooja Trehan	-	2022	Lexigentia
111	Education & Humanities	Dr. Geeta Thakur	Announce of prevention is worth a pound of cure: A study on Emotional	Rajiv Mishra, Sunil Rai, Geeta Thakur and Anurag	-	2022	International Journal of Work Organization

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112	CST	Shalu Singh	A bio-inspired VM migration using Re-initialization and Decomposition based-Whale Optimization	Shalu Singh, Dinesh Singh	Vol.9, Page no. 92-99	2022	ICT EXPRESS
113	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	Vol.35, Issue 3, Page no. 808 - 820, 2022	2022	Gazi University Journal of Science
114	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	doi.org/10.390/fractalf ract6070387	2022	Fractal and Fractional
115	Management & Commerce	Sachita Yadav	The Impact of Social Media Marketing on Consumer based brand equity for	Nidhi Midha, Sachita Yadav, Sanjay Srivastava	Vol. 17 Page no. 1-14, 2022	2022	Gurukul Business Review

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116	CST	Gaganjot Kaur, Prinima Gupta	Detection of Distributed Denial of Service Attacks for IoT-Based Healthcare Systems	Gaganjot Kaur, Prinima Gupta	http://dx.doi.org/10.24423/comes.450	2022	Computer Assisted Methods in Engineering and Science
117	CST	Gaganjot Kaur, Prinima Gupta	An Investigation of Different DDOS Attack Detection Methods in Software-Defined Networks	Gaganjot Kaur, Prinima Gupta	https://doi.org/10.53730/ijhs.v6nS1.4863	2022	International Journal of Health Sciences
118	Law	Aditi Chaudhary	Climate Change and Displacement of People in India: Analyzing gaps in Indian Legal framework	Aditi Chaudhary, Versha Vahini	-	2022	Stochastic Modeling & Applications
119	Law	Aditi Chaudhary	A multi-track approach to filling the protection gaps: Climate change, natural disasters and displacement	Aditi Chaudhary, Versha Vahini	-	2022	International Journal of Early Childhood and Special Education
120	Law	Dr. Shaharyar Asaf Khan	The Limits of Religious Freedom: How Measured	Dr. Shaharyar Asaf Khan, Vani Kataria	Vol. 47, Issue. 02, 2022	2022	Shodha Prabha (UGC Care)
121	Law	Dr. Shaharyar	Contextualising Abusive Behaviour of	Dr. Nisha Dhanraj Dewani, Dr.	Vol. 6, No. 2, Page no.	2022	Journal of Positive School

		Asaf Khan	Dominant Entity- Challenges before Fair Competitive Market	Zubair Ahmed Khan, Dr. Shaharyar Asaf Khan	3928–3935		Psychology
122	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 (IJARESM)
123	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
124	Law	Sampriti Phukan	Street Vendors and the supply chain during the Corona crisis	Sampriti Phukan and Dr.(Prof.) Somdutt Bhardwaj	-	2022	Shodha Prabha
125	Law	Sampriti Phukan	Government's piecemeal approach towards street vendors- A critical analysis of the Pradhan Mantri Street Vendors Atmanirbhar Nidhi Scheme (PMSVANidhi)	Sampriti Phukan and Dr.(Prof.) Somdutt Bhardwaj		2022	Rabindra Bharati Journal of Philosophy
126	Chemistry	Sudeep Kumar Shukla	Corrosion Inhibition Activity of Cefixime on Mild Steel Surface	Tanwer S., Shukla Kumar S.	Volume 15, Issue 3, 2022, Pages	2021	Progress in Color, Colorants

			in Aqueous Sulphuric Acid		243-255		and Coatings
127	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	2021	Current Research in Green and Sustainable Chemistry
128	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
129	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
130	Education & Humanities	Babita Parashar	Pandemic, Infodemic and People's resilience in India: Viewpoint	Shabbir Syed Abdul, Meghna Ramaswamy, Luis Fernandez-Luque, Oommen John, Thejkiran	Vol. 7, Issue 12, Article number e31645, Page 1-7, December 2021	2021	JMIR Public Health and Sureveillance

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131	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
132	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
133	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
134	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
135	Management & Commerce	Pooja Kapoor	MSME Performance impacted by it adoption-an	S. Srilekh, Pooja Kapoor	Vol. 8, Issue 2, December 2021, pp.	2021	Journal of General Management Research

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136	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
137	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
138	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
139	Education & Humanities	Rashee Singh	A comparative study on the occupational Aspiration of the BPL and Non-BPL	Rashee Singh	XXII, No. 1	2021	Journal of Education, Rabindra Bharati

			Card holder students of Class 9th in the Government Schools of Haryana				University
140	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
141	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
142	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
143	Chemistry	Sudhish Kumar Shukla	Evaluation of Corrosion Inhibition Properties of	Shukla S.K., Tanwer S.	Volume 8, Issue 4, 1099 - 1110,	2021	Journal of the Turkish Chemical Society,

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144	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
145	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
146	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	Vol.41, Issue. 9	2021	Indian Journal of Environmental Protection
147	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)
148	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

149	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
150	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
151	Chemistry	Megha Bansal	Chemico-Mineralogical Evaluation of Clinker from Four Different Zones of India: A Comparative Study Toward Development of Portland Limestone Cement (PLC) in Indian Scenario	Gupta, S., Mohapatra, B.N. & Bansal, M	10, pages 448–457, 2021	2021	Metallograph, Microstructure, and Analysis
152	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
153	Chemistry	Sudhish	An overview of	Sudhish	Vol. 8 Issue	2021	Journal of

		Kumar Shukla	the polymeric materials that can be used to prevent metal corrosion: A review	Kumar Shukla, Abhishek Dwivedi & Prem Kumar Bharti	3, pp: 863-872, 2021		Turkish Chemical Society Section A: Chemistry
154	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
155	Maths	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
156	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
157	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
158	Management & Commerce	Animesh Singh & Rashi	Human Resource Development Climate and	Animesh Singh, Rashi Banerji	Vol. 12 No.1, pp.01-16.	2021	OPUS, HR Journal, SCHMRD,

		Banerji	Employee Service Behavior in Banks: The Mediating Role of Organizational Commitment				Pune
159	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
160	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
161	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	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

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162	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
163	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
164	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
165	Chemistry	Vinayak V. Pathak	Utilization of Chlorella pyrenoidosa for Remediation of Common Effluent Treatment Plant Wastewater in Coupling with Correlational 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
166	ECE	Shruti Vashist	Power Allocation Optimization for Non Orthogonal Multiple Access	Dipa Nitin Kokanea, Geeta Nijhawanb, Shruti Vashist	Volume 12, Issue 7, July, 2021:1112 – 1119	2021	Turkish Online Journal of Qualitative Inquiry
167	CST	M. Thurai	Secured medical	M. Thurai	https://doi.	2021	Material

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168	Chemistry	Vinayak V. Pathak & Megha Bansal	Co-digestion of wheat straw and animal manure pretreated with calcium hydroxide for biomethane production: Kinetic study	Rani, P., Pathak, V.V., Bansal, M.	Volume-4, Page No.100145	2021	Current Research in Green and Sustainable Chemistry
169	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
170	CST	Gunjan Chandwani	An approach for document retrieval using cluster-based inverted indexing	Chandwani G., Ahlawat A., Dubey G.	https://doi.org/10.1177/01655515211018401	2021	Journal of Information Science
171	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
172	ECE	Yogita Khanna	A single layer wideband metasurface absorber for electromagnetic interference	Yogita Khanna and Y. K. Awasthi	Volume 14, Issue 5, June 2021, pp. 573 - 579	2021	International Journal of Microwave and Wireless Technologies

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173	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
174	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
175	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
176	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
177	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
178	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
179	Law	Ajay Bhatia	An Empirical	Ajay Bhatia,	Volume 20,	2021	Empirical

			Investigation of Quality of Work Life on Teachers' Workplace Happiness during Challenging Times	Farhat Mohsin, Nandini Srivastava	Special Issue 1		Economics Letters
180	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
181	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, Page no. 29-38, May 2021.	2021	International Journal of Technical Research & Science
182	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
183	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
184	CST	Manoj Kumar	Automating the Indian transportation system through intelligent searching and	Yadav, S., Yadav, D.K., Budati, A.K., Kumar, M., Suri, A.	Volume-10, Issue-3, Page No. 123-128	2021	IET Networks

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185	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
186	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
187	CST	Urmila Pilania & Prinima Gupta	Stable High-Capacity Video Steganography in Wavelet Domain	Urmila Pilania, Rohit Tanwar and Prinima Gupta	Vol.12(7), Page No. 2142- 2158	2021	Turkish Journal of Computer and Mathematics Education
188	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
189	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

190	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 Environment s
191	Physics	Aditya Sharma & Shiv Kumar Dixit	Mechanistic insights on improved performance of PCDTBT:PC71BM hetero-structured organic photovoltaic cells via interfacing CdSe/ZnS nanostructures	Nitika, Sakshi Gupta, Shiv Kumar Dixit,, Aditya Sharma, Ankush Vij, Chhavi Bhatnagar, Anita Kumari, Vinod Kumar, B.M. Bahal, Ram K. Sharma and P.K. Bhatnagar	https://doi.org/10.1007/s13204-021-01789-5	2021	Applied Nanoscience
192	CST	Urmila Pilia & Prinima Gupta	A roadmap of steganography tools: conventional to modern	Urmila Pilia, Rohit Tanwar, Prinima Gupta and Tanupriya Choudhury	29, pages 761–774 (2021)	2021	Spatial Information Research (SPIR) (Springer)
193	Chemistry	Arpit Sand	Effects of Reaction Parameters on Water Absorption of Poly(itaconic acid) Superabsorbent Particles Synthesized Inverse Suspension	Sand, Arpit; Shin, Nam Jae; Nam, Hyun-Gu; Kwark, Young-Je	Vol. 22, No.4, Page No. 898-903	2021	Fibers and Polymers

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194	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
195	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
196	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
197	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
198	Physics	Haider Abbas	Reactivity between medium-sized silicon cluster and NO ₂ : first	Ankur Chahal and Haider Abbas	Volume No. 27, Art No.88	2021	Journal of Molecular Modeling

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199	Management & Commerce	Rashi Banerji	Cashless Payments in India: An Empirical Study on Credit Card Selection and Usage Preferences	Rashi Banerji	Vol.10 No.4, Page No.309 - 321, February 2021	2021	International Journal of Financial Services Management
200	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
201	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
202	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

203	ECE	Lokesh Bhardwaj	Sum rate capacity of non-orthogonal multiple access scheme with optimal power allocation	Bhardwaj L., Mishra R.K., Shankar R.	https://doi.org/10.1177/1548512920983531	2021	Journal of Defense Modeling and Simulation
204	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
205	Law	Seema Gupta	Are we doing enough to protect ourselves digitally? – An empirical study	Seema Gupta	<u>All India Reporter, January 2021, Journal section, page 1</u>	2021	All India Reporter, Journal Section
206	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
207	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

208	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
209	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
210	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
211	Chemistry	Priti Gupta	Effect of Polyvinyl alcohol on the physicochemical properties of soil and soil amino acid ineraction	Jamal Ahmad Khan, Shagufta Jabin, Priti Gupta	Year 2021, Volume 10, Issue 1, Pages 32 - 37	2021	Eurasian Journal of Soil Science
212	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
213	Law	Ajay Bhatia	Role of Workplace Happiness in	Ajay Bhatia, Farhat Mohsin	DOI:10.1504 /WREMSD.2021.100362	2021	World Review of Entrepreneur

			achieving Sustainable Academic Performance: A Study on Selected Private Universities in Delhi NCR		41		ship Management and Sustainable Development
214	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
215	Chemistry	Priti Gupta	Polyelectrolytes as a Material of value in water Treatment :A review	Jabin, Shagufta Gupta, Priti, Sharma, Mukta	Vol.18, Issue-3, Page no. 109-115, 2021	2021	Asian Journal of Water, environment and Pollution
216	Education & Humanities	Rashee Singh, Kiran Gupta	A Review of Academic Achievement in relation to study habit as influencing factor	Ms Mamta, Dr Rashee Singh, Dr Kiran Gupta	Vol 8 (VI), 2021	2021	NIU International of Human Rights
217	Education & Humanities	Babita Parashar	The Pandemic, Infodemic, and People's Resilience in India: Viewpoint	Shabbir Syed Abdul, Meghna Ramaswamy, Luis Fernandez-Luque, Oommen John, Thejkiran Pitti, Babita	2021 Dec 8;7(12):e31645	2021	JMIR Public Health and Sureveillance

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218	Law	Sanya Yadav	Bilateral Investment Treaties under International Investment Arbitration: A comparative Study between India, United states and Australia	Sanya Yadav	-	2021	International Journal of Research and Analytical Reviews
219	Law	Aditi Chaudhary and Versha Vahini	Role of United Nations in the Changing World : Focus on Climate Change and Refugees	Aditi Chaudhary and Dr. Versha Vahini	-	2021	Sardar Patel Institute of Economic and Social Research Anvesak A bi-annual Journal
220	Mathematics	Ramapati Maurya	A Note on q -MKZ Operators using Generating Functions	Honey Sharma, Ramapati Maurya	Vol. 17, No. 2 (2021), Page no. 177-187	2021	Journal of Classical Analysis
221	Mathematics	Deepa Arora	On Skew Strong McCoy Rings	Pratibha, Amit B.Singh and Deepa Arora	Vol.71(1), 2021, 1-7	2021	GANITA
222	Management & Commerce	Sachita Yadav	Ranking and Accreditation Systems: Challenges before Indian Higher Education	Ashish Gupta, Sanjay Srivastava, Sachita Yadav & Bishan Singh Nagi	Vol.12 No.8(2021), 3140-3152	2021	Turkish Journal of Computer and Mathematics Education
223	Management &	Sachita Yadav	People Centric Leadership as A Critical Factor in	Gauri Bhasin, Sachita Yadav, Sanjay	-	2021	Review of International Geographical

	Commerce		Enhancing the Absorptive Capacity of An Organization for Managing Business Transformation: Biographical Study from Indian HR Professionals	Srivastava & Ritika Kharbanda			Education Online
224	Management & Commerce	Rashee Banerjee	An Estimation of Service Quality, Customer Satisfaction and Behavioural Intentions in the Health Insurance Industry	Khusboo, Rashee Banerjee	Vol. 51, No.2(VI), 2021	2021	ANVESAK
225	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 (2021)	2021	International Journal of Disaster Recovery and Business Continuity
226	Management & Commerce	Sachita Yadav	Comparison of self concept of primary school teachers of government and private schools in haryana	Sunny Bansal , Dr. Sachita Yadav, Dr.Sanjay Shrivastava , Dr. Bishan Singh Nagi	Vol. 58, Issue-3, Page no. 3512-3524, 2021	2021	Psychology and Education
227	Management & Commerce	Priyanka Srivastava, Parul Jhajharia	Digitalization Impact on Customer Loyalty and Customer Satisfaction at Luxury Hotels in	Radhika Malhotra, Priyanka Srivastava, Parul Jhajharia,	Vol.20, Issue 5, Page no. 5121-5131	2021	Elementary Education Online

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228	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, Rinky Dwivedi	http://dx.doi.org/10.12785/ijcnds/130143	2021	International Journal of Computing and Digital System
229	CST	Nikita Taneja, Hardeo K Thakur	RNNCore: Lexicon Aided Recurrent Neural Network for Sentiment Analysis	Nikita Taneja, Hardeo K Thakur	https://dx.doi.org/10.12785/ijcnds/1201126	2021	International Journal of Computing and Digital Systems
230	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
231	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
232	Education & Humanities	Babita Parashar	Policies and Practices for Inclusion in India: A Viewpoint	Sudhakar Jha, Babita Parashar	Vol. 8, Issue- 29, January-March 2021	2021	Shodh Sarita
233	ECE	Niharika Thakur	Reliability analysis and power quality improvement model using	Niharika Thakur, YK Awasthi, AS Siddiqui	Vol. 12, pages 31-59 (2021)	2021	Energy Systems

			enthalpy based grey wolf optimizer				
234	CST	Hardeo Kumar Thakur	Revisiting Feature Ranking Methods using Information- Centric and Evolutionary Approaches: Survey	Rashmi Gandhi, Udayan Ghose, Hardeo Kumar Thakur	DOI: 10.2174/22 1032791166 6210204142 857	2021	International Journal of Sensors, Wireless Communicati ons and Control
235	CST	Alpana	Machine learning approach for automated legal text classification	Riya Sil, Alpana, Abhishek Roy	Volume 13 (2021) pp. 242-251	2021	International Journal of Computer Information Systems and Industrial Management Applications
236	Mechanical	Sujata Nayak	Impact of process variables on surface roughness in negative incremental forming process	Ajay Kumar, Vinay Singh, Sujata Nayak, Amit Kumar, Ankit Tyagi, Anita Sharma	DOI: 10.1016/j.m atpr.2021.0 6.324	2021	Materials Today: Proceedings
237	Law	Dr. Som Dutt Bhardwaj	E-Commerce and Smart Contract: Contingencies under Contract Law and Limitation of Autonomous Performance	Dr. Archana Sehrawat, Dr. Som Dutt Bhardwaj, Dr. Brijesh Kumar	Vol-11 Issue-04 No. 02 April 2021	2021	Dogo Rangsang Research Journal

238	Law	Nidhi	Community Service Sentence' as an alternate punishment in India-Analysis of the potential and feasibility	Nidhi	-	2021	Kala Sarovar
239	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, No. 6 (2021)	2021	Indian Journal of Engineering & Materials Sciences
240	Education & Humanities	Dr Geeta Thakur	The Prevalance and Impact of workplace bullying on Employees Psychological Health and wellbeing	Ms. Samiksha Singh, Dr. Sunil Rai, Dr. Geeta Thakur, Dr. Suchi Dubey, Dr. Anurag Singh, Dr. Ujjwal Das	-	2021	International Journal of Health Sciences
241	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
242	Law	Som Dutt Bhardwaj	Faculty Development Programmes and Its Effect Of Teaching	Som Dutt, Archana Sehrawat	Vol. 7, Issue 28, October-December,	2020	Shodh Sarita

			Learning Process : Study of Institutions For Legal Institutions In NCR		2020		
243	Chemistry	Megha Bansal	Determination of sun protection factor of vegetable and fruit extracts using UV-Visible spectroscopy: A green approach	Tanya Sharma, Vinika Tyagi, Megha Bansal	Vol.18, December 2020, 100347	2020	Sustainable Chemistry and Pharmacy
244	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
245	Mathematics	Kalpana Shukla	Higher order duality for a new class of nonconvex semi-infinite multiobjective fractional programming with support functions	Tadeusz Antczak & Kalpana Shukla	Vol. 10, Number 6, Page No.- 2806-2825	2020	Journal of Applied Analysis and Computation
246	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

247	CST	Mrinal Pandey	A Systematic Analysis for Energy Performance Predictions in Residential Buildings Using Ensemble Learning	Goyal, M., Pandey, M	Volume-46, Issue 4, Page No. 3155-3168	2020	Arabian Journal for Science & Engineering
248	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
249	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
250	Physics	Aditya Sharma	150 KeV Cu- ion-implantation in SrVO ₃ thin films: A study of Cu induced defect states	Himani Saraswat, Surekha Chaudhary, Mayora Varshney, Devarani Devi, Fouran Singh, SO Won, Hyun-	Volume 181, November 2020, page-109655	2020	Vacuum (Elsevier)

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251	CST	Prinima Gupta	Perception And Administering Regression Analysis On Earthquake Data For Finding An Appropriate Correlation: Case Study On Nepal Earthquake	Ms. Sumita mukherjee, Dr. Prinima Gupta, Prof. Felix Musau	Vol. 17, No. 9, November 2020	2020	PalArch's Journal of Archaeology of Egypt/ Egyptology
252	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	Environment al Technology and Innovation
253	Chemistry	Vinayak V. Pathak	Optimization of direct transesterificatio n 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
254	Management &Commerce	Parul Jhajharia,	Role of Organizational	Suneet Soni, Parul	Vol.-43, No.-04 (XIII)	2020	The South Asian Journal

		Manmeet Bali Nag	Culture in Driving Employee Engagement: An Empirical Study Of A Leading Two-Wheeler Indian Manufacturing Company	Jhajharia, Manmeet Bali Nag	October-December (2020)		of Evaluation in Practice
255	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
256	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
257	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)
258	Mechanical	Joginder Singh	Effect of Angular Orientation of Continuous Fibers on the Extensional	Joginder Singh, M.R.Tyagi	https://doi.org/10.1007/978-981-15-5519-	2020	Lecture notes in Mechanical Engineering

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259	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
260	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
261	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)
262	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
263	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
264	Physics	Jai Prakash Sharma &	Structural and electronic-	Surekha Chaudhary,	Volume 179,	2020	Vacuum

		Aditya Sharma	structure investigations of defect states in Cu-ion-implanted SnO ₂ thin films	Himani Saraswat, Devarani Devi, Pawan Kulriya, Fouran Singh, Sung-OkWon, Hyun-JoonShin, Jai Parkash Sharma, Aditya Sharma	September 2020, 109481		
265	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
266	ECE	Yogita Khanna	Ultra-Thin Wideband Polarization-Insensitive Metasurface Absorber for Aviation Technology	Yogita Khanna and Y. K. Awasthi	Vol. 49, pages 6410–6416	2020	Journal of Electronic Materials
267	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
268	Physics	Aditya Sharma	Probing defects and electronic	Jitender Kumar, Aditya	Vol. 180, (2020)	2020	Vacuum (Elsevier)

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269	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
270	Management & Commerce	Rajat Gera	Investigation of Artificial Intelligence Techniques in Finance and Marketing	Tiwari R., Srivastava S., Gera R.	Volume 173, 2020, Pages 149-157	2020	Procedia Computer Science
271	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
272	Chemistry	Megha Bansal	A review on development of Portland limestone cement: A step towards low carbon economy for Indian cement	Gupta S., Mohapatra B.N., Bansal M.	Volume 3, June 2020, 100019	2020	Current Research in Green and Sustainable Chemistry

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273	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
274	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
275	Education& Humanities	Rashee Singh	Ethical Dilemmas of a Teacher	Rashee Singh, Sheena Sabharwal	Vol.10, Issue 6, June 2020	2020	Pramana Research Journal
276	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
277	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
278	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

279	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
280	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
281	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
282	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
283	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
284	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
285	Law	Ajay Bhatia	Determinants of College Teachers'	Ajay Bhatia & Farhat	Vol 7, Issue	2020	Journal of Critical

			happiness- A Comprehensive Review	Mohsin	9, 2020		Reviews
286	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
287	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
288	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
289	Physics	Haider Abbas	Capacity of C ₄ H ₈ Ti ₄ Cluster for Adsorption of CO ₂ and CO:A Computational Study	Chahal, A., Abbas, H.	26, Article number: 126, May 2020	2020	Journal of Molecular Modeling
290	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
291	Management & Commerce	Priyanka Srivastava	Impact of artificial intelligence in	Teena Hassija, Priyanka	Vol. 29 No. 9s (2020) Page no.-	2020	International Journal of Advanced

			customer satisfaction for banking industry's	Srivastava	1947-1962		Science and Technology
292	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
293	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)
294	Mathematics & CST	Ruchi Gupta & Hardeo K. Thakur	Future Population and Literacy Rate Projection in India	Ruchi Gupta, Hardeo Kumar Thakur, Chhavi Baliyan, Mansi Mangla	Vol.-83, Page No.10128-10138 May/June, 2020	2020	Test Engineering and Management
295	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
296	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
297	CST	M.Thurai	Design, analysis	V	https://link.	2020	Wireless

		Pandian	and characterization of four port multiple-input-multiple-output UWB-X band antenna with band rejection ability for wireless network applications	Dhasarathan, TK Nguyen, M Sharma, SK Patel, SK Mittal, MT Pandian	springer.com/article/10.1007/s11276-020-02343-x		Network
298	Physics	Sandeep Kumar	Effect of a tightly focused chirped Gaussian laser pulse on electron acceleration in helical undulator	Sandeep Kumar, D. N. Gupta, H. K. Malik, Devi Singh, Jaeyu Lee, and Moohyun Yoon	Volume-27, Issue 4, 043105	2020	Physics of Plasmas
299	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
300	Law	S.K. Bose	Rhetoric-The Art of Persuasion, legal professional Lawyes	S.K.Bose	Vol. 7, Issue 4, April 2020	2020	Journal of Emerging Technologies and Innovative Research
301	Physics	Aditya Sharma	Influence of high energy ion irradiation on structural, morphological and optical properties of high-k dielectric hafnium oxide	Rajesh Kumar, Vishnu Chauhan, N. Koratkar, Shalendra Kumar, Aditya Sharma, Keun-Hwa Chae, Sung Ok	Vol. 831 Page no.- 154698-154713	2020	Journal of Alloys and Compounds

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302	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
303	Mathematics	Y.K Sharma	Study of Stability and Solution of a system of Ordinary differential	Y.K Sharma, Sachin, Deepak Kumar	Volume-7, Issue-1 (XVIII), Page no. 320-323	2020	International Journal of Advance & Innovative Research
304	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
305	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
306	Law	Ashima Saxena	Environmental Accounting Practices in India	Ashima Saxena	Volume 9, Issue 2, February 2020	2020	International Journal of Science and Research
307	Law	S.K. Bose	Gender Sex Progressive	S.K.Bose	Vol.6, Number- 2,	2020	International Journal of

			Society and Justice		February-2020		Arts, Humanities and Management Studies (IJAHMS)
308	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)
309	Physics	Aditya Sharma & Jai Prakash	Nano-structured phases of gallium oxide (GaOOH , $\alpha\text{-Ga}_2\text{O}_3$, $\beta\text{-Ga}_2\text{O}_3$, $\gamma\text{-Ga}_2\text{O}_3$, $\delta\text{-Ga}_2\text{O}_3$, and $\epsilon\text{-Ga}_2\text{O}_3$): 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
310	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
311	CST	Susmita Ray	A Survey on Application of Machine Learning Algorithms in Cancer Prediction	Deepti, Susmita Ray	Volume 1174, 2021, Pages 349-361	2020	Advances in Intelligent Systems and Computing

			and Prognosis				
312	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
313	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
314	CST	Hardeo Kumar Thakur	Multi-class Instance incremental Framework for classification in fully Dynamic Graphs	Hardeo Kumar Thakur, Anand Gupta, Sreyashi Nag and Ritvik Shrivastava	Vol. 21, No. 1, Page no. 69-83	2020	International Journal of Computational Science and Engineering
315	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
316	Law	Som Dutt Bhardwaj	Big Data and Network Effect of Facebook: Critical Analysis of Indian and German Competition	Som Dutt Bhardwaj	Vol. 82, Page Number: 13165-13172, January-	2020	Test Engineering & Management

			Commission		February 2020		
317	Management & Commerce	Parul Jhajharia	Employee Satisfaction and Customer Delight Insights from Indian Hospitality Industry	Jaideep Singh, Bishan Nagi, Parul Jhajharia	Vol. 24, Issue 4, 2020	2020	International Journal of Psychosocial Rehabilitation
318	ECE	Lokesh Bhardwaj	Mitigating the Interference Caused by Pilot Contamination in Multi-cell Massive Multiple Input Multiple Output Systems Using Low Density Parity Check Codes in Uplink Scenario	Lokesh Bhardwaj, Ritesh Kumar Mishra	DOI: 10.18280/ts.370619	2020	Traitement du Signal
319	ECE	Lokesh Bhardwaj	Analysis of Selective-Decode and Forward Relaying Protocol Over kappa-mu Fading Channel Distribution	Shankar, R., Bhardwaj, L., Mishra, R.K.	https://doi.org/10.26636/jtit.2020.135919	2020	Journal of Telecommunications and Information Technology
320	Law	School of Law	Alternative Dispute Resolution in India: Emerging Perspectives	Mohini Sharma and Versha Vahini	Vol. 10, Issue -06, 2020	2020	Dogo Rangsang Research Journal
321	Law	School of Law	Interface of Women's Human Rights & Religion- a Transformation from Vedic Period	Chaitali Wadhwa	Vol. I, Issue-II, April 2020	2020	Lex Humanitaria e: Journal for a Change

			to Modern Society				
322	Law	School of Law	Legislation and Dangers in Road Usage	Akhtarul Hanif, Somduitt Bhardwaj and Versha Vahini	Vol. 11 No. 2, 2020	2020	Indian Journal of Law and Justice
323	Law	School of Law	Motor Vehicle (Amendment) Act 2019 v/s. Global Best Practices in Road Safety	Akhtarul Hanif, Somduitt Bhardwaj and Versha Vahini	Vol-10 Issue-06 No. 11, 2020	2020	Dogo Rangsang Research Journal
324	Management & Commerce	Priyanka Srivastava	Challenges and Motives Among Women Entrepreneurs of Faridabad Region: Empirical Evidence	Anuj Bansal, Dr. Priyanka Srivastava	Vol. 29 No. 3 (2020)	2020	International Journal of Advanced Science and Technology
325	Management & Commerce	Sachita Yadav	A Study on Perception of Academicians and Administrators towards Ranking and Accreditation System in India	Ashish Gupta, Sanjay Srivastava Sachita Yadav & Bishan Singh Nagi	-	2020	Administrative Development: A Journal of HIPA Shimla
326	ECE	K. Deepa, Shruti Vashist	Energy Efficient Adaptive Fuzzy based Multi-disjoint Routing Protocol in Wsn's for Smart Grids	K. Deepa, Shruti Vashist	Volume 13 (2020) - Issue 1 (January 2020)	2020	International Journal on Smart Sensing and Intelligent Systems
327	ECE	Manisha Hooda, Niharika Thakur	Profit based Unit Commitment Problem solving using Hybrid CUCKOO- GWO	Manisha Hooda, Y K Awasthi, Niharika Thakur, A S	1478 (2020) 012015	2020	Journal of Physics Conference Series

			Algorithm	Siddiqui			
328	ECE	Niharika Thakur	Congestion reduction under IPFC based Deregulated Electricity Market using AKH algorithm	Niharika Thakur, Y K Awasthi, A.S Siddiqui and Manisha Hooda	1478 (2020) 012027	2020	Journal of Physics: Conference Series
329	Education & Humanities	Babita Parashar	Assessment of Scholastic and Co-scholastic performance of Secondary School Students with special reference to vision NEP 2020	Parmod Kumar, Babita Parashar	Vol. 43, No. 04 (XXIV), 2020	2020	Sambodhi (UGC CARE)
330	Education & Humanities	Babita Parashar	Study on the Mental Health of the students with reference to global pandemic of Covid 19	Parmod Kumar, Babita Parashar	Vol 13, No. 4(IX), 2020	2020	Wesleyan Journal of Research
331	Chemistry	Megha Bansal	A review on the development of Portland limestone cement: A step towards low carbon economy for Indian cement industry	Sandeep Gupta, B.N.Mohapatra, Megha Bansal	DOI: 10.1016/j.cr gsc.2020.10 0019	2020	Current Research in Green and Sustainable Chemistry
332	Law	Ashima Saxena	Saving Preferences and Demographic variables of	Ashima Saxena, Bhavesh	Vol. 12, Issue-1, 2020	2020	Global Journal of Enterprise Information

			investors: A relationship study	Prakash Joshi			System
333	Law	Sakshi Bahuguna	COVID-19: Position of Vulnerable Groups in the Lockdown and the Idea of Welfare State	Sakshi Bahuguna & Aditya Anshu	-	2020	Nepal Institute for International Cooperation and Engagement
334	Management & Commerce	Sachita Yadav	A Study on the Initiatives Taken by Bankers for Promoting Financial Literacy in Bangalore, India	Sachita Yadav, Akash Rao, A. Venkateshwar a Reddy, Blessy S., zhuvaneshwar, Monisha Naidu	Vol. 8(1) 2020, Page no. 43-61	2020	International Journal of Banking, Risk and Insurance
335	Management & Commerce	Pooja Kapoor & Pragati Chauhan	Women Entrepreneurship Through Network Marketing: The Positive Insight	Pooja Kapoor & Pragati Chauhan	Vol. 11 No. 01 2020	2020	International Journal of Disaster Recovery and Business Continuity
336	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
337	Chemistry	Meena Kapahi	Bioremediation Options for Heavy Metal Pollution	Meena Kapahi, Dr. Sarita	7(15), 2017, 1-7	2019	Journal of Health and Pollution

				Sachdeva			
338	Law	Som Dutt Bhardwaj	Competition advocacy: an unused tool in India	Dr. Som Dutt Bhardwaj, Dr Archna Sehrawat	Volume 22, Issue 14, December 2019	2019	Journal of the Gujarat Research Society
339	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 monohy ate: For laser applications	Haider Abbas, Mohd. Shkir,S. AlFaify	Volume 12, Issue 8, December 2019, Pages 2336-2346	2019	Arabian Journal of Chemistry
340	Law	Versha Vahini	Corporate Social Responsibility: Privatization of welfare state	Versha Vahini	Vol. 8 Issue 2	2019	Vivekananda Journal of Research
341	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
342	CST	Manpreet Kaur	Text Summarisation Using Laplacian Centrality-Based Minimum Vertex	Anand Gupta and Manpreet Kaur	Volume-18, Issue-4, December 2019	2019	Journal of Information and Knowledge Management

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343	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
344	Management & Commerce	Rajat Gera	On comparing the performances of MLP and RBFN on sales forecasting problem	Tiwari R., Kumar R., Gera R., Srivastava S.	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091739050&doi=10.1007%2fs41870-019-00402-x&partnerID=40&md5=b1707d65b95921ba88aa56b359cc0c1	2019	International Journal of Information Technology
345	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
346	ECE	Yogita Khanna	Dual-Band Microwave Sensor for Investigation of Liquid Impurity	Khanna, Y., Awasthi, Y.K.	49, pages 385–394	2019	Journal of Electronic Materials

			Concentration Using a Metamaterial Complementary Split-Ring Resonator				
347	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
348	Physics	Aditya Sharma & Jai Prakash	Structural and electronic structure investigations on sonication based synthesized Graphene oxide and reduced-Graphene oxide nano-sheets	Aditya Sharma, Sitansu Sekhar Nanda, Jai Parkash, Anshuman Sahai, Shiv Kumar, Deepti Maikhuri, Dong Kee Yi, Hyun-Joon Shin, Keun-Hwa Chae and Sung Ok Won	Volume 94, Number 12	2019	Physica Scripta
349	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
350	Physics	Aditya	Copper-Halide Polymer	Min-Seok Kim Haedong Park	Volume 15, Issue 40,	2019	Small

		Sharma	Nanowires as Versatile Supports for Single-Atom Catalysts	Sung Ok Won Aditya Sharma Jimin Kong Hyun S. Park Yun-Mo Sung Tae Joon Park Myoung- Woon Moon Kahyun Hur	August 2019		
351	Mechanical	Joginder Singh, M.R. Tyagi	Design, Analysis and Manufacturing of Front Sprocket of a Bicycle using Carbon Fiber Reinforced Plastics	Singh, J., Tyagi, M.R., Singh, G., Sharma, R.D.	Vol. 1240, Issue-1, Art no.-12071	2019	Journal of Physics: Conference Series
352	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
353	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
354	ECE	Shruti Vashist	Evaluation of Non-Orthogonal Techniques for Advance Wireless	Dipa Nitin Kokane, Geeta Nijhawan and	8(2), Issue 2, July 2019	2019	International Journal of Recent Technology

			System	Shruti Vashist			and Engineering
355	Physics	Sandeep Kumar	Longitudinal phase space dynamics of witness bunch during the Trojan Horse injection for plasma-based particle accelerators	K. Moon, Sandeep Kumar, M. Hur, and M. Chung	Volume 26, Issue 7, id.073103, July 2019	2019	Physics of Plasma
356	ECE	Niharika Thakur	Adaptive whale optimization for intelligent multi-constraints 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
357	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)
358	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
359	Mathematics	Ruchi	An Alternative Method to	Ruchi Gupta, Mukesh Sahu,	Volume 8, Issue 4,	2019	International Journal of

		Gupta	Reduce Medicine Costs By Minimizing Transportation Overheads	Nikita Gulati, Komal, Diksha Jasrotia	April 2019		Engineering and Advanced Technology
360	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
361	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
362	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
363	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
364	CST	Manoj Kumar	Involvement of Computing to Improve Decision Making in Cricket	Jahangir Kamal, Manoj Kumar, Kailash Kumar, Aditya	Volume-7, Issue-6S5, April 2019	2019	International Journal of Recent Technology and

				Tandon, Phong Thanh Nguyen			Engineering
365	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
366	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
367	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
368	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
369	ECE	Meenakshi Gupta & Bhanu	Design an Operational Amplifier as a	Meenakshi Gupta, V.K.Sharma,	Volume 40, 2019 - Issue 2, March	2019	Journal of Information and

		Pratap Chaudhary	building block of Analog to Digital converter in 350 nm technology	Bhanu Pratap Chaudhary	2019 pp. 505-520		Optimization Sciences
370	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
371	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
372	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
373	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
374	Physics	Anshuman Sahai	Structural, optical and vibrational study of zinc	Surendra Singh, Anshuman	DOI: 10.2478/msp-2018-	2019	Materials Science-Poland

			copper ferrite nanocomposite prepared by exploding wire technique	Sahai, SC Katyal, Navendu Goswami	0084		
375	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
376	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 Interdiscipli nary Engineering pp 413-419	2019	Lecture Notes in Mechanical Engineering
377	ECE	Shruti Vashist	Design of E-shaped and Circular Array Antenna to Improve the Performance for WLAN and WiMax Network	Shruti Vashist, Geeta Nijhawan and Poonam Ghangas	Volume 11, pp. 52-59, January 2019	2019	Journal of Adv Research in Dynamical & Control Systems
378	Chemistry	Prem Kishore Patnala	Experimental and Kinetic studies on the combined influence of Ultrasonication and Rare Earths on removal of azo	Prem Kishore Patnala, Supriya Tilvi, Pankaj	54(10), 2019: 1632- 1649, January 2019	2019	Separation Science and Technology

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379	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
380	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
381	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
382	Chemistry	Vinayak V. Pathak	Fuel quality index of transesterified and nontransesterified oil samples of Mustard and Ricebran oil	R Kothari, S Ahmad, VV Pathak, AK Pandey, R Saidur	DOI: 10.1049/cp.2018.1333	2019	IET Digital Library
383	CST	Agha Imran Husain	Ground Water Quality Monitoring Using Wireless Sensors and Machine Learning	Agha Imran Husain, Aaditya Gupta, Cheshta Bansal	10.1109/ICA CE.2018.8687093	2019	Amity Journal of Computational Sciences (AJCS) - Amity University, Greater NOIDA

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384	Management & Commerce	Jaideep Singh	Employees Opinion on Transparency and Planning in Five Star Hotels	Jaideep Singh, Dr. Bishan Singh Nagi	Volume 6, Issue 6, 2019	2019	Journal of Emerging Technologies & Innovative Research
385	CST	Prinima Gupta	Collaborating Data Mining Modelling with Big Data Analytics for Disaster Prediction	Sumita Mukherjee, Prinima Gupta, Felix Musau	Volume-8 Issue-2, 2019	2019	International Journal of Recent Technology and Engineering (IJRTE)
386	CST	Prinima Gupta	Modelling through different data mining techniques illustrating relativity, interdependence and interconnection of Earthquake precursors worthy for Earthquake prediction	Sumita Mukherjee, Prinima Gupta, Felix Musau	Vol. 17, No. 11, 2019	2019	International Journal of Computer Science and Information Security
387	Mechanical	Pradeep Kumar Mouria	Frictions Stir Welding of Magnesium and Aluminium Alloys: A Review	Sahil Verm, Ayush Chaudhary, Isha Sharma, Pradeep Mouria		2019	IIOAB Journal
388	ECE	Vijay Kumar Gill	Methodology of Exoskeleton with Actuation	Ayush Goyal, Madan Mohan Dhir,	Vol. 12, Issue: 38, Pages:	2019	Indian Journal of Science and

			Methods and Discussion of Nerves Sensing for Exoskeleton	Vijay Kumar Gill and Mohit Verma	1-8, 2019		Technology
389	ECE	Shruti Vashist	A State-of-the-Art Study on Energy Harvesting Systems: Models and Issues	Rahul Yadav, Ayush Goel, Shruti Vashist and Mohit Verma	Vol. 12, Issue 41, Pages: 1-6, 2019	2019	Indian Journal of Science and Technology
390	CST	Gaganjot Kaur	Intelligent Automatic Traffic Challan on Highways and Payment Through FASTag Card	Abhishek Sontakke, Aman Diwakar and Gaganjot Kaur	Vol. 12, Issue 44, Pages: 1-6, 2019	2019	Indian Journal of Science and Technology
391	CST	Gaganjot Kaur	A Review Paper on Management of Big Data	Gaganjot Kaur, Kaustubh, Madhur Ahuja, Vikash Singh	Vol 4, No 1, 2019	2019	Journal of Data Mining and Management
392	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
393	Mechanical	Joginder Singh, M.R. Tyagi, Gianender Kajal &	Design and Manufacturing of a holding fixture to test the tensile strength of a flat	Joginder Singh, M R Tyagi, Ajit, Gianender and Rinki	Volume 13, Number 6 (2018) pp. 1-6	2018	International Journal of Applied Engineering Research

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394	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
395	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
396	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
397	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
398	CST	Gaganjot Kaur	Cryptography: Symmetric vs Asymmetric	Gaganjot Kaur; Anurag Rawal;	Vol.3, Issue-3, October 2018	2018	Journal of Embedded Systems and

			Encryption	Gaurav Chhikara; Hitesh Khanna			Processing
399	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
400	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
401	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
402	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
403	CST	Gunjan	Augmented	Pawan Gupta, Shivam	Vol 3, No 3,	2018	Journal of Software

		Chandwani	Reality	Kalia, Vaibhav Hooda, Gunjan Chandwani	August 2018		Engineering & Software Testing
404	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
405	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
406	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)
407	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
408	CST	Jyoti Pruthi	LB-ALSA: A Lexicon based Aspect level sentiment analysis model for product	Neha Nandal, Jyoti Purthi, Amit Chaudhary	Vol. 10-14, Special issue, November 2018	2018	Journal of Advanced Research in Dynamical and Control Systems

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409	ECE	Raman Tiwari	Market segmentation using supervised and unsupervised learning techniques for E-commerce applications	Tiwari, R., Saxena, M.K., Mehendiratta, P., Vatsa, K., Srivastava, S., Gera, R.	Vol. no.-35, Issue-5, Pg. no.-5353-5363	2018	Journal of Intelligent & Fuzzy Systems
410	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
411	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
412	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
413	Chemistry	Vinayak V Pathak	Optimization of nutrient stress using C. pyrenoidosa for lipid and	S Ahmad, VV Pathak, R Kothari, A Kumar, SBN Krishna	8(326), August 2018: 1-13	2018	3 Biotech

			biodiesel production in integration with remediation in dairy industry wastewater using response surface methodology				
414	Mathematics	Ankita Gaur	Ordered Power Product of Polynomials and Product Quasi Cyclic Code	Ankita Gaur	Vol. 43 Issue 1-4, July 2018, p 99-110	2018	Combinatorics , Information & System Sciences
415	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
416	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
417	Physics	Haider Abbas	Quantum chemical investigation on molecular structural, vibrational, photophysical and nonlinear optical properties of I-hreonium	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

			picrate: an admirable contender for nonlinear applications				
418	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
419	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
420	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 (IAHMS)
421	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
422	Mechanical	B.D. Pathak	Significant enhancement in thermoelectric performance of nanostructured	Muthiah, S., Singh, R.C., Pathak, B.D., Avasthi, P.K., Kumar, R.,	Vol. no. 10, Issue-4, Pg. no. 1970-1977	2018	Nanoscale

			higher manganese silicides synthesized employing a melt spinning technique	Kumar, A., Srivastava, A.K., Dhar, A.			
423	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
424	CST	Urmila Pilania	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)
425	CST	Gunjan Chandwani	Middleware Integration	Jagmohan Chopra, Rupal, Nilender, Gunjan Chandwani , Rupal Gupta, Nilender Nath, Gunjan Chandwani	vol 3, No 3 (2018) on Dec 2018.	2018	Recent Trends in Computer Science and Software Technology
426	Chemistry	Arpit Sand	Synthesis and Characterization of Superabsorbent Polymer based on Carboxymethyl Cellulose-graft-	Ko, So Yeon; Sand, Arpit; Shin, Nam Jae; Kwark, Young-Je	19(2), 2018: 255-262, February	2018	Fibers and Polymers

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427	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
428	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
429	CST	Jyoti Pruthi	The Evolution of Aspect Level Sentiment Analysis: A Survey	Neha Nandal, Jyoti Purthi, Amit Chaudhary	Vol. 6, Issue. 2	2018	Journal of Applied Science and Computations(JASC)
430	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
431	CST	Sachin Lakra	Architecture and Applications of an Adaptive Neuro-Fuzzy Inference System	Abhinav Sharma, Utkarsh Kaushik, Sachin Lakra	6(2), January 2018, 1-9.	2018	International Journal of Research Fellow for Engineering

432	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
433	CST	Parneeta Dhaliwal	A novel online ensemble approach to handle concept drifting data streams: Diversified Dynamic Weighted Majority	P.Sidhu, MPS Bhatia	9 (1), 37-61	2018	International Journal of Machine Learning and Cybernetics
434	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)
435	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
436	ECE	Yogendra Kumar Awasthi	Key shaped planar UWB monopole antenna with dual band-notch	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 Communicati

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437	Education& Humanities	Rashee Singh	Stress Management-An Overview	Rashee Singh, Sheena Sabharwal	Vol 56, No 25, June18-24, 2018	2018	University News,
438	Education& Humanities	Savita Sharma	Mindfulness a Coping Mechanism and a Life Skill in Contemporary Era: A Study of Perceptions Held by Teacher Educators	Savita Sharma	Issue-1,Vol-2, March 2018.	2018	Research Magma International Multidisciplinary Refereed Research Journal
439	Law	Aditya Dhawan	Economic Advantages of Demographic Dividend: The Case for India	Parul Nagar, Aditya Dhawan	Volume 8 Number 6, pages 1230-1241	2018	international journal of basic and applied research
440	Law	Seema Gupta	Voicing Dissent: A Functional Analysis	Seema Gupta	Vol. VI, Issue II , April 2018	2018	Upstream Research International Journal
441	Law	Seema Gupta	Dissent- A Persuasive Precedent	Seema Gupta	Vol. VI, Issue III, March 2018	2018	The Law
442	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

443	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
444	Mechanical	Joginder Singh & Rinki Yadav	Implementation of CATIA V5 in Modeling and Simulation of Workbench Vice	Joginder Singh and Rinki Yadav	Vol. 5, Issue 5, May 2018	2018	International Journal of Emerging Technologies in Engineering Research
445	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
446	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
447	Mechanical	Gianender Kajal	Process Parameter Selection for Optimizing the Mechanical Properties of Stainless Steel (SS	Rekha & Gianender	6(IV), 2018: 2684-2695	2018	International Journal for Research in Applied Science & Engineering

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448	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
449	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.
450	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
451	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
452	CST	Jyoti Pruthi,	Implementation of category-wise focused web	Pruthi, J., Monika	Volume-654, 565-	2018	Advances in Intelligent Systems and

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453	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
454	Mathematics	Ankur Kumar Aggarwal	An Innovation in Multi-Model Biometric Techniques	Ankur Kr Aggarwal, Himanshu Bansal	Vol. 4, Issue 3, 2018	2018	Journal of Optical Communication Electronics
455	Mathematics	Dinesh Tripathi	Inequality for Derivatives of Rational functions	D. Tripathi, S. Hans, A. A. Mogbademu and Babita Tyagi	Vol. 21(1), 157-169, 2018	2018	Journal of Interdisciplinary Mathematics
456	Mathematics	Ankita Gaur	Ordered Power Product of Polynomials and Product Quasi Cyclic Codes	Ankita Gaur	Vol. 43, Issue. 1-4, 2018	2018	Journal of Combinatorics, Information & System Sciences
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460	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
461	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
462	Physics	Jai Prakash	Structural, dielectric and magnetic studies of multiferroics Bi _{1-x} Sr _x FeO ₃ (x =	Jaiparkash, Chauhan, R.S., Kumar, R., Kumar, P., Kumar, A.	Vol.72, Pg. no.-5-9	2017	Solid State Sciences

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463	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
464	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
465	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
466	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	<u>Vol. 2017, No. 9, pp. 512 – 526, Sept. 2017</u>	2017	IET The Journal of Engineering
467	ECE	Y.K Awasthi	Compact UWB antenna with high rejection triple band-notch characteristics for	Manish Sharma, Yogen a Kumar Awasthi,	Vol. 97, No. 3, pp. 4129–4143, Dec.2017	2017	Wireless Personal Communications

			wireless applications	Himanshu Singh, Raj Kumar, Sarita Kumari			(Springer)
468	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)
469	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
470	Education&H umanities	Babita Parashar	Resstructuring Pre Service Teacher Education in India: Some Lessons in India	Babita Parashar	Vol 55 No. 18	2017	University News
471	Education&H umanities	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
472	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
473	Mechanical	J. P. Sharma &	Prediction of Mechanical and	R.Yadav, J.P. SHARMA,	6(8), August,	2017	International Journal of

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474	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
475	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
476	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
477	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
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479	Mechanical	Gianender Kajal & Ajit Katiyar	Effect of Dielectric fluids used on EDM Performance: A Review	K.Singh, Gianender,A. Kumar & Ajit	5(10), 2017: 10-16	2017	International Journal of Emerging Technologies in Engineering Research
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481	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
482	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
483	Physics	Haider Abbas	Key functions analysis of a novel nonlinear optical D-İ€-A bridge type (2E)-	Patil, P.S., Shkir, M., Maidur, S.R., AlFaify, S., Arora, M.,	Volume 72, October 2017, Pages 427–435	2017	Optical Materials

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484	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
485	Education & Humanities	Babita Parashar	Restructuring Pre Service Teacher Education in India: Some Lessons in India	Babita Parashar	Vol.55, Issue 18, 2017	2017	University News
486	Mechanical	Meena Kapahi	Mycoremediation potential of Pleurotus species for heavy metals: a review	Meena Kapahi, Sarita Sachdeva	Vol. 4, Article no. 32	2017	Bioresources and Bioprocessing
487	Chemistry	Arpit Sand	Modification of Guar Gum through Grafting of Acrylamide with Potassium Bromate/Thiourea Redox Initiating System	Sand Arpit; Kwark, Young-Je	Vol. 18, Pages 675-681, 2017	2017	Fibers and Polymers

488	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 Shkir, S Alfaify, M Arora, V Ganesh, Haider Abbas, I S Yahia	Vol. 17, Issue-1, 2017	2017	Journal of Computational Electronics
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