

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	Mrinal Pandey	Ensemble-based data modeling for the prediction of energy consumption in HVAC plants	Goyal M., Pandey M.	7, pages 49–64 (2021)	2021	Journal of Reliable Intelligent Environments
2.	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	Journal of Defense Modeling and Simulation
3.	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
4.	Law	S.K Bose	An Insight into Free Speech, Dissent, Right to Protest, Strikes and Lockouts	Single author	Vol 4, Issue 1 Pages 83-91 Jan 2021	2021	International journal of Mechanical Engg. & Technology
5.	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(IJTRS)

6.	Chemistry	S.K. Shukla	Surface Assimilation and Corrosion Inhibition Characteristics of WaterSoluble Polyvinyl Alcohol on Mild Steel Surface in 0.5 M HCl Solution	Abhishek Dwivedi, Prem Kumar Bharti, Sudhish Kumar Shukla	Vol. 8 Issue 1 January 2021	2021	Journal of the Turkish Chemical Society, Section A: Chemistry
7.	Mathematics	Kamlesh Kumar	Numerical with Convergence for Generalized Fractional Integro-Differential Equations	Rajesh Kumar Pandey, and Farheen Sultana	388, (2021) ,113318	2021	Journal of Computational and Applied Mathematics,
8.	Physics	Haider Abbas	Reactivity between medium-sized silicon cluster and NO ₂ : first principles study	Ankur Chahal and Haider Abbas	(2021) 27:88	2021	Journal of Molecular Modeling
9.	Management	Manmeet Bali Nag	Flexible Work arrangements: A tool of strategic Human Resource Management and Competitive advantage	Jayanti Sahay, Sanjay Srivastava, Manmeet Bali Nag	Vol. 44-No.01 (XIV), January – March 2021	2021	Sambodhi Journal (UGC Care)
10.	Physics	Shiv Kumar & 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	27, (2021)	2021	Journal of Molecular modeling
11.	DMC	Pragati Chauhan & Pooja Kapoor	Women Entrepreneurship through Network Marketing: The Positive Insight	Khanna, Pooja, Chauhan Pragati	Vol. 11 No. 01 (2020), pp. 688-696	2020	International Journal of Disaster Recovery and Business Continuity

12.	CST	Mamta Arora	Data Driven Prognosis of Cervical Cancer Using ClassBalancing and Machine Learning Techniques	Arora M., Dhawan S., Singh K.	http://dx.doi.org/10.4108/eai.13-7-2018.164264	2020	EAI Endorsed Transactions on Energy Web
13.	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
14.	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
15.	CST	Mrinal Pandey	A Systematic Analysis for Energy Performance Predictions in Residential Buildings Using Ensemble Learning	Goyal M., Pandey M.	46, Pages 3155–3168	2020	Arabian Journal for Science and Engineering
16.	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 (IJMET)

17.	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-Joon Shin, Aditya Sharma	Vol. 181, November 2020, page- 109655	2020	Vacuum (Elsevier)
18.	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)
19.	Mathematics	Ruchi Gupta	Differences of Operators of Generalized Szász Type	Arun Kajla, Ruchi Gupta	July 6 (2020), no. 2, 141-154	2020	Khayyam Journal of Mathematics
20.	Mathematics	Dinesh Tripathi	A Refinement of an Inequality Due to Ankeny and Rivlin	Dinesh Tripathi	Vol.65 (3), 325-332	2020	Studia Universitatis Babeş-Bolyai Mathematica, Romania
21.	Law	Som Dutt	Faculty Development Programmes and its effect of Teaching Learning Process: Study of Institutions for legal Institutions in NCR	Dr Som Dutt, Dr Archana Sehrawat	Vol. 7, Issue 28, October-December, 2020	2020	Shodh Sarita

22.	Law	Ashima Saxena	Does Aging impacts on Financial Behavior & Investment Decisions	Single author	Vol. 12, Issue 3, Pg no 8-13	2020	Global Journal of Enterprises Information System
23.	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
24.	Mathematics	Advin Masih	Radical Screen transversal slant lightlike Submanifolds of indefinite Kaehler manifolds	Mamta Thakur, Advin & S.M.K Haider	34(6),2020, 2037-2046	2020	Filomat
25.	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, 07 pp. 2953-2960, June 2020	2020	Journal of Advanced Research and Control Systems
26.	Physics	Haider Abbas	Computational Study of Small Vanadium and Chromium Oxide Clusters: Effect of Hydrogenation	Ankur Chahal and Haider Abbas	IOP Conf. Series: Materials Science and Engineering 1017 (2021) 012036	2020	IOP Conf. Series: Materials Science and Engineering
27.	Management	Manmeet Bali Nag	Role of organizational culture in driving employee engagement: an empirical study of a leading two-wheeler Indian Manufacturing company	Suneet Soni, Parul Jhajharia, Manmeet Bali Nag	Vol-43, No.-04 (XIII) October-December (2020)	2020	Sambodhi Journal (UGC Care)

28.	Mechanical	Joginder Singh	Effect of Angular Orientation of Continuous Fibers on the Extensional Properties of Carbon Fiber Composites	Joginder Singh, M.R.Tyagi	Springer Nature Singapore Pte Ltd. Lecture Notes in Mechanical Engineering, https://doi.org/10.1007/978-981-15-5519-0_1	2020	Lecture notes in Mechanical Engineering
29.	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 Engg. & Technology
30.	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	Cambridge University Press, Vol. 38, Issue 3 September 2020 , pp. 181-187	2020	Laser and Particle beams
31.	ECE	K. Deepa & Shruti Vashist	Energy-efficient density-based Fuzzy C-means clustering in WSN for smart grids	K. Deepa, Zah eeruddin, Shruti Vashist	Vol. 38, Issue 3, September 2020, pp. 181-187	2020	Australian Journal of Multi-Disciplinary Engineering,
32.	Physics	Aditya Sharma	Switchable cool and cold white emission from dysprosium doped SrZnO ₂	Megha Jain, Pargam Vashishtha, Govind Gupta, Aditya Sharma, Sung Ok Won, Ankush Vij, Anup Thakur	Vol. 33, Number 3, October, 2020	2020	Journal of Physics: Condensed Matter
33.	Physics	Aditya Sharma	Probing defects and electronic structure of Eu doped t-Mg ₂ B ₂ O ₅ nanocrystals using X-ray absorption near edge spectroscopy and luminescence techniques	Jitender Kumar, Aditya Sharma, Sung Ok Won, Ravi Kumar, Keun Hwa Chae, Shalendra	Vol. 180, (2020) page-, 109602	2020	Vacuum (Elsevier)

				Kumar, Ankush Vij			
34.	Mathematics	Kalpana Shukla	Higher order duality for a new class of nonconvex semi-infinite multiobjective fractional programming with support function	Tadeusz Antczak & Kalpana Shukla	Vol. 10, No.-6	2020	Journal of applied analysis and computation
35.	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, pages31–59(2021)	2020	Energy Systems
36.	Chemistry	Priti Gupta	Effect of Polyvinyl alcohol on the physicochemical properties of soil and soil amino acid interaction	Jamal Ahmad Khan, Shagufta jabin, Priti Gupta	Vol. 10 , Issue 1, Pages 32 - 37	2020	Eurasian Journal of Soil Science
37.	Chemistry	Vinayak V Pathak	Assessment of Indian bioenergy policy for sustainable environment and its impact for rural India: Strategic implementation and challenges	Kothari R., Vashishtha A., Singh H.M., Pathak V.V., Tyagi V.V., Yadav B.C., Ashokkumar V., Singh D.P.	Vol. no.-20, Art No.101078	2020	Environmental Technology and Innovation
38.	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.	Vol. no.-17, Issue-1, Pg. no.377-397	2020	Webology
39.	Chemistry	Yogita Khanna	Ultra-Thin Wideband Polarization-Insensitive Metasurface Absorber for	Khanna Y., Awasthi Y.K.	Vol. no.-17, Issue-1, Pg. no.377-397	2020	Journal of Electronic Materials

			Aviation Technology				
40.	Chemistry	Vinayak V Pathak	Optimization of direct transesterification of Chlorella pyrenoidosa catalyzed by waste egg shell based heterogenous nano – CaO catalyst	Ahmad S., Chaudhary S., Pathak V.V., Kothari R., Tyagi V.V.	Vol. 160, Page no. 86-97	2020	Renewable Energy
41.	CST	Shailja Gupta, Sachin Lakra	Sentiment Analysis: A Framework for Text Mining	Shailja Gupta, Sachin Lakra	83, pp.13117-13129, 2020	2020	Test Engineering and Management
42.	CST	Riya Sapra, Parneeta Dhaliwal	Missing Chain: A Novel Blockchain System for Missing or Found Cases	Riya Sapra, Parneeta Dhaliwal	83, May-June 2020, pp.12670-12677, 2020	2020	Test Engineering and Management
43.	Law	S.K. Bose	European and Indian Legal Education-A Comparative Study	SK Bose (single author)	Vol. 6, No.5, 2020	2020	International Journal of Humanities & Management Studies
44.	Law	Dr SK Bose	The Intersectionality of Literature Law Culture and Society	SK Bose (single author)	Vol. 6, Issue-11 November, 2020	2020	International Journal of Arts, Humanities & Management Studeis
45.	Law	S.K. Bose	Law & Federalism- In the Grip of Politics	SK Bose (single author)	Vol. 2, Issue-2, June 2020	2020	White & Black Legal International Journal
46.	Education and Humanities	Rashee Singh	Ethical Dilemmas of a Teacher	Rashee Singh, Sheena Sabharwal	Vol. 10, Issue 6, June 2020	2020	Pramana Research Journal
47.	Law	Ajay Bhatia	Determinants of College Teachers' happiness- A Comprehensive Review	Ajay Bhatia & Farhat Mohsin	Vol. 7, Issue 9, 2020	2020	Journal of Critical Reviews

48.	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
49.	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
50.	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	26:126, 2020	2020	Journal of Molecular Modelling
51.	Mathematics	L. Govindarao	A fourth-order numerical scheme for singularly perturbed delay parabolic problem arising in population dynamics	L. Govindarao	63, pages 171–195	2020	Journal of Applied Mathematics and Computing
52.	Mathematics	Ruchi Gupta	A new extension of Kannan contractions and related fixed point results	Rakesh Batra, Ruchi Gupta & Priyanka Sahni	Vol.28(2), May 2020	2020	The Journal of Analysis,
53.	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
54.	ECE	Niharika Thakur	Advanced hybrid intelligent model and algorithm for de-regulated electricity market	Hooda, M., Awasthi, Y., Thakur, N. and Siddiqui, A.	36-46, 27 Apr 2020	2020	Australian Journal of Electrical and Electronics Engineering

55.	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
56.	Law	Som Dutt Bhardwaj	Big Data and Network Effect of Facebook: Critical Analysis of Indian and German Competition Commission	Som Dutt Bhardwaj	Jan-Feb 2020/ 24 Feb. 2020	2020	Test Engineering & Management
57.	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. Sengottuvan, G. Gopu, C. Selvaraju	Vol. 207, 111854	2020	Journal of Photochemistry and Photobiology B: Biology
58.	Chemistry	Pradeep K. Varshney	Current trends and future perspectives in the recycling of spent lead acid batteries in India	Pradeep K. Varshney	Vol. 26, Part 2, 2020, Pages 592-602	2020	Materials Today Proceedings
59.	CST	M.Thurai Pandian	Design, analysis and characterization of four port multiple-input-multiple-output UWB-X band antenna with band rejection ability for wireless network applications	V Dhasarathan, TK Nguyen, M Sharma, SK Patel, SK Mittal, MT Pandian	https://link.springer.com/article/10.1007/s11276-020-02343-x	2020	Wireless Network

60.	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	Vol. 27, Issue 4	2020	Physics of Plasmas
61.	Law	Ashima Saxena	Environmental Accounting Practices in India	Ashima Saxena	Vol. 9, Issue 2, February 2020	2020	International Journal of Science and Research
62.	Physics	Sandeep Kumar	Equations: Linear Algebra	Hitendra K. Malik, Rashmi Srivastava, Sandeep Kumar & Devi Singh	Vol. 14, NO. 1, 417–422, 2020	2020	Advance and Innovative Research
63.	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
64.	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	Materials Science & Engineering Technology
65.	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
66.	Law	S.K. Bose	Gender Sex Progressive Society and Justice	S.K.Bose	Vol.6, Number 2, 2/1/2020	2020	International Journal of Arts, Humanities and Management Studies

67.	Managem nt	Priyanka Srivastava	Impact of artificial intelligence in customer satisfaction for banking industrys	Teena Hassija, Dr. Priyanka Srivastava	Vol. 29 No. 9s (2020)	2020	International Journal of Advanced Science and Technology
68.	PHYSICS	Aditya Sharma	Influence of high energy ion irradiation on structural, morphological and optical properties of high-k dielectric hafnium oxide (HfO ₂) thin films grown by atomic layer deposition	Rajesh Kumar, Vishnu Chauhan, N. Koratkhar, Shalendra Kumar, Aditya Sharma, Keun-Hwa Chae, Sung Ok Won	Vol. 831 page- 154698-154713	2020	Journal of Alloys and Compounds
69.	CST	Jyoti Pruthi	Machine learning based aspect level sentiment analysis for Amazon products	Neha Nandal, Jyoti Pruthi	28, pages 601– 607(2020)	2020	Spatial Information Research
70.	Managem nt	Rajat Gera	Mobile app usage and adoption: A literature review	Gera, R., Chadha, P., Ahuja, V.	https://doi.org/10.1504/IJEB.2020.106546	2020	International Journal of Electronic Business
71.	CST	Hardeo Kumar Thakur	Multi-class Instance incremental Framework for classification in fully Dynamic Graphs	Hardeo Kumar Thakur	Vol. 21, No. 1, pp. 69-83	2020	International Journal of Computational Science and Engineering
72.	Physics	Aditya Sharma	Nano-structured phases of gallium oxide (GaOOH, α - Ga ₂ O ₃ , β -Ga ₂ O ₃ , γ -Ga ₂ O ₃ , δ - Ga ₂ O ₃ , and ϵ - Ga ₂ O ₃): fabrication, structural, and electronic structure investigations	Aditya Sharma	10 Pages, 1-9, year 2020,	2020	International Nano Letters

73.	Law	S.K. Bose	Nationalism, Global Politics and International Relations	S.K.Bose	Vol. 6, Number 2, 2/1/2020	2020	International Journal of Arts, Humanities and Management studies
74.	Law	S.K. Bose	Rhetoric-The Art of Persuasion, leagel professional Lawyes	S.K.Bose	Vol. 7, Issue 4, April 2020	2020	Journal of Emerging Technologies and Innovative Research
75.	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	23:2,413-423, May 2020	2020	Journal of Interdisciplinary Mathematics
76.	Mathematics	Y. K Sharma	Study of Stability and Solution of a system of Ordinary differential	Y.K Sharma, Sachin, Deepak Kumar	Vol.7, Issue-1(XVIII), Page no. 320-323	2020	International Journal of Advance & Innovative Research
77.	Chemistry, Mathematics	Arpit Sand, Aparna Vyas	Superabsorbent polymer based on guar gum-graft-acrylamide: synthesis and characterization	Arpit Sand, Aparna Vyas	Vol. 27, 2020	2020	Journal of polymer research, Springer
78.	Education & Humanities	Chhavi Kulshreshta	Walt Whitman: The shaping of his la mente	Chhavi Kulshreshta	Vol. 7, Issue 2, May 2020	2020	International Journal of Research and Analytical Reviews
79.	Physics	Sandeep Kumar	Small amplitude dust acoustic solitary wave in magnetized two ion temperature plasma	Hitendra K. Malik, Rashmi Srivastava, Sandeep Kumar & Devi Singh	Vol. 14, NO. 1, 417-422, 2020	2020	Journal of Taibah university for Science

80.	Management	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&oi=10.1007%2f41870-019-00402-x&partnerID=40&md5=bd1707d65b95921ba88aa56b359cc0c1	2019	International Journal of Information Technology
81.	Mechanical	Piyush Mahendru	A Comprehensive Review on LiBr–H ₂ O Based Solar-Powered Vapour Absorption Refrigeration System	Somesh, S., Shaw, S.K., Mahen u, P.	Advances in Interdisciplinary Engineering pp 343-352	2019	Lecture Notes in Mechanical Engineering
82.	CST	Suraj Makkar	A Face Detection Using Support Vector Machine: Challenging Issues, Recent Trend, Solutions and Proposed Framework	Makkar, S., Sharma, L.	Issue 1046, Pg. no. 3-12	2019	Communications in Computer and Information Science
83.	Mathematics	L. Govindarao	A Robust Numerical Approach for Singularly Perturbed Third Order Boundary Value Problem on Layer Adapted Meshes	SR Sahu, J Mohapatra, L Govindrao	5, Article number: 84 (2019)	2019	International Journal of Applied and Computational Mathematics
84.	Mathematics	L. Govindarao	A second order numerical method for singularly perturbed delay parabolic partial differential equation	L. Govindarao and J. Mohapatra	Vol. 36 No. 2, pp. 420-444.	2019	Engineering Computations
85.	Law	Ashima Saxena	A Study on Job Satisfaction of	Ashima Saxena	Vol. 8, Issue 2 April-June 2019	2019	International Journal of

			Employees in Education Industry				Scientific Research and Reviews
86.	Mechanical	Gianender Kajal	A Systematic Review: Effect of TIG and A-TIG Welding on Austenitic Stainless Steel	Himanshu Garg, Gianender Kajal	pp: 375-385, April 2019	2019	Lecture Notes in Mechanical Engineering
87.	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
88.	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
89.	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
90.	Mathematics	Ruchi Gupta	An Alternative Method to Reduce Medicine Costs By Minimizing Transportation Overheads	Ruchi Gupta, Mukesh Sahu, Nikita, Komal	Vol.8, Issue 4, April 2019	2019	International Journal of Engineering and Advanced Technology
91.	CST	Jyoti Pruthi	An improved approach for aspect level	Nandal, N., Pruthi, J., Choudhury,	Vol. 28 No. 13 (2019)	2019	International Journal of Advanced Science

			sentiment analysis using bipolar words extraction	A.			and Technology
92.	CST	Prinima Gupta & Urmila Pilania	An Improvised Method for Detecting Face as ROI in Video	Urmila Pilania, Prinima Gupta	Vol.-8, Issue-1, May 2019, pp. 341-344, May 2019	2019	International Journal of Recent Technology and Engineering
93.	CST	Aarti Sangwan	An Organ Criticality and Session Preserved iM-SIMPLE Protocol to Optimize WBAN for Different Application Areas	Aarti Sangwan	Vol 129, PP. 11-28, 2019	2019	International Journal of Advanced Science and Technology
94.	CST	Jyoti Pruthi	Aspect Based Sentiment Analysis Approaches with Mining of Reviews: A Comparative Study	Neha Nandal, Jyoti Purthi, Amit Chaudhary	Vol.-7, Issue-6, March 2019	2019	International Journal of Recent Technology and Engineering
95.	Chemistry	Meena Kapahi	Bioremediation Options for Heavy Metal Pollution	Meena Kapahi, Dr. Sarita Sachdeva	7(15), 2017, 1-7	2019	Journal of Health and Pollution (published by Pure Earth (formerly Blacksmith Institute))
96.	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
97.	Mechanical	Joginder Singh, M.R. Tyagi	Comparative study of sheet metal and carbon fibre reinforced composites ceiling fan blade	Garg, H., Singh, J., Tyagi, M.R., Singh, K., Aditya, K., Gupta, H.	Advances in Interdisciplinary Engineering pp 413-419	2019	Lecture Notes in Mechanical Engineering
98.	Law	Som Dutt Bhardwaj	Competition advocacy: an unused tool in	Dr. Som Dutt Bhardwaj,	Vol. 22, Issue-14, December-2019	2019	Journal of the Gujarat Research Society

			India	Dr Archna Sehrawat			
99.	Management	Sachita Yadav	Contemporary Financial Risk Management Strategies for Emerging Startups in India	Sachita Yadav & Akash	Vol. 6, Issue 1, pg. 61-67, March 2019	2019	International Journal of Advance & Innovative Research
100.	Chemistry	Harsha Devnani	Copper/cuprous Oxide Nanoparticles Decorated Reduced Graphene Oxide Sheets-Based Platform for Bio-electrochemical Sensing of Dopamine	H. Devnani, N. Rashid and P. P. Ingole	2019, 4:633-643	2019	ChemistrySelect
101.	Physics	Aditya Sharma	Copper-Halide Polymer Nanowires as Versatile Supports for Single-Atom Catalysts	Min-Seok Kim Haedong Park Sung Ok Won Aditya Sharma Jimin Kong Hyun S. Park Yun-Mo Sung Tae Joon Park Myoung-Woon Moon Kahyun Hur	Vol.-15, Issue-40 October 1, 2019	2019	Small
102.	Law	Versha Vahini	Corporate Social Responsibility: Privatization of welfare state	Versha Vahini	Vol. 8 Issue 2	2019	Vivekananda Journal of Research
103.	ECE	Yogendra Kumar Awasthi	CPW-fed triple high rejection notched UWB and X-band antenna on silicon for imaging and	Sharma, M., Awasthi, Y.K., Singh, H.	Vol. 106, Issue-7, Page no. 945-959	2019	International Journal of Electronics

			wireless Applications				
104.	CST	Gaganjot Kaur	Cryptography Algorithm	Gaganjot Kaur; Anurag Rawal; Gaurav Chhikara; Hitesh Khanna	Vol. 4 pp. 31-38, April 2019	2019	Journal of Analog and Digital Communications
105.	CST	Bharti	Data Mining : Techniques and Applications	Anupama Chauhan, Riya Chauhan, Bharti	Vol. 1 No. 4 301-305, February 2019	2019	International Journal Of Innovative Research
106.	Physics	Haider Abbas	Density functional study of spectroscopy, electronic structure, linear and nonlinear optical properties of L-proline lithium chloride and L-proline lithium bromide monohydrate: For laser applications	Haider Abbas a, Mohd. Shkir b,* S. AlFaify	Vol. 12 Issue 8, December 2019, Pages 2336-2346	2019	Arabian Journal of Chemistry
107.	ECE	Meenakshi Gupta & Bhanu Pratap Chaudhary	Design an Operational Amplifier as a building block of Analog to Digital converter in 350 nm technology	Meenakshi Gupta, V.K.Sharma, Bhanu Pratap Chaudhary	Vol. 40, 2019 - Issue 2, March 2019 issue, pp. 505-520	2019	Journal of information and Optimization Sciences (Taylor & Francis)
108.	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	Vol. 11, pp. 52-59, January 2019	2019	Journal of Adv Research in Dynamical & Control Systems,
109.	Mechanical	Joginder Singh, M.R. Tyagi	Design, Analysis and Manufacturing of Front Sprocket	Singh, J., Tyagi, M.R.,	Vol. 1240, Issue-1, Art no.-12071	2019	Journal of Physics: Conference Series

			of a Bicycle using Carbon Fiber Reinforced Plastics	Singh, G., Sharma, R.D.			
110.	ECE	Yogita Khanna, Yogendra Kumar Awasthi	Dual-Band Microwave Sensor for Investigation of Liquid Impurity Concentration Using a Metamaterial Complementary Split-Ring Resonator	Khanna, Y., Awasthi, Y.K.	49, pages385–394	2019	Journal of Electronic Materials
111.	Chemistry	Pradeep K. Varshney	Effect of Plasticizers on the Conductivity of Carboxymethyl Cellulose based Solid Polymer Electrolytes	Shikha Gupta; Pradeep K. Varshney	Vol. 76, Issue 12, pp 6169–6178, February 2019	2019	Polymer Bulletin, Springer
112.	Physics	Shiv Kumar Dixit	Effect of Thermal Stress on Power Conversion Efficiency of PCDTBT:PC71BM Organic Solar Cells: Proceedings of IWPSD 2017	Dixit, S.K., Bhatnagar, C., Singh, J., Bhatnagar, P.K., Peta, K.R.	pp.375-382, Jan 2019	2019	Springer Proceedings in Physics
113.	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
114.	CST	Manpreet Kaur	Entailment and Spectral Clustering based Single and Multiple Document Summarization	Gupta Anand, Kaur Manpreet Kaur, Bajaj Ahsaas, Khanna Ansh	Vol. 4, pp.39-51, April 2019	2019	International Journal of Intelligent Systems and Applications
115.	Management	Sachita Yadav	Environmental Friendly Green Technology used	Sachita Yadav & Supriya	Vol. 6, Issue 1, 63571, March 2019	2019	International Journal of Advance &

			by Construction Industries in Bangalore				Innovative Research
116.	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	Vol. 9, 8521, 2019	2019	Scientific Reports (Nature)
117.	Chemistry	A. Jayamani	Ethylene oligomerization reactions catalyzed by homogeneous and silica immobilized N [^] O Fe(II) and Co(II) complexes	A. Jayamani, G.S. Nyamoto, S.O. Ojwach	10/2019; 903: 120987	2019	Journal of Organometallic Chemistry
118.	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	Jour of Adv Research in Dynamical & Control Systems,
119.	ECE	Shruti Vashist	Evaluation of Non-Orthogonal Techniques for Advance Wireless System	Dipa Kokane, Ge eta Nijhawan and Shruti Vashist	8(2), Issue 2, July 2019	2019	International Journal of Recent Technology and Engineering (IJRTE)
120.	Mechanical	Joginder Singh	Evaluation Of Tensile Properties Of Hot Rolled Carbon Steel Using Finite Element Analysis	Joginder Singh, M. R. Tyagi, Abdul Ahad, Abhinav Chawla, Dinesh Kashyap, Vinay Prabhakar	pp 395-403, April 2019	2019	Advances in Engineering Design
121.	Chemistry	Prem Kishore Patnala	Experimental and Kinetic studies on the combined influence of Ultrasonication	Prem Kishore Patnala, Supriya Tilvi,	54(10), 2019: 1632-1649, January 2019	2019	Separation Science and Technology

			and Rare Earths on removal of azo dyes	Pankaj			
122.	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
123.	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	Vol. 10, Issue 8, pp 2237–2247, August 2019	2019	Waste and Biomass Valorization
124.	CST	Agha Imran Husain	Ground Water Quality Monitoring Using Wireless Sensors and Machine Learning	Agha Imran Husain, Aaditya Gupta, Cheshta Bansal	DOI: 10.1109/ICACE.2018.8687093 Publisher: IEEE	2019	Amity Journal of Computational Sciences (AJCS) - Amity University, Greater NOIDA (INDIA)
125.	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)
126.	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	Vol. 1154, 15 April 2019, Pages 26-30	2019	Computational and Theoretical Chemistry
127.	CST	Manoj Kumar	Involvement of Computing to	Jahangir Kamal,	Vol.-7, Issue-6S5, May 2019	2019	International Journal of Recent

			Improve Decision Making in Cricket	Manoj Kumar, Kailash Kumar, Aditya Tandon, Phong Thanh Nguyen			Technology and Engineering(TM)
128.	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	Vol. 26, Issue 7, id.073103, July 2019	2019	Physics of Plasma
129.	Chemistry	Pradeep K. Varshney	Non-enzymatic glucose sensor of high sensitivity fabricated with direct deposition of Au particles on polyvinylferrocene film modified Pt electrode	Shveta Malhotra, Yijun Tang, Pradeep K. Varshney	Vol. 73, Issue 8, pp 1987–1996, August 2019	2019	Chemical Papers
130.	Mathematics	L. Govindarao	Numerical analysis and simulation of delay parabolic partial differential equation involving a small parameter	L. Govindarao and J. Mohapatra	37(1), 289-312, (2019)	2019	Engineering Computations
131.	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
132.	Mathematics	Dinesh Tripathi	On Location of the Zeros of Polynomial (Lacunary Type)	D. Tripathi, H.G. Hyun, S. Hans	24(3), 555-564	2019	Journal-Non-Linear Functional Analysis and Application
133.	Education	Akhilesh Kumar Dwivedi	Partition and Violence: Shifting Intercommunal	Akhilesh Kumar Dwivedi	Vol. 10, Issue 6	2019	The Criterion: An International Journal in English

			Relations in Chaman Nahal's Azadi				8.2
134.	CST	Pinki Sagar, Prinima Gupta, Indu Kashyap	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
135.	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	12(9), March 2019: 1-7	2019	Indian Journal of Science and Technology
136.	Mathematics	Y.K Sharma	Prevalence of Diabetes Mellitus in two Vicinal Nations	Richa Gupta, Deepak Kumar, Bhawna Mehta, Y K Sharma	Vol.-9-Issue-2, November 2019	2019	International Journal of Innovative Technology and Exploring Engineering (IJITEE)
137.	CST	Bharti	Review on Sentiment Analysis of Twitter Data with some Classifiers Ensembles	Smridhhi Chawla, Anchal Garg, Priya, Bharti Jha	Vol. 4, No 1(2019)	2019	Journal of An oid and IOS Applications and Testing
138.	CST	Narender	Role of Swarm Intelligence based Algorithms and their applications in Software Reliability Optimization	Narender, Sona Malhotra	Vol. 8, Issue 2	2019	International Journal of Recent Technology and Engineering(IJRT E 2019)
139.	Physics	Aditya Sharma & Jai Prakash	Structural and electronic structure investigations on sonication based	Aditya Sharma, Jai Parkash, Shiv	Vol. 94, Number 12	2019	Physica Scripta

			synthesized Graphene oxide and reduced-Graphene oxide nano-sheets	Kumar, K.H. Chae, S.O. Won,			
140.	Physics	Anshuman Sahai	Structural, optical and vibrational study of zinc copper ferrite nanocomposite prepared by exploding wire technique	Surendra Singh, Anshuman Sahai, SC Katyal, Navendu Goswami	DOI: 10.2478/msp-2018-0084	2019	Materials Science-Poland
141.	CST	Manpreet Kaur	Text Summarisation Using Laplacian Centrality-Based Minimum Vertex Cover	Anand Gupta and Manpreet Kaur	Vol.-18, Issue-4, December 2019	2019	Journal of Information and Knowledge Management
142.	Education	Malini	The Narratives of Patriarchal Resistance: Ismat Chughtai's Short Stories	Malini	Vol. 8, Issue 31, Pages 640-643	2019	Pramana (International Refereed)
143.	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	Vol. 21 Issue 14, December 2019	2019	Think India Journal
144.	Mathematics	L. Govindarao	Uniformly convergent numerical method for singularly perturbed time delay parabolic problem with two small parameters	L. Govindarao, S. R. Sahu and J. Mohapatra	43, pages 2373–2383(2019)	2019	Iranian Journal of Science and Technology, Transactions A: Science
145.	Mathematics	L. Govindarao	Uniformly Convergent Numerical Method for Singularly Perturbed Two Parameter Time Delay Parabolic	L Govindarao, J Mohapatra, SR Sahu	5, Article number: 91 (2019)	2019	International Journal of Applied and Computational Mathematics

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146.	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
147.	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
148.	ECE	Shruti Vashist	A PSO Based Antenna Array Optimization For Wimax And WLAN Application	Poonam Ghangas and Shruti Vashist	07-Special Issue, 2018, Pages: 1636-1644	2018	Journal of Advanced Research in Dynamical and Control Systems
149.	CST	Gaganjot Kaur	A Review Study on Security and its Challenges in Cloud Computing	Gaganjot Kaur, Kaustubh, Madhur and Vikash	Vol. 3, No 3, October 2018	2018	Journal of Computer Based Parallel Programming
150.	Law	Ashima Saxena	A Study on Customer Satisfaction towards Online banking services	Ashima Saxena	Vol. 3, Issue no. 1, Dec 2018	2018	International Journal of Trend in Scientific Research and Development
151.	Chemistry	Pradeep K. Varshney	Amperometric enzyme-free glucose sensor based on electrodeposition of Au particles on Polyaniline film modified Pt electrode	Shveta Malhotra, Yijun Tang, Pradeep K. Varshney	65(3):687-697 · September 2018	2018	Acta Chimica Slovenica
152.	Mathematics	Ramapati Maurya	Approximation Properties of Kantorovich Type Modifications of (p; q)-Meyer-König-Zeller Operators	Honey Sharma, Ramapati Maurya, Cheena Gupta	1 (2018), No. 1, pp. 58-72, September	2018	Constructive Mathematical Analysis (CMA)
153.	CST	Gunjan Chandwani	Augmented Reality	Pawan Gupta, Shivam	Vol. 3, No 3, August 2018	2018	Journal of Software Engineering &

				Kalia, Vaibhav Hooda, Gunjan Chandwani			Software Testing
154.	CST	Manoj Kumar	CamLens – an innovative an oid 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	Vol. 4, Issue 3, October 2018	2018	Journal of Optical Communication Electronics
155.	Chemistry	Harsha Devnani	CeO2/g-C3N4 Nanocomposite: A Perspective for Electrochemical Sensing of Anti-Depressant Drug	S. Ansari, M. S. Ansari, H. Devnani, S. P. Satsangee and R. Jain	2018, 273, 1226-1236	2018	Sensors and Actuators B: Chemical
156.	CST	Neha Nandal, Jyoti Pruthi and Amit Choudhar y	Challenges in the field of aspect level sentiment analysis	Nandal, N., Pruthi, J., Choudhary, A.	Vol.876, Pg. no. 56-62	2018	Communications in Computer and Information Science
157.	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. no. 10, Issue-9, Pg. no. 1291-1306	2018	Metallomics
158.	Chemistry	Pradeep K. Varshney	Conductivity and structural studies of PVA based mixed-ion composite polymer electrolytes	Sandeep Srivastava and Pradeep K. Varshney	7(2), 2018: 887-890, July	2018	International Journal of Engineering & Technology
159.	Chemistry	A. Jayamani	Copper(II) complexes of bidentate mixed ligands as artificial	A. Jayamani, R. Bellam, S.O.	12/2018; 156:138-149	2018	Polyhedron

			nucleases: Synthesis, crystal structure, characterization and evaluation of biological properties	Ojwach, G. Gopu, N. Sengottuvelan			
160.	CST	Gaganjot Kaur	Cryptography: Symmetric vs Asymmetric Encryption	Gaganjot Kaur;Anurag Rawal; Gaurav Chhikara; Hitesh Khanna	Vo. 3, Issue 3, October 2018	2018	Journal of Embedded Systems and Processing
161.	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
162.	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
163.	CST	Aarti Sangwan	Delay Tolerant Energy Efficient protocol for InterBAN Communication in Mobile Body Area Networks	Aarti Sangwan, Partha Pratim Bhattacharya	Vol. 8, no. 3, pp. 938-948	2018	International Journal on Advanced Science, Engineering and Information Technology (IJASEIT)
164.	Mechanical	Joginder Singh, M.R. Tyagi, Gianender Kajor & Rinki Yadav	Design and Manufacturing of a holding fixture to test the tensile strength of a flat specimen	Joginder Singh, M R Tyagi, Ajit, Gianender and Rinki Yadav	13(6), 2018: 1-6	2018	International Journal of Applied Engineering Research
165.	CST	Gunjan Chandwani	Designing of the CASE Tool to develop Star Scheme using the	Anita Dagar, Gunjan chandwani	Vol. 104 – No.2, October 2014	2018	International Journal of Computer Applications

			XML Schema consisting of Clinical Data				
166.	Physics	Aditya Sharma	Electronic structure and dielectric properties of ZrO ₂ -CeO ₂ mixed oxides	Aditya Sharma, Mayora Varshney, K.H. Chae, S.O. Won,	119 (2018) 242-250. (I.F. 2.05)	2018	Journal of Physics and Chemistry of Solids,
167.	Physics	Aditya Sharma	Electronic structure and luminescence assets in white-light emitting Ca ₂ V ₂ O ₇ , Sr ₂ V ₂ O ₇ and Ba ₂ V ₂ O ₇ pyrovanadates: X-ray absorption spectroscopy investigations	Aditya Sharma, Mayora Varshney, K.H. Chae, S.O. Won,	8, 2018, 26423. (I.F. 2.91)	2018	RSC Advances
168.	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	pp: 1-11, July 2018	2018	Waste and Biomass Valorization
169.	Chemistry	Harsha Devnani	Fermi Level Equilibration of Ag and Au Plasmonic Metal Nanoparticles supported on Graphene Oxide	A. N. Singh, H. Devnani, S. Jha and P. P. Ingole	2018,20, 26719-26733	2018	Physical Chemistry Chemical Physics
170.	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	https://doi.org/10.1049/cp.2018.1333	2018	IET Digital Library
171.	Mathematics	Dinesh Tripathi	Generalization of An Inequality for the Polar	D. Tripathi, S. Hans, Babita	23(2), 2018, 311-321	2018	Journal-Non-Linear Functional Analysis and

			Derivative of Polynomials	Tyagi			Application
172.	Mathematics	Dinesh Tripathi	Inequality for Derivatives of Rational functions	D. Tripathi, S. Hans, A. A. Mogbademu and Babita Tyagi	21(1), July 2018, 157-169	2018	Journal of Interdisciplinary Mathematics
173.	Chemistry	A. Jayamani	In-situ nickel(II) complexes of 3-(dimethylamino)-1-propylamine based Schiff base ligands: Structural, electrochemical, biomolecular interaction and antimicrobial properties	A. Jayamani, S. Nagasubramanian, V. Thamilarasan, S.O. Ojwach, G. Gopu, N. Sengottuvelan	10/2018; 482: 791-799	2018	Inorganica Chimica Acta
174.	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	Vol. 13, Number 17, pp. 13272-13281, September 2018	2018	International Journal of Applied Engineering Research
175.	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
176.	CST	Jyoti Pruthi	LB-ALSA: A Lexicon based Aspect level sentiment analysis model for product reviews	Neha Nandal, Jyoti Purthi, Amit Chaudhary	Vol. 10-14 Special issue, November 2018	2018	Journal of Advanced Research in Dynamical and Control Systems
177.	ECE	Raman Tiwari	Market segmentation using supervised and unsupervised	Tiwari, R., Saxena, M.K., Mehendirat	Vol. no.-35, Issue-5, Pg. no.-5353-5363	2018	Journal of Intelligent & Fuzzy Systems

			learning techniques for E-commerce applications	ta, P., Vatsa, K., Srivastava, S., Gera, R.			
178.	Physics	Aditya Sharma	Mechanistic investigations on emission characteristics from g-C3N4, g-C3N4@Pt and g-C3N4@Ag nanostructures using X-ray absorption spectroscopy	Aditya Sharma, Mayora Varshney, K.H. Chae, S.O. Won,	2018, (18), 1458–1464(I.F. 2.14)	2018	Current Applied Physics
179.	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
180.	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
181.	Chemistry	Pradeep K. Varshney	Non-enzymatic glucose sensor based on electrodeposition of platinum particles on polyaniline modified Pt electrode	Shveta Malhotra, Yijun Tang and Pradeep K. Varshney	10 (6), 2018: 699-715, August	2018	Analytical & Bioanalytical Electrochemistry
182.	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
183.	Chemistry	Vinayak V Pathak	Optimization of nutrient stress using C. pyrenoidosa for	S Ahmad, VV Pathak, R Kothari, A Kumar,	8(326), August 2018: 1-13	2018	3 Biotech

			lipid and biodiesel production in integration with remediation in dairy industry wastewater using response surface methodology	SBN Krishna			
184.	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
185.	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
186.	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
187.	Physics	Haider Abbas	Quantum chemical investigation on molecular structural, vibrational, photophysical and nonlinear optical properties of I-hreoninium picrate: an admirable contender for nonlinear applications	S. AlFaify, Mohd. Shkir1 · M. Arora, Ahmad Irfan, H. Algarni, Haider Abbas, Abdullah G. Al-Sehemi	Vol 17, August 2018, 1421–1433	2018	Journal of Computational Electronics
188.	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
189.	Education	Malini	Representation of	Malini	Vol. 8, Issue 31,	2018	Chintan

			Woman's Body in Indian Cinema: The Paradox of Objectification and Desexualisation of Female Body		pages 94-98		(International Refereed Research Journal)
190.	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
191.	Law	Aditya Dhawan	Role of Unity of Teaching and Research for Improving Quality of Education	Aditya Dhawan	Vol. 4, No. 8, Aug. 2018	2018	International Journal of Arts, Humanities and Management Studies (IJAHMS)
192.	CST	Hardeo Kumar Thakur	Rumor Detection on Twitter Using a Supervised Machine Learning Framework	Hardeo Kumar Thakur, Anand Gupta, Ayushi Bhardwaj and Devanshi Verma	Vol. 8 Issue 3, July 2018 , Pages 1-13	2018	International Journal of Information Retrieval Research
193.	CST	Urmila Pilania	Scrutinizing Security	Urmila Pilania, Tridev Nath Tripathi, Rajeev Singh	Vol. 8, Issue XI, November 2018 451-453	2018	International Journal of Management, Technology And Engineering
194.	Mechanical	B.D. Pathak	Significant enhancement in thermoelectric performance of nanostructured higher manganese silicides synthesized employing a melt spinning technique	Muthiah, S., Singh, R.C., Pathak, B.D., Avasthi, P.K., Kumar, R., Kumar, A., Srivastava, A.K., Dhar, A.	Vol. no. 10, Issue-4, Pg. no. 1970-1977	2018	Nanoscale
195.	Education	Malini	Stephen Chbosky's The	Malini	Vol. 7, Issue 29, pages 96-100	2018	Pramana (International

			Perks of Being a Wallflower :Why and Why Not to Create a Controversy on Literature				Refereed)
196.	CST	ANUP SINGH KUSHWAHA	Study of Various Scheduling Algorithm in Cloud Environment	Anup Singh Kushwaha, Vinayak Kumar, Akash Sharma	Vol.. 7 , Issue. 8, August 2018	2018	International Journal of Engineering Research & Technology
197.	CST	Urmila Pilania	Women Safety Device based on Internet of things (IOT)	URMILA PILANIA, Aishwarya Nair, Sakshi Arora, Viren der Kadian	Vol. 6 Issue X, August 2018	2018	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
198.	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
199.	Chemistry	Arpit Sand	Synthesis and Characterization of Superabsorbent Polymer based on Carboxymethyl Cellulose-graft-Itaconic Acid	Ko, So Yeon; Sand, Arpit; Shin, Nam Jae; Kwark, Young-Je	19(2), 2018: 255-262, February	2018	Fibers and Polymers
200.	Chemistry	A. Jayamani	Investigation on biomolecular interactions of nickel(II) complexes with monoanionic bidentate ligands	A. Jayamani, M. Sethupathi, S.O. Ojwach, N. Sengottuve	01/2018; 1151:6-16	2018	Journal of Molecular Structure

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201.	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
202.	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
203.	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(JA SC)
204.	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
205.	CST	Aarti Sangwan	Revised EECBSR for energy efficient and reliable routing in WBAN	Aarti Sangwan, Partha Pratim Bhattacharya	Vol. 7, no. 2, pp. 33-40	2018	Majlesi Journal of Telecommunication Devices
206.	CST	Aarti Sangwan	A Hybrid Cryptography and Authentication based security model for clustered WBAN	Aarti Sangwan, Partha Pratim Bhattacharya	vol. 13, no.1, pp. 34-54, March	2018	Journal of Mechanics of Continua & Mathematical Sciences
207.	CST	Aarti Sangwan	Performance measurement of attempt, simple	Aarti Sangwan, Partha	Vol. 7, pp. 70-79	2018	International Journal of Electronics,

			and im-simple over scalable networks	Pratim Bhattacharya			Electrical and Computational System
208.	CST	Aarti Sangwan	Reliable Energy Efficient Multi-hop Routing Protocol for Heterogeneous Body Area Networks	Aarti Sangwan, Partha Pratim Bhattacharya	Vol. 8, no. 1, pp. 47-56	2018	International Journal of Sensors, Wireless Communications and Control
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212.	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
213.	CST	Anup Singh Kushwaha	A Review: on current trends in image fusion	anup singh kushwaha, arpita goel, shivangi agarwal	Vol.-5, ISSUE-5, Page-40-44, 2018	2018	International Journal of Current Engineering And Scientific Research (IJCESR)
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227.	Management	Sachita Yadav	Spot and Futures Market in India: Co-integration	Sachita Yadav	Vol.: 8, Issue: 3	2018	Asian Journal of Research in Banking and Finance
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232.	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
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236.	Physics	Haider Abbas	A first principles study of key electronic, optical,	Mohd. Shkir1 · S. AlFaify1 ·	Vol. 17, Issue 1, pp 9–20, March 2018	2018	Journal of Computational Electronics, March

			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	M. Arora ² · V. Ganesh ¹ · Haider Abbas ³ · I. S. Yahia ¹			2018, Volume 17, Issue 1, pp 9–20.
237.	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
238.	Physics	Sandeep Kumar	Isolated terawatt attosecond hard X-ray pulse generated from single current spike	C.H. Shim, Sandeep Kumar, Y.W. Parc, In Soo Ko, and D.E. Kim	vol.8, 7463 (May 2018)	2018	Scientific Reports (Nature)
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243.	CST	Jyoti Pruthi, Monika	Implementation of category-wise focused web crawler	Pruthi, J., Monika	Vol.-654, 565-574	2018	Advances in Intelligent Systems and Computing
244.	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
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256.	Chemistry	Pradeep K. Varshney	A structural study of mixed ion PVA based composite polymer electrolyte using X-ray diffraction studies	Sandeep Srivastava and Pradeep K. Varshney	12(11), 2017: 2926-2928, November	2017	International Journal of Applied Engineering Research
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318.	Mechanical	Ajay Kumar Agarwal	Literature Review on Optimization of Surface Roughness during Turning Operation	Jitender Sharma, Ajay Kumar Agarwal	6(2), 2017: 2417-2424, February	2017	International Journal of Innovative Research in Science, Engineering and Technology
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321.	Mechanical	Dain Thomas	Modelling Of Process Parameters in Coated Wire Electric Discharge Machining Through Response Surface Methodology	Thomas, D., Kumar, R., Singh, G.K., Sinha, P., Mishra, S.	Vol.2, Pg. no. 1642-1648	2017	Materials Today: Proceedings
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		Sharma	Indian region during 2006-2013 using COSMIC measurements	Bardhan and D. K. Sharma			
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327.	Physics	Jaiparkash	Structural, dielectric and magnetic studies of multiferroics $\text{Bi}_{1-x}\text{Sr}_x\text{FeO}_3$ ($x = 0.1, 0.2, 0.3, 0.4, \text{ and } 0.5$)	Jaiparkash, R.S Chauhan, Ravi Kumar, Pawan Kumar and Anil Kumar	Vol. 72, 2017, 5-9	2017	Solid State Sciences
328.	Physics	Ananna Bardhan & D. K. Sharma	Ion density and temperature variations at altitude of 500 km during moderate seismic activity	A Bardhan, MS Khurana, BM Bahal, M Aggarwal, D. K. Sharma	Vol. 59, Issue-4, Pg. no. 1023-1032	2017	Advances in space Research
329.	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
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336.	Physics	Aditya Sharma	Synergistic activating effect of promoter and oxidant in single step conversion of methane into methanol over a tailored polymer-Ag coordination complex	<i>R. Shavi, V. Hiremath, Aditya Sharma, Sung Ok Won and J. G. Seo</i>	Vol. 7, (2017) 24168–24176. (I.F. 3.1)	2017	RSC Adv.,
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351.	CST	Hanu Bhardwaj	Eliciting and structuring business indicators in data warehouse requirements engineering	Hanu Bhardwaj, Naveen Prakash	Vol. 33, No. 4, pg 405-413	2016	Journal of Expert Systems
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353.	CST	Urmila Pilonia	Testing Comparative Study between Equivalence Class Partitioning and	Yashika Sharma, Urmila Pilonia Neha	Vol. 2, Issue 10	2016	International Journal of Innovative Research in Technology

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