

S.No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Publication Year	eISSN	Link to the recognition in UGC enlistment of the Journal
1	A Novel Anti-jamming technique for Cognitive radio Network	Poonam, Ravi Kant and Chander Kumar Nagpal	Computer Engineering	International Journal Of Grid And Distributing Computing (IJGDC)	Jul-2016	2005-4262	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/pp2_Jonerall_131.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/pp2_Jonerall_131.jpg</a>
2	Methane production, oxidation and mitigation A mechanistic understanding and comprehensive evolution of influencing factors	Sandeep K Malyan, Arti Bhatia, Amit Kumar, Dipak Kumar Gupta, Renu Singh, Smita S Kumar, Ritu Tomar, Om Kumar, N. Jain	Environmental Sciences	Science of the Total Environment	Jul-2016	0048-9697	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/stoten_Jonerall_5845.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/stoten_Jonerall_5845.jpg</a>
3	The nonclassicality and decoherence of a superposition state generated in a resonant cavity	P K Das, Prasanta Haldar and Arpita Chatterjee	Mathematics	Int. J. Theo. Phys.	Jul-2016	0020-7748	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/reprint_paper_12-1-1_Jonerall_3561.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/reprint_paper_12-1-1_Jonerall_3561.pdf</a>
4	A low-cost, sulfurization free approach to control optical and electronic properties of Cu <sub>2</sub> ZnSnS <sub>4</sub> via precursor variation	S Gupta, TJ Whittles, Y Batra, V Satsangi, S Krishnamurthy, VR Dhanak, B. R. Mehta	Physics	Solar Energy Materials and Solar Cells	Aug-2016	0927-0248	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/solmat_Jonerall_5847.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/solmat_Jonerall_5847.pdf</a>
5	Amide Functionalized Graphene Oxide Thin Films for Hydrogen Sulfide Gas Sensing Applications	Rani, Sumita; Kumar, Mukesh; Garg, Ravish; Sharma, Sumit; Kumar, Dinesh	Physics	IEEE SENSORS JOURNAL	Aug-16	1558-1748	10.1109/JSEN.2016.2524204
6	Analysis of various cryptography techniques A survey	Neha Tayal, Ritesh Bansal, Shailender Gupta	Electronics Engineering	International Journal of security and its Applications	Aug-2016	1738-9976	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/p9_Jonerall_200.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/p9_Jonerall_200.jpg</a>
7	BFOA-scaled fractional order fuzzy PID controller applied to AGC of multi-area multi-source electric power generating systems	Y. Arya and N. Kumar	Electrical Engineering	Swarm and Evolutionary Computation	Aug-2016	2210-6502	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/13_Jonerall_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/13_Jonerall_8079.pdf</a>
8	Effect of Ce doping on the structural, optical and magnetic properties of ZnO nanoparticles	Sharma, Dharendra Kumar; Sharma, Kapil Kumar; Kumar, Vipin; Sharma, Anuradha	Physics	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	Aug-16	1573-482X	10.1007/s10854-016-5117-x
9	Microstructural Evaluation of NiTi-powder, Steatite, and Steel Balls After Different Milling Conditions	Sharma, Neeraj; Raj, Tilak; Jangra, Kamal Kumar	Mechanical Engineering	MATERIALS AND MANUFACTURING PROCESSES	Aug-16	1532-2475	10.1080/10426914.2015.1004710
10	Modeling and analysis of FMS performance variables by ISM, SEM and GTMA approach	Jain, Vineet; Raj, Tilak	Mechanical Engineering	INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS	Aug-16	1873-7579	10.1016/j.ijpe.2015.10.024

11	Multi-objective thermodynamic optimization of an irreversible regenerative Brayton cycle using evolutionary algorithm and decision making	Kumar, Rajesh; Kaushik, S. C.; Kumar, Raj; Hans, Ranjana	Mechanical Engineering	AIN SHAMS ENGINEERING JOURNAL	Aug-16	2090-4495	10.1016/j.asej.2015.06.007
12	Multi-objective thermo-economic optimization of solar parabolic dish Stirling heat engine with regenerative losses using NSGA-II and decision making	Arora, Rajesh; Kaushik, S. C.; Kumar, Raj; Arora, Ranjana	Mechanical Engineering	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	Aug-16	1879-3517	10.1016/j.ijepes.2015.07.010
13	Precise estimation of individual leaf camber and stepping in symmetrical 65Si7 leaf springs	Arora, Vinkel Kumar; Bhushan, Gian; Aggarwal, M. L.	Mechanical Engineering	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	Aug-16	1806-3691	10.1007/s40430-015-0396-3
14	Soft computing based multi-objective optimization of Brayton cycle power plant with isothermal heat addition using evolutionary algorithm and decision making	Arora, Rajesh; Kaushik, S. C.; Kumar, Raj; Arora, Ranjana	Mechanical Engineering	APPLIED SOFT COMPUTING	Aug-16	1872-9681	10.1016/j.asoc.2016.05.001
15	Structural and electrical characterization of CoNiO monolayer as copper diffusion barrier in integrated circuits	Sharma, S.; Kumar, M.; Rani, S.; Kumar, D.; Tripathi, C. C.	Physics	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	Aug-16	1873-4081	10.1016/j.mssp.2016.02.022
16	Comparison of Noise Removal Techniques Using Bilateral Filter	Manjeet Kaur, Shailender Gupta	Electronics Engineering	International Journal of Signal Processing, Image Processing and Pattern Recognition	Sep-2016	2005-4254	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/9-2016_Jonerall_204.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/9-2016_Jonerall_204.jpg</a>
17	Efficient Materialized View Selection for Multi-Dimensional Data Cube Models	Naveen Dahiya and Vishal Bhatnagar	Computer Application	International Journal of Information Retrieval and Research, IGI Publications	Sep-2016	2155-6377	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/Paper11_Jonerall_126.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/Paper11_Jonerall_126.jpg</a>
18	Analyzing and modelling the performance index of ultrasonic vibration assisted EDM using graph theory and matrix approach	Sanjay Kumar, RS Walia	Mechanical Engineering	International Journal for Interactive Design and Manufacturing	Oct-2016	1955-2505	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/IJpaper_Jonerall_101.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/IJpaper_Jonerall_101.jpg</a>

19	Anticorrosive and electromagnetic shielding response of graphene/TiO <sub>2</sub> -epoxy nanocomposite with enhanced mechanical properties	Arun Kumar, Ramkishor Anant, Kaushal Kumar	Physics	RSC Advances	Nov-2016	2046-2069	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/9-9_Jonerat_3591.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/9-9_Jonerat_3591.jpg</a>
20	Investigation of crystal structure, dielectric and magnetic properties in La and Nd co-doped BiFeO <sub>3</sub> multiferroics	Ompal Singh, Ashish Agarwal, Sujata Sanghi, Amitabh Das, and Anju	Physics	Journal of Magnetism and Magnetic Materials	Nov-2016	0304-8853	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/Publication_2_Jonerat_3594.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/Publication_2_Jonerat_3594.pdf</a>
21	Benzenesulfonamide bearing imidazothiadiazole and thiazolotriazolescaffolds as potent tumor associated human carbonic anhydrase IX and XII inhibitors	Rajiv Kumar, Silvia Bua, Sita Ram, Sonia Del Prete, Clemente Capasso, Claudiu T. Supuran, Pawan K. Sharma	Chemistry	Bioorganic and Medicinal Chemistry	Dec-2016	0968-0896	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/6_Jonerat_250.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/6_Jonerat_250.pdf</a>
22	Integrated MCDM for Benchmarking Techniques in Indian Service Industries	Bhupender Singh , Vikram Singh	Mechanical Engineering	International Journal of Innovation and Technology Management	Dec-2016	1793-6950	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/MCDM_paper_Jonerat_101.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/MCDM_paper_Jonerat_101.jpg</a>
23	Structural transitions and multiferrocity in Ba and Co substituted nanosized bismuth ferrite	Anju , Ashish Agarwal, Praveen Aghamkar , Vijender Singh, Ompal Singh, Ajay Kumar	Physics	Journal of Alloys and Compounds	Dec-2016	0925-8388	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/Publication_1_Jonerat_3594.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/Publication_1_Jonerat_3594.pdf</a>
24	A survey of image encryption algorithms	Manju Kumari, Shailender Gupta, Pranshu Sardana	Electronics Engineering	3D Research	Jan-2017	2092-6731	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/12-2017_Jonerat_204.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/12-2017_Jonerat_204.jpg</a>
25	Availability analysis and performance optimization of a butter oil production system a case study	Anil, Sanjeev Kumar, Vikram Singh	Mechanical Engineering	International Journal of Industrial and Systems Engineering published by Springer	Jan-2017	0975-6809	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/PAPER_6_Jonerat_364.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/PAPER_6_Jonerat_364.pdf</a>
26	Effect of cathode environment on bioelectricity generation using a novel consortium in anode side of a microbial fuel cell	Smita S Kumar, Suddhasatwa Basu, and Narsi R Bishnoi	Environmental Sciences	Biochemical Engineering Journal	Jan-2017	1369-703X	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/bej_Jonerat_5845.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/bej_Jonerat_5845.jpg</a>
27	Enhancement of fatigue life of multi-leaf spring by parameter optimization using RSM	Arora, Vinkel Kumar; Bhushan, Gian; Aggarwal, M. L.	Mechanical Engineering	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	Jan-17	1806-3691	10.1007/s40430-016-0638-z
28	Ion density variation at upper ionosphere during thunderstorm	Mangla, Bindu; Sharma, D. K.; Rajput, Anupama	Chemistry	ADVANCES IN SPACE RESEARCH	Jan-17	1879-1948	10.1016/j.asr.2016.11.039

29	Modelling the quality enabled factors of facility layout design stage of production system life cycle	Rajesh Attri	Mechanical Engineering	International Journal of System Assurance Engineering and Management	Jan-2017	0975-6809	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/ESCI paper_Joneral_101.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/ESCI paper_Joneral_101.jpg</a>
30	Optimal control strategy-based AGC of electrical power systems a comparative performance analysis	Y. Arya and N. Kumar	Electrical Engineering	Optimal Control Applications and Methods	Jan-2017	1099-1514	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/17_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/17_Joneral_8079.pdf</a>
31	Preparation, characterization, and bio-efficacy evaluation of controlled release carbendazim-loaded polymeric nanoparticles	Sandhya; Kumar, Sandeep; Kumar, Dinesh; Dilbaghi, Neeraj	Physics	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	Jan-17	1614-7499	10.1007/s11356-016-7774-y
32	Thermo-mechanical and anti-corrosive properties of MWCNT/epoxy nanocomposites fabricated by innovative dispersion technique	Arun Kumar, P.K. Ghosh, K.L. Yadav and Kaushal Kumar	Physics	Composites Part B: Engineering	Jan-2017	1359-8368	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/11-11_Joneral_3591.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/11-11_Joneral_3591.jpg</a>
33	An empirical study of benchmarking evaluation using MCDM in service industries	Singh, Bhupender; Grover, Sandeep; Singh, Vikram	Mechanical Engineering	MANAGERIAL AUDITING JOURNAL	Feb-17	1758-7735	10.1108/MAJ-11-2015-1274
34	Modelling the quality enabled factors in initiation stage of production system life cycle	Rajesh Attri and Sandeep Grover	Mechanical Engineering	Benchmarking- An International Journal	Feb-2017	1463-5771	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/Benchmarking 1_Joneral_259.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/Benchmarking 1_Joneral_259.pdf</a>
35	Performance of buffered ferric chloride as terminal electron acceptor in dual chamber microbial fuel cell	Smita S Kumar, Sandeep K Malyan and Narsi R Bishnoi	Environmental Sciences	Journal of environmental chemical engineering	Feb-2017	2213-3437	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/jece_Joneral_5845.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/jece_Joneral_5845.jpg</a>
36	Piecewise Maximal Similarity for Ad-hoc Social Networks	Gambhir, Sapna; Aneja, Nagender; De Silva, Liyanage Chandratilake	Computer Engineering	WIRELESS PERSONAL COMMUNICATIONS	Feb-17	1572-834X	10.1007/s11277-017-4683-4
37	Viscoelastic and thermally stable PDMS-SiO <sub>2</sub> filled epoxy adhesive joint on steel substrate	Kaushal Kumar*, Sudhir Kumar, Arun Kumar, Ramkishor Anant, and Ravindra Kumar	Physics	Polymer Composites	Feb-2017	1548-0569	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/10-10_Joneral_3591.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/10-10_Joneral_3591.jpg</a>
38	A benchmarking model for Indian service industries using MICMAC and WISM approach	Bhupender Singh, Vikram Singh	Mechanical Engineering	International Journal of System Assurance Engineering and Management	Mar-2017	2214-7853	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/E SCI Paper_Joneral_101.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/E SCI Paper_Joneral_101.jpg</a>

39	AGC performance enrichment of multi-source hydrothermal gas power systems using new optimized FOPID controller and redox flow batteries	Y. Arya	Electrical Engineering	Energy	Mar-2017	0360-5442	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/14_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/14_Joneral_8079.pdf</a>
40	Analysis of quality enabled factors in the product design stage of a production system life cycle a relationship modelling approach	Rajesh Attri	Mechanical Engineering	International Journal of Management Science and Engineering Management	Mar-2017	1750-9661	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/ESCI_Joneral_101.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/ESCI_Joneral_101.jpg</a>
41	An automatic user interest mining technique for retrieving quality data	Shilpa Sethi and Ashutosh Dixit	Computer Engineering	International journal of business analytics.	Apr-2017	2334-4547	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/AnAutomaticUser1_Joneral_135.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/AnAutomaticUser1_Joneral_135.pdf</a>
42	Grafted SiCnanocrystals For enhanced optical, electrical and mechanical properties of polyvinyl alcohol	Isha Saini, Annu Sharma, Rajnish Dhiman, Sanjeev Aggarwal, Sita Ram, Pawan K. Sharma	Chemistry	Journal of Alloys and Compounds	Apr-2017	0925-8388	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/7_compressed_Joneral_250.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/7_compressed_Joneral_250.pdf</a>
43	Parameter optimization and experimental study on wire electrical discharge machining of porous Ni40Ti60 alloy	Sharma, Neeraj; Raj, Tilak; Jangra, Kamal Kumar	Mechanical Engineering	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B- JOURNAL OF ENGINEERING MANUFACTURE	May-17	2041-2975	10.1177/0954405415577710
44	Syntrophic association and performance of Clostridium, Desulfovibrio, Aeromonas and Tetrathobactor as anodic biocatalysts for bioelectricity generation in dual chamber microbial fuel cell	Smita S Kumar, Sandeep K Malyan, Suddhasatwa Basu and Narsi R Bishnoi	Environmental Sciences	Environmental Science and pollution research	May-2017	0944-1344	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/espr_Joneral_5845.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/espr_Joneral_5845.jpg</a>
45	An enhancement of antimicrobial efficacy of biogenic and ceftriaxone-conjugated silver nanoparticles green approach	Rajashree Sanmuganathan, Davoodbasha Mubarak Ali, Desika Prabakar, Harshiny Muthukumar, Nooruddin Thajuddin, Smita S Kumar, Arivalagan Pugazhendhi	Environmental Sciences	Environmental Science and pollution Research	Jun-2017	0944-1344	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/shanmuganathan2017-1_Joneral_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/shanmuganathan2017-1_Joneral_5845.pdf</a>
46	Evolution of structural and magnetic phases in Nd doped BiFeO3 multiferroics with sintering time.	Ompal Singh , Ashish Agarwal , Amitabh Das , Sujata Sanghi, Anju Jindal	Physics	Journal of Magnetism and Magnetic Materials	Jun-2017	0304-8853	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/Publication_3_Joneral_3594.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/Publication_3_Joneral_3594.pdf</a>

47	Quantitative Voronovskaja and Grss Voronovskaja type theorems for operators of Kantorovich type involving multiple Appell polynomials.	Pooja Gupta and P.N. Agrawal	Mathematics	Iranian journal of Science and technology Transactions A Science	Jun-2017	1028-6276	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/Iranian_journal_Jonerat_3563.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/Iranian_journal_Jonerat_3563.pdf</a>
48	Thermo-mechanical response of geothermal energy piles in sand and parametric study	Tanusree Chakraborty	Civil Engineering	International Journal of Geomechanics	Jun-2017	1532-3641	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/ThermomechanicalAnalysisandParametricStudyofGeothermalEnergyPilesinSand_Jonerat_5915.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/ThermomechanicalAnalysisandParametricStudyofGeothermalEnergyPilesinSand_Jonerat_5915.pdf</a>
49	AGC of restructured multi-area multi-source hydrothermal power systems incorporating energy storage units via optimal fractional-order fuzzy PID controller	Y. Arya	Electrical Engineering	Neural Computing and Applications	Jul-2017	1433-3058	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/21_Jonerat_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/21_Jonerat_8079.pdf</a>
50	Discovery of Entity Synonyms Using Anchor Text and URLs	Mamta Kathuria, C K Nagpal, Neelam Duhan	Computer Engineering	International Journal of Future Generation Communication and Networking	Jul-2017	2233-7857	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/pp4_Jonerat_131.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/pp4_Jonerat_131.jpg</a>
51	Structural and thermal characterization of polyvinylalcoholgrafted SiCnanocrystals	Isha Saini, Annu Sharma, RajnishDhiman, Sita Ram and Pawan K Sharma	Chemistry	Mater. Res. Express	Jul-2017	2053-1591	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/8_Jonerat_250.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/8_Jonerat_250.pdf</a>
52	An innovative image encryption scheme based on chaotic map and Vigenre scheme	Ritesh Bansal, Shailender Gupta, Gaurav Sharma	Electronics Engineering	Multimedia Tools and Applications	Aug-2017	1573-7721	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/8-2017_Jonerat_204.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/8-2017_Jonerat_204.jpg</a>
53	Automatic Ontology Construction using Conceptualization and Semantic Roles	Amita Arora, Manjeet Singh, Naresh Chauhan	Computer Engineering	International Journal of Information Retrieval Research	Aug-2017	2155-6377	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/research_paper1_Jonerat_117.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/research_paper1_Jonerat_117.jpg</a>
54	Social Profile Aware AODV Protocol for Ad-Hoc Social Networks	Aneja, Nagender; Gambhir, Sapna	Computer Engineering	WIRELESS PERSONAL COMMUNICATIONS	Aug-17	1572-834X	10.1007/s11277-017-4718-x
55	UDM enhanced physical and mechanical properties through the formation of nanocavities in an epoxy matrix	Kaushal Kumar* Arun Kumar and P.K. Ghosh	Physics	Ultrasonics Sonochemistry	Aug-2017	1350-4177	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/15_Jonerat_3591.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/15_Jonerat_3591.jpg</a>

56	MWCNT/TiO <sub>2</sub> hybrid nano filler toward high-performance epoxy composite	Arun Kumar, Kaushal Kumar, P.K. Ghosh and K.L. Yadav	Physics	Ultrasonics Sonochemistry	Sep-2017	1350-4177	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/16_Jonerall_3591.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/16_Jonerall_3591.jpg</a>
57	An innovative image encryption scheme based on chaotic map and Vigenere scheme	Bansal, Ritesh; Gupta, Shailender; Sharma, Gaurav	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Oct-17	1573-7721	10.1007/s11042-016-3926-9
58	Analysis of interaction among the barriers to 5S implementation using interpretive structural modeling approach	Rajesh Attri, Bhupender Singh and Sunil Mehra	Mechanical Engineering	Benchmarking An International Journal	Oct-2017	1463-5771	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/10-1108_BIJ-07-2016-0110_Jonerall_259.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/10-1108_BIJ-07-2016-0110_Jonerall_259.pdf</a>
59	Aspects of ions induced texture evolution on Ge surface: A statistical assessment	Garg, S. K.; Datta, D. P.; Kanjilal, D.; Som, T.	Physics	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	Oct-17	1872-9584	10.1016/j.nimb.2017.04.012
60	Development and integration of near atmospheric N-2 ambient sputtered Au thin film for enhanced infrared absorption	Gaur, Surender P.; Kothari, Prateek; Maninder, K.; Kumar, Prem; Rangra, Kamaljit; Kumar, Dinesh	Physics	INFRARED PHYSICS & TECHNOLOGY	Oct-17	1879-0275	10.1016/j.infrared.2017.03.013
61	Entanglement potential versus negativity of Wigner function for SUP-operated quantum states	Arpita Chatterjee	Mathematics	Int. J. Theo. Phys.	Oct-2017	0950-0340	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/reprint_paper_5_JNU-1-1_Jonerall_3561.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/reprint_paper_5_JNU-1-1_Jonerall_3561.pdf</a>
62	First Report of the Isolation of Novel Oxiranes in the I(III) Mediated Oxidation of 1-(4-Nitrophenyl)-3-arylprop-2-en-1-ones	Prakash, Om; Moriarty, Robert M.; Chaudhri, Vishwas; Pannu, Kamaljeet; Pundeer, Rashmi	Chemistry	INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY	Oct-17	0971-1627	<a href="http://www.connectjournals.com/toc2.php?abstract=2785204H_327-328a.pdf&amp;&amp;bookmark=CJ-001644&amp;&amp;issue_id=04&amp;&amp;yaer=2017">http://www.connectjournals.com/toc2.php?abstract=2785204H_327-328a.pdf&amp;&amp;bookmark=CJ-001644&amp;&amp;issue_id=04&amp;&amp;yaer=2017</a>
63	Flow of Bi-modal Slurry through Horizontal Bend	Kaushal, Deo Raj; Kumar, Arvind; Tomita, Yuji; Kuchii, Shigeru; Tsukamoto, Hiroshi	Mechanical Engineering	KONA POWDER AND PARTICLE JOURNAL	Oct-17	0288-4534	10.14356/kona.2017016
64	Natural radioactivity in rock samples of Aravali hills in India	Kumari, R.; Kant, K.; Garg, M.	Physics	INTERNATIONAL JOURNAL OF RADIATION RESEARCH	Oct-17	2322-3243	10.18869/acadpub.ijrr.15.4.391

65	Physical and tribological characteristics of porous NiTi SMA fabricated by powder metallurgy	Sharma, Neeraj; Raj, Tilak; Kumar, Kamal	Mechanical Engineering	PARTICULATE SCIENCE AND TECHNOLOGY	Oct-17	1548-0046	10.1080/02726351.2016.1171814
66	Radon-thoron and their progeny dosimetry in multi-storeyed malls in Delhi NCR (India) using plastic track detectorsoman	Nitin Gupta, Krishan Kant, Maneesha Garg	Physics	INTERNATIONAL JOURNAL OF LOW RADIATION	Oct-2017	1477-6545	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/paper4_Jonerol_243.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerol/paper4_Jonerol_243.pdf</a>
67	Semantic Analysis Based Approach for Relevant Text Extraction Using Ontology	Poonam Chahal and Suresh Kumar	Computer Application	International Journal of Information Retrievl and Research, IGI Publications	Oct-2017	2155-6377	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/Paper10_Jonerol_126.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerol/Paper10_Jonerol_126.jpg</a>
68	A Fuzzy logic based efficient routing protocol for Adhoc network	P Mittal, CK Nagpal, S Gupta, K Garg	Computer Engineering	International Journal of Future Generation Communication and Networking	Nov-2017	2233-7857	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/pp_Jonerol_131.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerol/pp_Jonerol_131.jpg</a>
69	A novel hybrid security mechanism for data communication networks	Tayal, Neha; Bansal, Ritesh; Dhal, Sangeeta; Gupta, Shailender	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Nov-17	1573-7721	10.1007/s11042-016-4111-x
70	An Efficient User Preference and Page Relevance based Page Ranking Algorithm	Ashlesha Gupta, Ashutosh Dixit and A.K. Sharma	Computer Engineering	Indian journal of Science and Technology	Nov-2017	0974-5645	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/Paper_Jonerol_143.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerol/Paper_Jonerol_143.jpg</a>
71	Evaluating key performance indicators of leagile manufacturing using fuzzy TISM approach	Naveen Virmani, Rajeev Saha, Rajeshwar Sahai	Mechanical Engineering	International Journal of System Assurance Engineering and Management	Nov-2017	0976-4348	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/ij26_Jonerol_260.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerol/ij26_Jonerol_260.jpg</a>
72	Performance modeling of the serial processes in refining system of a sugar plant using RAMD analysis	Anil, Sanjeev Kumar, Vikram Singh	Mechanical Engineering	International Journal of System Assurance and Engineering Management	Nov-2017	0975-6809	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/PAPER4_Jonerol_364.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerol/PAPER4_Jonerol_364.pdf</a>
73	Relay selection-based hybrid satellite-terrestrial communication systems	Arti, M. K.; Jain, Varun	Electronics Engineering	IET COMMUNICATIONS	Nov-17	1751-8636	10.1049/iet-com.2016.1425
74	Optimal automatic generation control of two-area power systems with energy storage units under deregulated environment	Y. Arya, N. Kumar, and S.K. Gupta	Electrical Engineering	Journal of Renewable and Sustainable Energy	Dec-2017	1941-7012	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/16_Jonerol_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerol/16_Jonerol_8079.pdf</a>



75	Superior thermo-mechanical and wetting properties of ultrasonic dual mode mixing assisted epoxy-CNT nanocomposites	M.S. Goyat, Vikram Jaglan, Vikram Tomar, Guillaume Louchaert, Arun Kumar, Kaushal Kumar, Amneesh Singla, Rajeev Gupta, Uday Bhan, Santosh Kumar Rai and Sudesh Sharma	Physics	High Performance Polymers	Dec-2017	1361-6412	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/12_Joneral_3591.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/12_Joneral_3591.jpg</a>
76	Aging behavior of near atmospheric N-2 ambient sputtered/patterned Au IR absorber thin films	Gaur, Surender P.; Kothari, Prateek; Rangra, Kamaljit; Kumar, Dinesh	Physics	INFRARED PHYSICS & TECHNOLOGY	Jan-18	1879-0275	10.1016/j.infrared.2018.01.008
77	Comparative performance analysis of optimal control strategy for AGC of electric power generating systems	P. Dahiya, P. Mukhija, A. R. Saxena, and Y. Arya	Electrical Engineering	Automatika	Jan-2018	1848-3380	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/12_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/12_Joneral_8079.pdf</a>
78	Investigation of Structural, Morphological and Electro-Optical Behavior of GO/rGO	Rashmi Chawla, Poonam Singhal, Amit Kumar Garg	Electronics Engineering	International Journal of Surface Engineering and Interdisciplinary Materials Science (IJSEIMS)	Jan-2018	9781-5225, 15456 15225	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/IMG_20200304_232841_Joneral_208.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/IMG_20200304_232841_Joneral_208.jpg</a>
79	Microstructure and mechanical behavior of AA6082-T6/SiC/B4C-based aluminum hybrid composites	Singh, Gurpreet; Goyal, Sanjeev	Mechanical Engineering	PARTICULATE SCIENCE AND TECHNOLOGY	Jan-18	1548-0046	10.1080/02726351.2016.1227410
80	Numerical Solution of Space Fractional Order Solute Transport System	Manish Chopra, S. Das	Mathematics	Journal of Porous Media (Begell House)	Jan-2018	1091-028X	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/Paper_2_Joneral_3860.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/Paper_2_Joneral_3860.pdf</a>
81	Numerical Solution of Two-dimensional Solute Transport System using Operational Matrices	Manish Chopra, S. Das	Mathematics	Transport in Porous Media (Springer)	Jan-2018	0169-3913	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/Paper_3_Joneral_3860.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/Paper_3_Joneral_3860.pdf</a>
82	Parametric study of the dry sliding wear behaviour of AA6082-T6/SiC and AA6082-T6/B4C composites using RSM	Singh, Gurpreet; Goyal, Sanjeev; Miranda, Georgina; Sharma, Neeraj	Mechanical Engineering	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY	Jan-18	1976-3824	10.1007/s12206-018-0105-5
83	Automatic generation control of two-area electrical power systems via optimal fuzzy classical controller	Y. Arya	Electrical Engineering	Journal of The Franklin Institute	Feb-2018	0016-0032	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/18_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/18_Joneral_8079.pdf</a>
84	MWCNTs toward superior strength of epoxy adhesive joint on mild steel adherent	Arun Kumar, Kaushal Kumar, P.K. Ghosh, Ankit Rathi, K.L. Yadav and Raman	Physics	Composites Part B: Engineering	Feb-2018	1359-8368	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/17_Joneral_3591.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/17_Joneral_3591.jpg</a>

85	A Fuzzy Based Matrix Methodology for Evaluation and Ranking of Data Warehouse Conceptual Models Metrics	Dahiya, Naveen; Bhatnagar, Vishal; Singh, Manjeet	Computer Applications	INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY	Mar-18	1683-3198	
86	A Fuzzy Logic Based Synonym Resolution Approach for Automated Information Retrieval	Kathuria, Mamta; Nagpal, Chander Kumar; Duhan, Neelam	Computer Engineering	INTERNATIONAL JOURNAL ON SEMANTIC WEB AND INFORMATION SYSTEMS	Mar-18	1552-6291	10.4018/IJSWIS.2018100105
87	A Game Theory Based Solution for Security Challenges in CRNs	Poonam, C K Nagpal	Computer Engineering	3D Research	Mar-2018	2092-6731	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/p1_Joner_131_Joner_131.jpg">https://jcboseustymca.co.in/StaffDocument/Joner/p1_Joner_131_Joner_131.jpg</a>
88	A novel image encryption scheme based on intertwining chaotic maps and RC4 stream cipher	Manju Kumari, Shailender Gupta	Electronics Engineering	3D Research	Mar-2018	2092-6731	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/3-2018_Joner_204.jpg">https://jcboseustymca.co.in/StaffDocument/Joner/3-2018_Joner_204.jpg</a>
89	An efficient hybrid security mechanism based on chaos and improved BPCS	Bansal, Ritesh; Nagpal, Chander Kumar; Gupta, Shailender	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Mar-18	1573-7721	10.1007/s11042-017-4600-6
90	Effect of preheating on fatigue resistance of gear in spin induction hardening process	Pawan Kumar <sup>310</sup>	Mechanical Engineering	IOP Conference series: Material Science and Engineering	Mar-2018	1757-899X	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/IOP_Joner_177.jpg">https://jcboseustymca.co.in/StaffDocument/Joner/IOP_Joner_177.jpg</a>
91	Profile-Based Ad Hoc Social Networking Using Wi-Fi Direct on the Top of Android	Aneja, Nagender; Gambhir, Sapna	Computer Engineering	MOBILE INFORMATION SYSTEMS	Mar-18	1875-905X	10.1155/2018/9469536
92	AGC of two-area electric power systems using optimized fuzzy PID with filter plus double integral controller	Y. Arya	Electrical Engineering	Journal of The Franklin Institute	May-2018	0016-0032	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/19_Joner_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/19_Joner_8079.pdf</a>
93	Growth of large-area 2D MoS <sub>2</sub> arrays at pre-defined locations using stencil mask lithography	Intu Sharma, Yogita Batra, V. Flauraud, Jrgen Brugger and Bodh Raj Mehta	Physics	Journal of Nanoscience and Nanotechnology	May-2018	1533-4880	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/jnn_intu_Joner_5847.jpg">https://jcboseustymca.co.in/StaffDocument/Joner/jnn_intu_Joner_5847.jpg</a>
94	Jakimovski-Leviatan operators of Durrmeyer type involving Appell polynomials	Pooja Gupta and Purshottam Narain Agrawal	Mathematics	Turkish journal of Mathematics Turkish journal of Mathematics	May-2018	1303-6149	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/turkish journal of maths_Joner_3563.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/turkish journal of maths_Joner_3563.pdf</a>
95	On duality for a second order multiobjective fractional programming problem involving type-I functions	Ramu Dubey and Shiv K. Gupta	Mathematics	Georgian Math. J.	May-2018	DOI 10.1515/gmj	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/1_Joner_3607.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/1_Joner_3607.pdf</a>

96	Photocatalytic properties and antimicrobial efficacy of Fe doped CuO nanoparticles against the pathogenic bacteria and fungi	Arivalagan Pugazhendi, Smita S Kumar, M. Manikandan, Muthupandian Saravanan	Environmental Sciences	Microbial Pathogenesis	Jun-2018	0882-4010	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/FeCuO_MicroPatho_Jonerall_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/FeCuO_MicroPatho_Jonerall_5845.pdf</a>
97	Research and implementation of Event Extraction from Twitter using LDA and Scoring Function	Monika Gupta, Parul Gupta	Computer Engineering	BVICAM IJIT	Jun-2018	2511-2112	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/paper7_Jonerall_1457.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/paper7_Jonerall_1457.pdf</a>
98	Bioelectricity generation using sulphate-reducing bacteria as anodic and microalgae as cathodic biocatalysts	Smita S Kumar, Suddhasatwa Basu, Saloni Gupta, Jyoti Sharma, Narsi R. Bishnoi	Environmental Sciences	Biofuels-UK /Taylor Francis	Jul-2018	0976-4763	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/SRB_Biofuels_Jonerall_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/SRB_Biofuels_Jonerall_5845.pdf</a>
99	Biological approaches to tackle heavy metal pollution A survey of literature	Jaya Marry Jacob, Chinnannan Karthik, Rijuta Ganesh Saratale, Smita S Kumar, Desika Prabhakar, K. Kadirvelu, Arivalagan Pugazhendhi	Environmental Sciences	Journal of Environmental Management	Jul-2018	0301-4797	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/HM_JeMA_Jonerall_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/HM_JeMA_Jonerall_5845.pdf</a>
100	Expert system for web form extraction and ranking of web forms	Babita Ahuja, Anuradha Pillai, Dimple Juneja	Computer Engineering	Journal of Engineering Technology	Jul-2018	0747-9964	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/Paper1_Jonerall_257.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/Paper1_Jonerall_257.pdf</a>
101	An Analysis of Level of Customer Satisfaction in FMCG sector	Manisha Goel, Rajiv Sindwani, Anushree Chauhan, Bhawna Sharma	Management Studies	PBRI	Aug-2018	0974 438X	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/pbri_Jonerall_105.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/pbri_Jonerall_105.jpg</a>
102	CREATION OF ENTITY SYNONYMS DICTIONARY AND ITS USAGE FOR QUERY REFORMULATION A REVIEW	Mamta Kathuria, C.K.Nagpal, Neelam Duhan	Computer Application	Journal of Emerging Technologies and Innovative Research	Aug-2018	2349-5162	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/entity_dictionary_paper_chd_conference(UGC)_journal_Jonerall_128.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/entity_dictionary_paper_chd_conference(UGC)_journal_Jonerall_128.pdf</a>
103	Enhancement of lipid production from algal biomass through various growth parameters	Jyoti Sharma, Smita S Kumar, Narsi R. Bishnoi, Arivalagan Pugazhendhi	Environmental Sciences	Journal of Molecular Liquids	Aug-2018	0167-7322	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/enhancement_jmolliq_compressed_Jonerall_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/enhancement_jmolliq_compressed_Jonerall_5845.pdf</a>
104	Improvement in automatic generation control of two-area electric power systems via a new fuzzy aided optimal PIDN-FOI controller	Y. Arya	Electrical Engineering	ISA Transactions	Aug-2018	0019-0578	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/20_Jonerall_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/20_Jonerall_8079.pdf</a>
105	SMA, TIG and P-GMA dissimilar weld joints of 304LN stainless steel to HSLA steel; Part -1: Thermal and micro structural characteristics	Ramkishor Anant, Jag Parvesh Dahiya, B.P. Agrawal, P.K. Ghosh, Ravindra Kumar, Sudhir Kumar and Kaushal Kumar	Physics	Materials Research Express	Aug-2018	2053-1591	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/13_Jonerall_3591.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/13_Jonerall_3591.jpg</a>

106	SMA, TIG and P-GMA dissimilar weld joints of 304LN stainless steel to HSLA steel; Part -2: Hot corrosion kinetics	Ramkishor Anant, Jag Parvesh Dahiya, B.P. Agrawal, P.K. Ghosh, Ravindra Kumar, Sudhir Kumar and Kaushal Kumar	Physics	Materials Research Express	Aug-2018	2053-1591	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/14_Joneral_3591.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/14_Joneral_3591.jpg</a>
107	A Novel Hybrid Contrast Enhancement Technique	Karishma Rao, Archana Agarwal, Sangeeta Dhall, Shailender Gupta, Prem Chand Vashist	Electronics Engineering	3D Research	Sep-2018	2092-6731	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/1-9-2018_Joneral_204.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/1-9-2018_Joneral_204.jpg</a>
108	Biogenesis of copper oxide nanoparticles (CuONPs) using <i>Sida acuta</i> and their incorporation over cotton fabrics to prevent the pathogenicity of Gram negative and Gram-positive bacteria	Selvam Sathiyavimal, Seerangaraj Vasantharaj, Devraj Bharathi, Mythili Saravanan, Elayaperumal Manikandan, Smita S. Kumar, Arivalagan Pugazhendhi	Environmental Sciences	Journal of Photochemistry Photobiology, B Biology	Sep-2018	1011-1344	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/CuONP_JPPB_Joneral_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/CuONP_JPPB_Joneral_5845.pdf</a>
109	A Fuzzy logic based Synonym Resolution approach for web information retrieval	Mamta Kathuria, C.K.Nagpal, Neelam Duhan	Computer Application	International Journal of Semantic Web and information system	Oct-2018	1552-6283	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/page01_Joneral_128.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/page01_Joneral_128.jpg</a>
110	A Hybrid MADM Approach for the Evaluation of Different Material Handling Issues in Flexible Manufacturing Systems	Sandhya Dixit, Tilak Raj	Mechanical Engineering	Administrative Sciences	Nov-2018	2076-3387	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/admsci-08-00069-1 Page_Joneral_186.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/admsci-08-00069-1 Page_Joneral_186.pdf</a>
111	Computational energy and exergy analysis of R134a, R1234yf, R1234ze and their mixtures in vapour compression system	Gaurav; Kumar, Raj	Mechanical Engineering	AIN SHAMS ENGINEERING JOURNAL	Nov-18	2090-4495	10.1016/j.asej.2018.01.002
112	Dry sliding wear behaviour of AA6082-T6/SiC/B4C hybrid metal matrix composites using response surface methodology	Singh, Gurpreet; Goyal, Sanjeev	Mechanical Engineering	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L- JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS	Nov-18	2041-3076	10.1177/1464420716657114
113	Effect of dispersion on omnidirectional reflection band in zinc oxide-based one-dimensional photonic crystal heterostructures	Chacko, Vinod; Bansal, Sonia; Hafiz, Aurangzeb Khurram	Physics	JOURNAL OF NANOPHOTONICS	Nov-18	1934-2608	10.1117/1.JNP.12.026012

114	EXPERIMENTAL INVESTIGATION AND OPTIMIZATION OF PROCESS PARAMETERS FOR IMPACT STRENGTH OF COMPOUND CAST BIMETALLIC JOINTS	Tayal, Rajender Kumar; Singh, Vikram; Kumar, Sudhir	Mechanical Engineering	INTERNATIONAL JOURNAL OF METALCASTING	Nov-18	2163-3193	10.1007/s40962-017-0190-3
115	Experimental Investigation and optimization of Process Parameters for Shear Strength of Compound Cast Bimetallic Joints	Tayal, Rajender Kumar; Kumar, Sudhir; Singh, Vikram	Mechanical Engineering	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	Nov-18	0975-1645	10.1007/s12666-018-1349-1
116	Fabrication of NiTi alloy: A review	Sharma, Neeraj; Jangra, Kamal K.; Raj, Tilak	Mechanical Engineering	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L- JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS	Nov-18	2041-3076	10.1177/1464420715622494
117	Fabrication of spiral inter-digitated terminal (IDT) structure of electroplated gold on quartz substrate and progressive microplasma generation	Dutta, Shankar; Kapoor, Udit; Kumar, Lokesh; Bhardwaj, Akash; Leeladhar; Gond, Vinita; Jain, K. K.; Bhan, R. K.	Electrical Engineering	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	Nov-18	1573-482X	10.1007/s10854-017-8211-9
118	Imperfect CSI-based large MIMO systems	Arti, M. K.; Seema, Shimpee	Physics	IET COMMUNICATIONS	Nov-18	1751-8636	10.1049/iet-com.2017.1173
119	Performance analysis of magnetorheological fluid-assisted electrical discharge machining	Upadhyay, Lokesh; Aggrawal, M. L.; Pandey, Pulak M.	Mechanical Engineering	MATERIALS AND MANUFACTURING PROCESSES	Nov-18	1532-2475	10.1080/10426914.2017.1364852
120	Search for Prioritized Test Cases in Multi-Objective Environment During Web Application Testing	Khanna, Munish; Chauhan, Naresh; Sharma, Dilip; Toofani, Abhishek; Chaudhary, Achint	Computer Engineering	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	Nov-18	2191-4281	10.1007/s13369-017-2830-6
121	Synthesis of Er doped ZnO cone-like nanostructures with enhanced structural, optical and magnetic properties	Sharma, Dharendra Kumar; Sharma, Kapil Kumar; Kumar, Vipin; Sharma, Anuradha	Physics	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	Nov-18	1573-482X	10.1007/s10854-017-8320-5
122	Synthesis of Er doped ZnO cone-like nanostructures with enhanced structural, optical and magnetic properties (vol 29, pg 3840, 2018)	Sharma, Dharendra Kumar; Sharma, Kapil Kumar; Kumar, Vipin; Sharma, Anuradha	Physics	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	Nov-18	1573-482X	10.1007/s10854-018-8855-0

123	A comparative study of radon levels in underground and surface water samples of Faridabad district of Southern Haryana, India	Bhupender Singh, Krishan Kant, Maneesha Garg , Ajit Singh, B. K. Sahoo, B. K. Sapra	Physics	Journal of Radioanalytical and Nuclear Chemistry	Dec-2018	0236-5731	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/paper_1_front_page_Jonerol_243.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerol/paper_1 front page_Jonerol_243.jpg</a>
124	A Space-Time Transmission Scheme for Large MIMO Systems	Arti, M. K.	Physics	IEEE WIRELESS COMMUNICATIONS LETTERS	Dec-18	2162-2345	10.1109/LWC.2017.2753800
125	Adding value to agro-industrial waste for cellulase and xylanase production via solid-state bioconversion	Singh, Anita; Bajar, Somvir; Devi, Arti; Bishnoi, Narsi R.	Environmental Sciences	BIOMASS CONVERSION AND BIOREFINERY	Dec-18	2190-6823	10.1007/s13399-021-01503-z
126	Contrast Enhancement Technique Based on Lifting Wavelet Transform	Megha Goyal, Bharat Bhushan, Shailender Gupta, Rashmi Chawla	Electronics Engineering	3D Research	Dec-2018	2092-6731	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/10-2018_Jonerol_204.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerol/10-2018_Jonerol_204.jpg</a>
127	Design of Query Processing System to Retrieve Information from Social Network using NLP	Virmani, Charu; Juneja, Dimple; Pillai, Anuradha	Computer Engineering	KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS	Dec-18	1976-7277	10.3837/tiis.2018.03.011
128	Efficient thermal utilization in MEMS bulk micromachined pyroelectric infrared sensor using thermal oxide thin layer	Gaur, Surender P.; Kumar, Prem; Rangra, Kamaljit; Kumar, Dinesh	Physics	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	Dec-18	1432-1858	10.1007/s00542-017-3560-0
129	Electronic energy transfer effects of Ti <sup>9+</sup> and S <sup>9+</sup> ions irradiations upon structural, optical and chemical properties of Kapton-H polymer	Singh, Paramjit; Ram, Jagjeevan; Gupta, S. K.; Kumar, Vijay; Sharma, S. K.; Kumar, Rajesh	Physics	VACUUM	Dec-18	0042-207X	10.1016/j.vacuum.2018.09.014
130	Numerical Solution of Non-linear Partial Differential Equation arising in Porous Media using Operational Matrices	Manish Chopra, S. Das	Mathematics	Mathematics and Computers in Simulation, (Elsevier)	Dec-2018	0378-4754	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/Paper_4_Jonerol_3860.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerol/Paper_4_Jonerol_3860.pdf</a>
131	Ontology-based Approach for Document Semantic Similarity using Concept map	Poonam Chahal	Computer Application	International Journal of Intelligent Systems Design and Computing	Dec-2018	2052-8485	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerol/Paper_1_Jonerol_126.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerol/Paper_1_Jonerol_126.jpg</a>

132	Publicly verifiable watermarking scheme for intellectual property protection using quantum Chaos and bit plane complexity slicing	Sharma, Gaurav; Gupta, Shailender; Dhall, Sangeeta; Nagpal, C. K.	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Dec-18	1573-7721	10.1007/s11042-018-6226-8
133	Variation of crystal structure, magnetization, and dielectric properties of Nd and Ba co-doped BiFeO <sub>3</sub> multiferroics	Ompal Singh Ashish Agarwal Sujata Sanghi Jogender Singh	Physics	International Journal of Applied Ceramics Technology	Dec-2018	1744-7402	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/Publication4_Joneral_3594.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/Publication4_Joneral_3594.pdf</a>
134	A study of seasonal variations of radon, thoron and their progeny levels in different types of dwellings in Faridabad district, Southern Haryana, India	Singh, Bhupender; Kant, Krishan; Garg, Maneesha; Singh, Ajit; Sahoo, B. K.	Physics	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	Jan-19	1588-2780	10.1007/s10967-019-06544-3
135	Clustering approaches for high-dimensional databases: A review	Mittal, Mamta; Goyal, Lalit M.; Hemanth, Duraisamy Jude; Sethi, Jasleen K.	Computer Engineering	WILEY INTERDISCIPLINARY REVIEWS-DATA MINING AND KNOWLEDGE DISCOVERY	Jan-19	1942-4795	10.1002/widm.1300
136	Dynamics of a deformed atom cavity field system in presence of a Kerr-like medium	Chatterjee, Arpita	Physics	JOURNAL OF MODERN OPTICS	Jan-19	1362-3044	10.1080/09500340.2019.1584337
137	Effect of Ba and Ho co-doping on crystal structure, phase transformation, magnetic properties and dielectric properties of BiFeO <sub>3</sub>	Jogender Singh, Ashish Agarwal, Sujata Sanghi, Tanvi Bhasin, Manisha Yadav, Umesh Bhakar, Ompal Singh	Physics	Current Applied Physics	Jan-2019	1567-1739	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/Publication5_Joneral_3594.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/Publication5_Joneral_3594.pdf</a>
138	High performance 9T adiabatic SRAM and novel stability characterization using pole zero placement	Jadav, Sunil; Chandel, Rajeevan	Electronics Engineering	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	Jan-19	1573-1979	10.1007/s10470-018-1308-0
139	High Voltage Repetitive Pulsed Power Generator for Exhaust Gas Treatme	Poonam Singhal	Electrical Engineering	Caribbean journal of science	Jan-2019	0008-6452	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/exhaust_Joneral_153.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/exhaust_Joneral_153.jpg</a>
140	Implementation of Cuckoo Search Optimized Firing Scheme in 5-Level Cascaded H-Bridge Multilevel Inverter for Power Quality Improvement	Singla, Deepshikha; Sharma, P. R.	Electrical Engineering	JOURNAL OF POWER ELECTRONICS	Jan-19	2093-4718	10.6113/JPE.2019.19.6.1458

141	IoT Based Framework Mathematical Modelling and Analysis of Dust Impact on Solar Panels	Alisha Makkar, Anisha Raheja, Rashmi Chawla, Shailender Gupta	Electronics Engineering	3D research	Jan-2019	2092-6731	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/makkar2019_Jonerat_204.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/makkar2019_Jonerat_204.jpg</a>
142	Jakimovski-Leviatan operators of Kantorovich type involving multiple Appell polynomials,	Pooja Gupta, Ana Maria Acu and Purshottam Narain Agrawal	Mathematics	Georgian Mathematical journal	Jan-2019	0430-3202	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/list page of georgian MJ_Jonerat_3563.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/list page of georgian MJ_Jonerat_3563.pdf</a>
143	Screening of and enrichment of high lipid producing microalgal consortia	Jyoti Sharma, Smita S. Kumar, Narsi R Bishnoi, Arivalagan Pugazhendhi	Environmental Sciences	Journal of Photochemistry Photobiology, B Biology	Jan-2019	1011-1344	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/JPPB_Microalgae_screening_Jonerat_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/JPPB_Microalgae_screening_Jonerat_5845.pdf</a>
144	A novel video shot boundary detection framework employing DCT and pattern matching	Dhiman, Shekhar; Chawla, Rashmi; Gupta, Shailender	Mechanical Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Feb-19	1573-7721	10.1007/s11042-019-08170-3
145	Characterization and Microhardness Evaluation of A356/Mg Joint Produced by Vacuum-Assisted Sand Mold Compound Casting Process	Tayal, Rajender Kumar; Singh, Vikram; Kumar, Sudhir; Garg, Rohit	Mechanical Engineering	INTERNATIONAL JOURNAL OF METALCASTING	Feb-19	2163-3193	10.1007/s40962-018-0264-x
146	Experimental Investigation and Evaluation of Joint Strength of A356/Mg Bimetallic Fabricated Using Compound Casting Process	Tayal, Rajender Kumar; Singh, Vikram; Gupta, Anju; Kumar, Sudhir; Ujjawal, Deepa	Mechanical Engineering	INTERNATIONAL JOURNAL OF METALCASTING	Feb-19	2163-3193	10.1007/s40962-018-0288-2
147	Impact of hydrogen aqua electrolyzer-fuel cell units on automatic generation control of power systems with a new optimal fuzzy TIDF-II controller	Y. Arya	Electrical Engineering	Renewable Energy	Feb-2019	0960-1481	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/24_Jonerat_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/24_Jonerat_8079.pdf</a>
148	Optically Induced Ferromagnetism in III-V Dilute Magnetic Semiconductors	Kaushik, Hari Shankar; Sharma, Anuradha; Sharma, Mamta	Physics	INTEGRATED FERROELECTRICS	Feb-19	1607-8489	10.1080/10584587.2019.1674967
149	The Role of the GO Synthesis Process in Regulation of Non-linear Optic Properties	Chawla, Rashmi; Singhal, Poonam; Garg, Amit Kumar	Electrical Engineering	JOM	Feb-19	1543-1851	10.1007/s11837-019-03395-x
150	VARIATIONS OF ION DENSITY AND TEMPERATURE AS MEASURED BY ROCSAT-1 SATELLITE OVER THE INDIAN REGION AND COMPARISON WITH IRI-2016 MODEL	Rana, Geeta; Bardhan, A.; Sharma, D. K.; Yadav, M. K.; Aggarwal, Malini; Dudeja, Jyotika	Physics	ANNALS OF GEOPHYSICS	Feb-19	2037-416X	10.4401/ag-8131



151	A novel multi-class approach for early-stage prediction of sudden cardiac death	Devi, Reeta; Tyagi, Hitender Kumar; Kumar, Dinesh	Physics	BIOCYBERNETICS AND BIOMEDICAL ENGINEERING	Mar-19	0208-5216	10.1016/j.bbe.2019.05.011
152	A novel parallel classifier scheme for vulnerability detection in Android	Garg, Shivi; Baliyan, Niyati	Computer Engineering	COMPUTERS & ELECTRICAL ENGINEERING	Mar-19	1879-0755	10.1016/j.compeleceng.2019.04.019
153	Ammonia gas sensing performance of nickel ferrite nanoparticles	Kashyap, Rajesh; Kumar, Ravi; Devi, Sarita; Kumar, Mukesh; Tyagi, Sachin; Kumar, Dinesh	Chemistry	MATERIALS RESEARCH EXPRESS	Mar-19	2053-1591	10.1088/2053-1591/ab55b5
154	Comparative study of XPM-induced crosstalk due to 3OD parameter in SCM-WDM transmission system	Singh, Vikram; Kumar, Sarvesh; Dimri, Pradeep Kumar	Mechanical Engineering	OPTIK	Mar-19	0030-4026	10.1016/j.ijleo.2019.04.100
155	Enhanced resistive switching in graphene oxide based composite thin film for nonvolatile memory applications	Singh, Rakesh; Kumar, Ravi; Kumar, Anil; Kumar, Dinesh; Kumar, Mukesh	Chemistry	MATERIALS RESEARCH EXPRESS	Mar-19	2053-1591	10.1088/2053-1591/ab3dfc
156	Experimental investigation on effects of solid concentration, chemical additives, and shear rate on the rheological properties of bottom ash (BA) slurry	Singh, Kanwar Pal; Kumar, Arvind; Kaushal, Deo Raj	Mechanical Engineering	INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION	Mar-19	1939-2702	10.1080/19392699.2019.1636787
157	Porosity exploration of SMA by Taguchi, regression analysis and genetic programming	Sharma, Neeraj; Kumar, Kamal; Raj, Tilak; Kumar, Vinod	Mechanical Engineering	JOURNAL OF INTELLIGENT MANUFACTURING	Mar-19	1572-8145	10.1007/s10845-016-1236-8
158	Room temperature ammonia gas sensor using ester functionalization of graphene oxide	Kumar, Ravi; Kumar, Anil; Singh, Rakesh; Kashyap, Rajesh; Kumar, Rajiv; Kumar, Dinesh; Kumar, Mukesh	Chemistry	MATERIALS RESEARCH EXPRESS	Mar-19	2053-1591	10.1088/2053-1591/ab323c
159	UDM processed superior acrylic resin based ZrO <sub>2</sub> nanoparticle reinforced composite for dental application	Ghosh, P. K.; Kumar, Kaushal; Kumar, Arun	Physics	MATERIALS RESEARCH EXPRESS	Mar-19	2053-1591	10.1088/2053-1591/ab3917
160	Deep learning based enhanced tumor segmentation approach for MR brain images	Mittal, Mamta; Goyal, Lalit Mohan; Kaur, Sumit; Kaur, Iqbaldeep; Verma, Amit; Hemanth, D. Jude	Computer Engineering	APPLIED SOFT COMPUTING	Apr-19	1872-9681	10.1016/j.asoc.2019.02.036
161	Design of a Novel Query System for Social Network	Charu Virmani, Anuradha Pillai, Dimple Juneja	Computer Engineering	Journal of Information Technology Research	Apr-2019	1938-7857	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerai/charu6_Jonerai_257.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerai/charu6_Jonerai_257.pdf</a>

162	Duality for Unified Higher-Order Minimax Fractional Programming with Support Function under Type-I Assumptions	Dubey, Ramu; Mishra, Vishnu Narayan; Ali, Rifaqat	Mathematics	MATHEMATICS	Apr-19	2227-7390	10.3390/math7111034
163	Effect of energy storage systems on automatic generation control of interconnected traditional and restructured energy systems	Y. Arya	Electrical Engineering	International Journal of Energy Research	Apr-2019	1099-114X	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/25_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/25_Joneral_8079.pdf</a>
164	Efficient UV photodetectors based on Ni-doped ZnS nanoparticles prepared by facial chemical reduction method	Kumar, Vipin; Rawal, Ishpal; Kumar, Vinod; Goyal, Parveen K.	Physics	PHYSICA B-CONDENSED MATTER	Apr-19	1873-2135	10.1016/j.physb.2019.411690
165	Ferrous sulfate as an in-situ anodic coagulant for enhanced bio-electricity generation and COD removal efficiency from Landfill Leachate	Smita S. Kumar, Vivek Kumar, Ritesh Kumar, Sandeep K Malyan, Narsi R. Bishnoi	Environmental Sciences	Energy	Apr-2019	0360-5442	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/FeSO4_LL_MFC_Energy_Joneral_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/FeSO4_LL_MFC_Energy_Joneral_5845.pdf</a>
166	High speed RLC equivalent RC delay model for global VLSI interconnects	Jadav, Sunil; vashishath, Munish; Chandel, Rajeevan	Electronics Engineering	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	Apr-19	1573-1979	10.1007/s10470-019-01398-x
167	MEMS AIN pyroelectric infrared sensor with medium to long wave IR absorber	Gaur, Surender P.; Rangra, Kamaljit; Kumar, Dinesh	Physics	SENSORS AND ACTUATORS A-PHYSICAL	Apr-19	0924-4247	10.1016/j.sna.2019.111660
168	Polyaniline nanofibers based gas sensor for detection of volatile organic compounds at room temperature	Kashyap, Rajesh; Kumar, Ravi; Kumar, Mukesh; Tyagi, Sachin; Kumar, Dinesh	Chemistry	MATERIALS RESEARCH EXPRESS	Apr-19	2053-1591	10.1088/2053-1591/ab4e43
169	Silica-Coated Magnetic-Nanoparticle-Supported DABCO-Derived Acidic Ionic Liquid for the Efficient Synthesis of Bioactive 3,3-Di(indolyl)indolin-2-ones	Gupta, Radhika; Yadav, Manavi; Gaur, Rashmi; Arora, Gunjan; Rana, Pooja; Yadav, Priya; Adholeya, Alok; Sharma, Rakesh K.	Chemistry	ACS OMEGA	Apr-19		10.1021/acsomega.9b03237
170	Special Class of Second-Order Non-Differentiable Symmetric Duality Problems with $(G, \alpha(f))$ -Pseudobonvexity Assumptions	Dubey, Ramu; Mishra, Lakshmi Narayan; Ali, Rifaqat	Mathematics	MATHEMATICS	Apr-19	2227-7390	10.3390/math7080763
171	Study of Inner-Gate Engineering Effect on Analog/Radio Frequency Performance of Conventional Si-Nanotube Field Effect Transistor	Tayal, Shubham; Gupta, Shikhar; Nandi, Ashutosh; Gupta, Ankaj; Jadav, Sunil	Electronics Engineering	JOURNAL OF NANOELECTRONICS AND OPTOELECTRONICS	Apr-19	1555-1318	10.1166/jno.2019.2649

172	A new optimized fuzzy FOPI-FOPD controller for automatic generation control of electric power systems	Y. Arya	Electrical Engineering	Journal of The Franklin Institute	May-2019	0016-0032	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/23_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/23_Joneral_8079.pdf</a>
173	AGC of PV-thermal and hydro-thermal power systems using CES and a new multi-stage FPIDF-(1PI) controller	Y. Arya	Electrical Engineering	Renewable Energy	May-2019	0960-1481	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/22_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/22_Joneral_8079.pdf</a>
174	An Efficient Edge Detection Approach to Provide Better Edge Connectivity for Image Analysis	Mittal, Mamta; Verma, Amit; Kaur, Iqbaldeep; Kaur, Bhavneet; Sharma, Meenakshi; Goyal, Lalit Mohan; Roy, Sudipta; Kim, Tai-Hoon	Computer Engineering	IEEE ACCESS	May-19	2169-3536	10.1109/ACCESS.2019.2902579
175	Effect of anisotropy on the spectral characteristics of one-dimensional porous silicon photonic crystal microcavity for optical sensing applications	Chacko, Vinod; Bansal, Sonia; Hafiz, Aurangzeb Khurram	Physics	JOURNAL OF NANOPHOTONICS	May-19	1934-2608	10.1117/1.JNP.13.016012
176	High energy 120 MeV Ti9+ ion beam induced modifications in optical, structural and surface morphological properties of titanium dioxide thin films	Kumar, Vikas; Gupta, Rashi; Ram, Jagjeevan; Singh, Paramjit; Kumar, V.; Sharma, S. K.; Katiyar, R. S.; Kumar, Rajesh	Physics	VACUUM	May-19	1879-2715	10.1016/j.vacuum.2018.10.029
177	Impact of Dust for Solar PV in Indian Scenario Experimental Analysis	Rashmi Chawla, Poonam Singhal, Amit K Garg	Electronics Engineering	Driving the Development, Management, and Sustainability of Cognitive Cities	May-2019	1522580859	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/IMG_20200304_161421_Joneral_208.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/IMG_20200304_161421_Joneral_208.jpg</a>
178	Mixed Pixel Decomposition Based on Extended Fuzzy Clustering for Single Spectral Value Remote Sensing Images	Kaur, Sumit; Bansal, R. K.; Mittal, Mamta; Goyal, Lalit Mohan; Kaur, Iqbaldeep; Verma, Amit; Le Hoang Son	Computer Engineering	JOURNAL OF THE INDIAN SOCIETY OF REMOTE SENSING	May-19	0974-3006	10.1007/s12524-019-00946-2
179	Nondifferentiable G-Mond-Weir Type Multiobjective Symmetric Fractional Problem and Their Duality Theorems under Generalized Assumptions	Dubey, Ramu; Mishra, Lakshmi Narayan; Sanchez Ruiz, Luis Manuel	Mathematics	SYMMETRY-BASEL	May-19	2073-8994	10.3390/sym11111348
180	SYMMETRIC DUALITY RESULTS FOR SECOND-ORDER NONDIFFERENTIABLE MULTIOBJECTIVE PROGRAMMING PROBLEM	Dubey, Ramu; Mishra, Vishnu Narayan	Mathematics	RAIRO-OPERATIONS RESEARCH	May-19	1290-3868	10.1051/ro/2019044

181	Temperature-dependent dynamic hysteresis scaling of ferroelectric hysteresis parameters of lead free [(Ba <sub>0.825</sub> +xCa <sub>0.175-x</sub> )(Ti <sub>1-x</sub> Sn <sub>x</sub> )O <sub>3</sub> ]ceramics	Singh, Shatrughan; Singh, Bhim; Kumar, Sanjeev; Yadav, Ashok Kumar	Electrical Engineering	FERROELECTRICS	May-19	1563-5112	10.1080/00150193.2019.1658040
182	Microbial Fuel Cells (MFCs) for bioelectrochemical treatment of different wastewater streams	Smita S Kumar, Vivek Kumar, Sandeep K Malyan, Jyoti Sharma, Thangavel Mathimani, Marshal S. Maskarenj, Prakash C. Ghosh, Arivalagan Pugazhendhi	Environmental Sciences	Fuel	Jun-2019	0016-2361	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/MFC_WWT_Fuel_Joner_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/MFC_WWT_Fuel_Joner_5845.pdf</a>
183	Microbial Fuel Cells as a Sustainable platform technology for Bioenergy, Biosensing, Environmental Monitoring, and other Low Power Device Applications	1 November 2019	Environmental Sciences	Fuel	Jul-2019	0016-2361	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/MFC_run_power_devices_Fuel_Joner_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/MFC_run_power_devices_Fuel_Joner_5845.pdf</a>
184	Impact of ultra-capacitor on automatic generation control of electric energy systems using an optimal FFOID controller	Y. Arya	Electrical Engineering	International Journal of Energy Research	Aug-2019	1099-114X	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/27_Joner_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/27_Joner_8079.pdf</a>
185	A comprehensive review on enzymatic degradation of the organophosphate pesticide Malathion in the environment	Smita S Kumar, Pooja Ghosh, Sandeep K Malyan, Jyoti Sharma, Vivek Kumar.	Environmental Sciences	Journal of Environmental Science and Health, Part C	Sep-2019	1059-0501	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/JESHC_Malthion_Joner_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/JESHC_Malthion_Joner_5845.pdf</a>
186	Clinically important microbial diversity and its antibiotic resistance pattern towards various drugs	Gowri Manogari Boovaragamoorthy, Murugadas A, Prakash Piruthiviraj, Arivalagan Pugazhendhi, Smita S. Kumar, Naif Abdullah Al-Dhabi, Kareem Ghilan, Mariadhas Valan Arasu, Thamaraiselvi Kaliannan	Environmental Sciences	Journal of Infection and Public Health	Sep-2019	1876-0341	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/JIPH_cli_IMP-1_Joner_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/JIPH_cli_IMP-1_Joner_5845.pdf</a>
187	Healthy BLDC Motor Simulation Using Finite Element Analysis	Gunjan Sardana,neelam turk, satvir deswal	Electronics Engineering	International Journal of Advance Engineering and Research Development	Sep-2019	2348-4470	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/jjaerd_compressed_Joner_207.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/jjaerd_compressed_Joner_207.pdf</a>
188	Industrial wastes Fly ash, steel slag and phosphogypsum- Potential candidates to mitigate greenhouse gas emissions from paddy fields	Smita S. Kumar, Kumar Amit, Swati Singh, Sandeep K. Malyan, Shahar Baram, Jyoti Sharma, Rajesh Singh, Arivalagan Pugazhendhi	Environmental Sciences	Chemosphere	Sep-2019	0045-6535	<a href="https://jcboseustymca.co.in/StaffDocument/Joner/Chemosphere_Flyash_Joner_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Joner/Chemosphere_Flyash_Joner_5845.pdf</a>

189	Mythyl Ester of Gmelina Arborea Oil as a substitute for Petroleum Diesel An Experimental Study on its Performance and Emissions in a Diesel Engine	Sanjeev Kumar	Mechanical Engineering	Energy Sources, Part A Recovery , Utilization and Environmental Effects	Sep-2019	1556-7036	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/TAYLOR1_Jonerat_364.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/TAYLOR1_Jonerat_364.pdf</a>
190	Algae as green energy reserve Technological outlook on biofuel production	Susaimanickam Anto, Subhra Sankha Mukherjee, Rhea Muthappa, Thangavel Mathimani, Garlapati Deviram, Smita S Kumar, Tikendra Nath Verma, Arivalagan Pugazhendhi	Environmental Sciences	Chemosphere	Oct-2019	0045-6535	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/Smita_algal_biofuel_chemosphere_2020_Jonerat_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/Smita_algal_biofuel_chemosphere_2020_Jonerat_5845.pdf</a>
191	An overview on bioethanol production from lignocellulosic feedstocks	Manju Toor, Smita S. Kumar, Sandeep K. Malyan, Narsi R. Bishnoi, Thangavel Mathimani, Karthik Rajendran, Arivalagan Pugazhendhi	Environmental Sciences	Chemosphere	Oct-2019	0045-6535	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/Smita_lignocellulosic_bioethanol_Jonerat_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/Smita_lignocellulosic_bioethanol_Jonerat_5845.pdf</a>
192	Enhanced biogas production from municipal solid waste via co-digestion with sewage sludge and metabolic pathway analysis	Pooja Ghosh, PhD Madan Kumar Rimika Kapoor Smita S Kumar Lakhveer Singh Vandit Vijay Virendra K Vijay Vivek Kumar Indu Shekhar Thakur	Environmental Sciences	Bioresource Technology	Oct-2019	0960-8524	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/BITE_biogas_Jonerat_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/BITE_biogas_Jonerat_5845.pdf</a>
193	Microalgal consortia for municipal wastewater treatment lipid augmentation and fatty acid profiling for biodiesel production	Jyoti Sharma, Vivek Kumar, Smita S Kumar, Sandeep K Malyan, Thangavel Mathimani, Narsi R Bishnoi, Arivalagan Pugazhendhi	Environmental Sciences	Journal of Photochemistry and Photobiology B Biology	Oct-2019	1011-1344	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/JPPB_biodiesel_FA_profiling_Jonerat_5845.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/JPPB_biodiesel_FA_profiling_Jonerat_5845.pdf</a>
194	Optimal power-frequency balance in deregulated thermal, hydro and hydrothermal power systems with AC-DC links	Y. Arya, S.K. Gupta, and N. Singh	Electrical Engineering	Recent Advances in Electrical and Electronic Engineering	Oct-2019	2352-0973	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/26-compressed_Jonerat_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/26-compressed_Jonerat_8079.pdf</a>
195	A novel CFFOPI-FOPID controller for AGC performance enhancement of single and multi-area electric power systems	Y. Arya	Electrical Engineering	ISA Transactions	Nov-2019	0019-0578	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/29_Jonerat_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/29_Jonerat_8079.pdf</a>
196	An Analysis of impact of FDI on small Retailers	Dr Manisha Goel, Neelam Goyal	Management Studies	PBRI	Dec-2019	0974-438X	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/article53pbri_Jonerat_105.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/article53pbri_Jonerat_105.jpg</a>

197	Effect of variation of Gate work-function on Electrical characteristics of Lightly doped MOSFET	Nitin Sachdeva, Tarun Kumar Sachdeva, Neeraj Julka	Electronics Engineering	International Journal of Future Generation Communication and Networking	Dec-2019	2233-7857	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/nadia_Joneral_214.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/nadia_Joneral_214.jpg</a>
198	A multi-level steganography mechanism using quantum chaos encryption	Dhall, Sangeeta; Sharma, Rinku; Gupta, Shailender	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Jan-20	1573-7721	10.1007/s11042-019-08223-7
199	Analysis of frequency domain watermarking techniques in presence of geometric and simple attacks	Chopra, Anshul; Gupta, Shailender; Dhall, Sangeeta	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Jan-20	1573-7721	10.1007/s11042-019-08087-x
200	CC-ROGI-FLL based control for grid-tied photovoltaic system at abnormal grid conditions	Kumar, Abhishek; Kewat, Seema; Singh, Bhim; Jain, Rashmi	Electrical Engineering	IET GENERATION TRANSMISSION & DISTRIBUTION	Jan-20	1751-8695	10.1049/iet-gtd.2019.0765
201	Computer-aided engineering analysis for the performance augmentation of a fin-tube heat exchanger using vortex generator	Gupta, Sachin; Roy, Aditya; Gupta, Arvind	Mechanical Engineering	CONCURRENT ENGINEERING-RESEARCH AND APPLICATIONS	Jan-20	1531-2003	10.1177/1063293X19891770
202	Gastrointestinal diseases segmentation and classification based on duo-deep architectures	Khan, Mehshan Ahmed; Khan, Muhammad Attique; Ahmed, Fawad; Mittal, Mamta; Goyal, Lalit Mohan; Hemanth, D. Jude; Satapathy, Suresh Chandra	Computer Engineering	PATTERN RECOGNITION LETTERS	Jan-20	1872-7344	10.1016/j.patrec.2019.12.024
203	Green technology for sustainable biohydrogen production (waste to energy): A review	Mona, Sharma; Kumar, Smita S.; Kumar, Vivek; Parveen, Khalida; Saini, Neha; Deepak, Bansal; Pugazhendhi, Arivalagan	Environmental Sciences	Science of the Total Environment	Jan-20	1879-1026	10.1016/j.scitotenv.2020.138481
204	Health monitoring of induction motors through embedded systems-simulation of broken rotor bar fault and abnormal gear teeth fault	Gandhi, Priyanka; Turk, Neelam; Dahiya, Ratna	Electronics Engineering	MICROPROCESSORS AND MICROSYSTEMS	Jan-20	1872-9436	10.1016/j.micpro.2020.103077
205	Impact of Node Density on the QoS Parameters of Routing Protocols in Opportunistic Networks for Smart Spaces	Garg, Puneet; Dixit, Ashutosh; Sethi, Preeti; Pinheiro, Placido Rogerio	Computer Engineering	MOBILE INFORMATION SYSTEMS	Jan-20	1875-905X	10.1155/2020/8868842

206	Modeling the impact of fundamental and quantum resistance on the performance of SWCNT-based RLC interconnects	Jadav, Sunil; Chandel, Rajeevan; Vashishath, Munish	Electronics Engineering	INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS	Jan-20	1099-1204	10.1002/jnm.2698
207	Numerical investigation towards implementation of punched winglet as vortex generator for performance improvement of a fin-and-tube heat exchanger	Gupta, Arvind; Roy, Aditya; Gupta, Sachin; Gupta, Munish	Mechanical Engineering	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	Jan-20	1879-2189	10.1016/j.ijheatmasstransfer.2019.119171
208	Performance Evaluation of DG in Distribution System An Extensive Review	gaurav chauhan	Electrical Engineering	International Transaction Journal of Engineering, Management, Applied Sciences Technologies	Jan-2020	2228-9860	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/gaurav_Jonerall_157.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/gaurav_Jonerall_157.pdf</a>
209	Performance Investigation of Dual-Halo Dual-Dielectric Triple Material Surrounding Gate MOSFET with High-kappa dielectrics for Low Power Applications	Kumar, Prashant; Gupta, Neeraj; Sachdeva, Nitin; Sachdeva, Tarun; Vashishath, Munish	Electronics Engineering	JOURNAL OF SEMICONDUCTOR TECHNOLOGY AND SCIENCE	Jan-20	2233-4866	10.5573/JSTS.2020.20.3.297
210	alpha,alpha-Dibromoketones in Organic Synthesis: Synthesis and Antibacterial Evaluation of 1-Bromo-2-phenacylmercaptobenzimidazoles and 2-Amino/substituted amino-4-aryl-5-(2'-mercaptobenzimidazolyl)thiazoles	Nair, Reshmi R.; Prakash, Richa; Kumar, Ravi	Chemistry	INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY	Feb-20	0971-1627	
211	An integrated AHP-GTA approach for measuring effectiveness of quality tools and techniques	Vivek Sharma, S. K. Sharma	Mechanical Engineering	International Journal of System Assurance Engineering and Management	Feb-2020	0975-6809	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/Paper Feb 2020_Jonerall_101.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerall/Paper Feb 2020_Jonerall_101.jpg</a>
212	Biogenic Silver Nanoparticles: Evaluation of Their Biological and Catalytic Potential	Sharma, Bhawna; Singh, Indu; Bajar, Somvir; Gupta, Seema; Gautam, Hemant; Kumar, Pradeep	Environmental Sciences	INDIAN JOURNAL OF MICROBIOLOGY	Feb-20	0973-7715	10.1007/s12088-020-00889-0
213	Double-stage grid-integrated SPV system under weak distribution grid	Kumar, Abhishek; Jain, Rashmi; Singh, Bhim; Kewat, Seema	Electrical Engineering	IET RENEWABLE POWER GENERATION	Feb-20	1752-1424	10.1049/iet-rpg.2020.0806

214	Internet of Things Driven Framework for Smart Solar Energy System	Chawla, Rashmi; Singhal, Poonam; Garg, Amit Kumar	Electrical Engineering	JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME	Feb-20	0195-0738	10.1115/1.4044124
215	key distribution through fingerprint based authentication using Mobile agent	Umesh Kumar, Sapna Gambhir	Computer Engineering	Multimedia Tools and Applications	Feb-2020	1380-7501	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/papermultimediaa_Jonerall_138.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/papermultimediaa_Jonerall_138.pdf</a>
216	Reconfigurable Antenna and Performance Optimization Approach	Kumar, Naresh; Kumar, Pradeep; Sharma, Manish	Electronics Engineering	WIRELESS PERSONAL COMMUNICATIONS	Feb-20	1572-834X	10.1007/s11277-020-07145-0
217	Semantic Similarity and Text Summarization based Novelty Detection	Sushil Kumar, Komal Kumar Bhatia	Computer Engineering	SN Applied Sciences	Feb-2020	2523-3971	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/Sushil-ESCI-Indexed-Paper-1_Jonerall_120.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/Sushil-ESCI-Indexed-Paper-1_Jonerall_120.pdf</a>
218	Soft chemical deintercalation of silver from delafossites AgFeO <sub>2</sub> , and AgCrO <sub>2</sub>	Tomar, Nobel; Nagarajan, Rajamani; Shivakumara, C.	Chemistry	SOLID STATE SCIENCES	Feb-20	1873-3085	10.1016/j.solidstatesciences.2020.106385
219	Valorization of agricultural waste for biogas based circular economy in India: A research outlook	Kapoor, Rimika; Ghosh, Pooja; Kumar, Madan; Sengupta, Subhanjan; Gupta, Asmita; Kumar, Smita S.; Vijay, Vandit; Kumar, Vivek; Vijay, Virendra Kumar; Pant, Deepak	Environmental Sciences	BIORESOURCETECHNOLOGY	Feb-20	1873-2976	10.1016/j.biortech.2020.123036
220	Zn Doped alpha-Fe <sub>2</sub> O <sub>3</sub> : An Efficient Material for UV Driven Photocatalysis and Electrical Conductivity	Suman; Chahal, Surjeet; Kumar, Ashok; Kumar, Parmod	Physics	CRYSTALS	Feb-20	2073-4352	10.3390/cryst10040273
221	A superlative image encryption technique based on bit plane using key-based electronic code book	Kumari, Manju; Gupta, Shailender; Malik, Anjali	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Mar-20	1573-7721	10.1007/s11042-020-09627-6
222	Alkalinity and salinity favor bioelectricity generation potential of Clostridium, Tetrathlobacter and Desulfovibrio consortium in Microbial Fuel Cells (MFC) treating sulfate-laden wastewater	Kumar, Smita S.; Kumar, Vivek; Gude, Veera Gnanaswar; Malyan, Sandeep K.; Pugazhendhi, Arivalagan	Environmental Sciences	BIORESOURCETECHNOLOGY	Mar-20	1873-2976	10.1016/j.biortech.2020.123110
223	Analysis of traditional and modern image encryption algorithms under realistic ambience	Malik, Anjali; Gupta, Shailender; Dhall, Sangeeta	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Mar-20	1573-7721	10.1007/s11042-020-09279-6



224	Beamforming and combining for multi-user large MIMO communication system	Arti, M. K.; Rani, Pratibha; Dimri, Pradeep Kumar; Vashishath, Munish	Electronics Engineering	IET COMMUNICATIONS	Mar-20	1751-8636	10.1049/iet-com.2019.0762
225	Development of a Markov chain based tool for studying effectiveness of Vendor Managed Inventory and result analysis from a pilot study	Jyoti; Gupta, Neetu	Mathematics	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	Mar-20	0973-7677	10.1007/s12046-020-1298-3
226	Dynamic Query Processing for Hidden Web Data Extraction From Academic Domain	Ahuja, Babita; Pillai, Anuradha; Punj, Deepika; Verma, Jyoti	Computer Engineering	JOURNAL OF WEB ENGINEERING	Mar-20	1544-5976	10.13052/jwe1540-9589.19782
227	Heteroarylodonium(III) Salts as Highly Reactive Electrophiles	Takenaga, Naoko; Kumar, Ravi; Dohi, Toshifumi	Chemistry	FRONTIERS IN CHEMISTRY	Mar-20	2296-2646	10.3389/fchem.2020.599026
228	HPM: A Hybrid Model for User's Behavior Prediction Based on N-Gram Parsing and Access Logs	Setia, Sonia; Jyoti, Verma; Duhan, Neelam	Computer Engineering	SCIENTIFIC PROGRAMMING	Mar-20	1875-919X	10.1155/2020/8897244
229	Hypervalent Iodine(III) Mediated Synthesis of 3-(beta-Styryl)-2,1-benzisoxazoles and 3-(beta-Hetaryl)vinyl-2,1-benzisoxazoles	Kumar, Ravi; Bhardwaj, Vikas; Prakash, Om	Chemistry	INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY	Mar-20	0971-1627	
230	IPv6 Addressing Scheme with a Secured Duplicate Address Detection	Kumar, Gyanendra; Tomar, Parul	Computer Engineering	IETE JOURNAL OF RESEARCH	Mar-20	0974-780X	10.1080/03772063.2020.1756938
231	Upgrading of microalgal consortia with CO <sub>2</sub> from fermentation of wheat straw for the phycoremediation of domestic wastewater	Sharma, Jyoti; Kumar, Smita S.; Kumar, Vivek; Malyan, Sandeep K.; Mathimani, Thangavel; Bishnoi, Narsi R.; Pugazhendhi, Arivalagan	Environmental Sciences	BIORESOURCE TECHNOLOGY	Mar-20	1873-2976	10.1016/j.biortech.2020.123063
232	A Novel Stream Processing Framework For Faster Data Processing	Kamal Kumar Ranga and Chander Kumar Nagpal	Computer Engineering	Advances and Applications in Mathematical Sciences	Apr-2020	0974-6803	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerak/kamal_ckn_Jonerak_131.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerak/kamal_ckn_Jonerak_131.pdf</a>
233	A selenium-coordinated palladium(ii)trans-dichloride molecular rotor as a catalyst for site-selective annulation of 2-arylimidazo[1,2-a]pyridines	Meena, Neha; Sharma, Shobha; Bhatt, Ramprasad; Shinde, Vikki N.; Sunda, Anurag Prakash; Bhuvanesh, Nattamai; Kumar, Anil; Joshi, Hemant	Chemistry	CHEMICAL COMMUNICATIONS	Apr-20	1364-548X	10.1039/d0cc03599h
234	AN ANALYSIS OF HR ASPECTS OF MERGER AND ACQUISITION IN BANKING SECTOR	Dr Manisha Goal, Nidhi Aggarwal	Management Studies	Pacific Business Review International	Apr-2020	0974-438X	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerak/20200810_183025_Jonerak_105.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerak/20200810_183025_Jonerak_105.jpg</a>

235	Cell density, Lipidomic profile, and fatty acid characterization as selection criteria in bioprospecting of microalgae and cyanobacterium for biodiesel production	Shanmugam, Sabarathinam; Mathimani, Thangavel; Anto, Susaimanickam; Sudhakar, M. P.; Kumar, Smita S.; Pugazhendhi, Arivalagan	Environmental Sciences	BIORESOURCE TECHNOLOGY	Apr-20	1873-2976	10.1016/j.biortech.2020.123061
236	Comparative deflection analysis of conical compression spring with standard constant rate helical spring	Akanksha Mishra	Mechanical Engineering	IOP Conference Series Materials Science and Engineering	Apr-2020	1797-899X	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/IOPJournal_Jonerat_177.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/IOPJournal_Jonerat_177.jpg</a>
237	Design and Analysis of Multi Junction Solar Photovoltaic Cell with Graphene as an Intermediate Layer	Chawla, Rashmi; Singhal, Poonam; Garg, Amit Kumar	Electrical Engineering	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	Apr-20	1533-4899	10.1166/jnn.2020.17512
238	Design of iso-material heterostructures of TiO <sub>2</sub> via seed mediated growth and arrested phase transitions	De, Deb Sankar; Behara, Dilip Kumar; Saha, Sulay; Kumar, Arun; Subramaniam, Anandh; Sivakumar, Sri; Pala, Raj Ganesh S.	Physics	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Apr-20	1463-9084	10.1039/d0cp01300e
239	Design, Implementation, and Evaluation of Modern Approaches for the Augmentation of QoS in Medical Body Sensor Network	Kathuria, Madhumita; Gambhir, Sapna	Computer Engineering	AD HOC & SENSOR WIRELESS NETWORKS	Apr-20	1552-0633	
240	Halogen-Induced Controllable Cyclizations as Diverse Heterocycle Synthetic Strategy	China, Hideyasu; Kumar, Ravi; Kikushima, Kotaro; Dohi, Toshifumi	Chemistry	MOLECULES	Apr-20	1420-3049	10.3390/molecules25246007
241	Implementation and comparison of topic modeling techniques based on user reviews in e-commerce recommendations	Dimple Chehal, Parul Gupta, Payal Gulati	Computer Engineering	Journal of Ambient Intelligence and Humanized Computing	Apr-2020	1868-5137 / 1868-514	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/scie_proof_Jonerat_1457.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/scie_proof_Jonerat_1457.jpg</a>
242	KDFBA: key distribution through fingerprint based authentication using Mobile agent	Kumar, Umesh; Gambhir, Sapna	Computer Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Apr-20	1573-7721	10.1007/s11042-020-08614-1
243	Performance Analysis of Branching Particle Filter for Moving Object Tracking and Anomaly Detection	Neetu gupta, Munish Vashishath, Rajiv Kapoor	Electronics Engineering	IJFGCN	Apr-2020	2613-5817	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/ijfgcn_Jonerat_201.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/ijfgcn_Jonerat_201.jpg</a>
244	Performance evaluation of SCM-WDM-HAN communication link using millimeter waves in the presence of XPM	Singh, Vikram; Kumar, Sarvesh; Dimri, Pradeep Kumar	Electronics Engineering	OPTIK	Apr-20	1618-1336	10.1016/j.ijleo.2020.164580

245	Rank order clustering and imperialist competitive optimization based cost and RAM analysis on different industrial sectors	Kumar, Sanjeev; Singh, Ruchika	Mechanical Engineering	JOURNAL OF MANUFACTURING SYSTEMS	Apr-20	1878-6642	10.1016/j.jmsy.2020.07.014
246	The nonlinear wave in semiconductor quantum plasma for laser beam in a self-consistent plasma channel	Rani, Neelam; Yadav, Manikant; Mathur, Y. K.	Physics	PHYSICS LETTERS A	Apr-20	1873-2429	10.1016/j.physleta.2019.126188
247	A 10 nm Asymmetric Graphene-Rhenium Disulfide Field-Effect Transistor for High-Speed Application	Chawla, Rashmi; Singhal, Poonam; Garg, Amit Kumar	Electrical Engineering	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	May-20	1862-6319	10.1002/pssa.201900450
248	A Novel Flat Friction Stir Spot Welding of Triple Sheet Dissimilar Aluminium Alloys: Analyzing Mechanical Properties and Residual Stresses at Weld Region	Jambhale, Sachin; Kumar, Sudhir; Kumar, Sanjeev	Mechanical Engineering	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	May-20	0975-1645	10.1007/s12666-020-02025-4
249	A study of effects of relationship marketing strategies on Customer satisfaction Public and Private sector banks in India	Dr. Rachna Agrawal, Mrs. Rupali Madan	Management Studies	Pacific Business Review International	May-2020	0974-438X	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/AStudyofEffectsofRelationshipMarketingStrategiesonCustomersatisfaction_Joneral_107.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/AStudyofEffectsofRelationshipMarketingStrategiesonCustomersatisfaction_Joneral_107.pdf</a>
250	Chemically functionalized graphene oxide thin films for selective ammonia Gas sensing	Kumar, Ravi; Singh, Rakesh; Kumar, Anil; Kashyap, Rajesh; Kumar, Dinesh; Kumar, Mukesh	Chemistry	MATERIALS RESEARCH EXPRESS	May-20	2053-1591	10.1088/2053-1591/ab66f1
251	Comparative Measurements of Physical and Mechanical Properties of AA6082 Based Composites Reinforced with B4C and SiC Particulates Produced via Stir Casting	Singh, Gurpreet; Sharma, Neeraj; Goyal, Sanjeev; Sharma, Rakesh Chandmal	Mechanical Engineering	METALS AND MATERIALS INTERNATIONAL	May-20	2005-4149	10.1007/s12540-020-00666-0
252	Dealing with Pure New User Cold-Start Problem in Recommendation System Based on Linked Open Data and Social Network Features	Yadav, Usha; Duhan, Neelam; Bhatia, Komal Kumar	Computer Engineering	MOBILE INFORMATION SYSTEMS	May-20	1875-905X	10.1155/2020/8912065
253	Effect of electric vehicles on load frequency control in interconnected thermal and hydrothermal power systems utilising CF-FOIDF controller	Y. Arya	Electrical Engineering	IET Generation, Transmission and Distribution	May-2020	1751-8695	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/30_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/30_Joneral_8079.pdf</a>

254	Efficient Query Keyword Interpretation for Semantic Information Retrieval	Sonia Setia, Jyoti, Neelam Duhan	Computer Engineering	THE IIOAB Journal	May-2020	0976-3104	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/IIOABJ_ESCI_Efficient_Query_Keyword_Interpretation_for_Semantic_Information_Retrieval_Joneral_136.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/IIOABJ_ESCI_Efficient_Query_Keyword_Interpretation_for_Semantic_Information_Retrieval_Joneral_136.pdf</a>
255	Improved ECG Watermarking Technique Using Curvelet Transform	Goyal, L.M. Mittal, M. Kaushik, R. Verma, A. Kaur, I. Roy, S. Kim, T.-H.	Computer Engineering	Sensors 2020	May-2020	1424-8220	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/ImprovedECG1_Joneral_3602.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/ImprovedECG1_Joneral_3602.pdf</a>
256	Ionic liquid induced removal of Rhodamine B from water	Kumar, Vinod; Singh, Manjeet; Behera, Kamalakanta; Pandey, Siddharth	Chemistry	JOURNAL OF MOLECULAR LIQUIDS	May-20	1873-3166	10.1016/j.molliq.2020.114195
257	Optimal Statistical Feature Subset Selection for Bearing Fault Detection and Severity Estimation	Grover, Chhaya; Turk, Neelam	Electronics Engineering	SHOCK AND VIBRATION	May-20	1875-9203	10.1155/2020/5742053
258	Performance enhancement of grid-interfaced inverter using intelligent controller	Kakkar, Sushma; Ahuja, Rajesh Kumar; Maity, Tanmoy	Electrical Engineering	MEASUREMENT & CONTROL	May-20	2051-8730	10.1177/0020294019879171
259	A new approach to identify similar users based on customer reviews, IOP Conf. Ser. Mater. Sci. Eng., vol. 804, no. 1, 2020	Dimple Chehal, Parul Gupta, Payal Gulati	Computer Engineering	IOP Conference Series Materials Science and Engineering	Jun-2020	1757-8981	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/Chehal_2020_IOP_Conf_Joneral_116.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/Chehal_2020_IOP_Conf_Joneral_116.pdf</a>
260	Development of hierarchical magnesium oxide anchored cerium oxide nanocomposites with improved magnetic properties and photocatalytic performance	Rani, Neha; Chahal, Surjeet; Mahadevan, Santhosh Kumar; Kumar, Parmod; Shukla, Rajni; Singh, S. K.	Physics	NANOTECHNOLOGY	Jun-20	1361-6528	10.1088/1361-6528/ab96e8
261	Effect of Ammonia Based Deprotonation on the variable range hopping conduction in Polypyrrole Nanotubes	Rawal, Ishpal; Goyal, Parveen K.	Physics	SOLID STATE SCIENCES	Jun-20	1873-3085	10.1016/j.solidstatesciences.2019.105984
262	Enhanced Resistive Switching Effect in Ag Nanoparticles Embedded in Graphene Oxide Thin Film	Singh, Rakesh; Kumar, Ravi; Kumar, Anil; Kumar, Dinesh; Kumar, Mukesh	Chemistry	JOURNAL OF ELECTRONIC MATERIALS	Jun-20	1543-186X	10.1007/s11664-020-08207-6
263	Generalization of Szasz-Mirakjan-Kantorovich operators using multiple Appell polynomials	Swarup, Chetan; Gupta, Pooja; Dubey, Ramu; Mishra, Vishnu Narayan	Mathematics	JOURNAL OF INEQUALITIES AND APPLICATIONS	Jun-20	1029-242X	10.1186/s13660-020-02423-8

264	Impact of Financial Leverage on Dividend in case of Private Indian Banks	Dr Manisha Goel, Dr Ruchi Mangla	Management Studies	Pacific Busniess Review International	Jun-2020	0974 438X	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/PBRljune2020_Jonerat105.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/PBRljune2020_Jonerat105.pdf</a>
265	Morphological classification of galaxies using Conv-nets	Goyal, Lalit Mohan; Arora, Maanak; Pandey, Tushar; Mittal, Mamta	Chemistry	EARTH SCIENCE INFORMATICS	Jun-20	1865-0481	10.1007/s12145-020-00526-w
266	New class of G-Wolfe-type symmetric duality model and duality relations under Gf-bonvexity over arbitrary cones	Dubey, Ramu; Kumar, Arvind; Ali, Rifaqat; Mishra, Lakshmi Narayan	Mathematics	JOURNAL OF INEQUALITIES AND APPLICATIONS	Jun-20	1029-242X	10.1186/s13660-019-2279-0
267	Numerical modelling of the potential inside the cylindrical shaped nanocrystallite metal oxide semiconductors and its effect on gas sensor response	Kumar, Anil; Kumar, Ravi; Kumar, Rakesh; Prasad, B.; Kumar, Dinesh; Kumar, Mukesh	Chemistry	MATERIALS RESEARCH EXPRESS	Jun-20	2053-1591	10.1088/2053-1591/ab834c
268	Room temperature ammonia gas sensor using Meta Toluic acid functionalized graphene oxide	Kumar, Ravi; Kumar, Anil; Singh, Rakesh; Kashyap, Rajesh; Kumar, Rajiv; Kumar, Dinesh; Sharma, Satinder K.; Kumar, Mukesh	Chemistry	MATERIALS CHEMISTRY AND PHYSICS	Jun-20	1879-3312	10.1016/j.matchemphys.2019.121922
269	Selective room temperature ammonia gas detection using 2-amino pyridine functionalized graphene oxide	Kumar, Ravi; Kumar, Anil; Singh, Rakesh; Kashyap, Rajesh; Kumar, Rajiv; Kumar, Dinesh; Kumar, Mukesh	Chemistry	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	Jun-20	1873-4081	10.1016/j.mssp.2020.104920
270	Temperature sensitivity analysis of inner-gate engineered JL-SiNT-FET: An Analog/RF prospective	Tayal, Shubham; Mittal, Vikas; Jadav, Sunil; Gupta, Shikhar; Nandi, Ashutosh; Krishan, Bal	Electronics Engineering	CRYOGENICS	Jun-20	1879-2235	10.1016/j.cryogenics.2020.103087
271	A scheme for reduction in harmonics and establish the stability of hybrid system connected in grid	Malik, Manisha; Sharma, P. R.	Electrical Engineering	AIN SHAMS ENGINEERING JOURNAL	Jul-20	2090-4495	10.1016/j.asej.2020.02.013
272	An Effort Estimation Model for Agile Software Development Using Machine Learning In Healthcare	Shanu Verma, Rasmi Popli, Harish Kumar	Computer Engineering	International Journal of Disaster Recovery and Business Continuity	Jul-2020	2005-4289	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/Harish_Jonerat_137.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/Harish_Jonerat_137.pdf</a>
273	An emotional health perspective of Indians on Twitter	Dimple Chehal, Parul Gupta, Payal Gulati	Computer Engineering	International Journal of Social Psychiatry	Jul-2020	0020-7640	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/sscie_proof_Jonerat_1457.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/sscie_proof_Jonerat_1457.jpg</a>
274	An integrated service model to support user specific QoS routing in cognitive radio ad hoc network	Hardik Dhingra. Gagan, Rashmi Chawla, Shailender Gupta	Electronics Engineering	Peer-to-Peer Networking and Applications	Jul-2020	1936-6450	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/ppna_Jonerat_204.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/ppna_Jonerat_204.jpg</a>

275	Assimilation of Yb defect states in ZnO: Structural, optical and magnetic investigations	Sharma, Dharendra Kumar; Varshney, Mayora; Shukla, Sweta; Sharma, Kapil Kumar; Kumar, Vipin; Sharma, Anuradha	Physics	VACUUM	Jul-20	0042-207X	10.1016/j.vacuum.2020.109522
276	Chitosan embedded with Ag/Au nanoparticles: investigation of their structural, optical and sensing properties	Meena; Sharma, Annu; Kumar, Rajiv; Ram, Sita; Sharma, Pawan K.	Chemistry	JOURNAL OF POLYMER RESEARCH	Jul-20	1572-8935	10.1007/s10965-020-02233-y
277	Exploration of low-cost agro-industrial waste substrate for cellulase and xylanase production using Aspergillus heteromorphus	Bajar, Somvir; Singh, Anita; Bishnoi, Narsi R.	Environmental Sciences	APPLIED WATER SCIENCE	Jul-20	2190-5495	10.1007/s13201-020-01236-w
278	Image Watermarking in Curvelet Domain Using Edge Surface Blocks	Mittal, Mamta; Kaushik, Ranjeeta; Verma, Amit; Kaur, Iqbaldeep; Goyal, Lalit Mohan; Roy, Sudipta; Kim, Tai-hoon	Computer Engineering	SYMMETRY-BASEL	Jul-20	2073-8994	10.3390/sym12050822
279	Integrating layered recurrent ANN with robust control strategy for diverse operating conditions of AGC of the power system	G. Sharma, A. Panwar, Y. Arya, and M. Kumavat	Electrical Engineering	IET Generation, Transmission and Distribution	Jul-2020	1751-8687	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerall/09181765_Jonerall_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerall/09181765_Jonerall_8079.pdf</a>
280	Lead Toxicity: Health Hazards, Influence on Food Chain, and Sustainable Remediation Approaches	Kumar, Amit; Amit Kumar; Cabral-Pinto, M. M. S.; Chaturvedi, Ashish K.; Shabnam, Aftab A.; Subrahmanyam, Gangavarapu; Mondal, Raju; Gupta, Dipak Kumar; Malyan, Sandeep K.; Kumar, Smita S.; Khan, Shakeel A.; Yadav, Krishna K.	Environmental Sciences	International journal of Environmental Research and Public Health	Jul-20	1660-4601	10.3390/ijerph17072179
281	Nondifferentiable Multiobjective Programming Problem under Strongly K-G(f)-Pseudoinvexity Assumptions	Dubey, Ramu; Mishra, Lakshmi Narayan; Sanchez Ruiz, Luis Manuel; Sarwe, Deepak Umrao	Mathematics	MATHEMATICS	Jul-20	2227-7390	10.3390/math8050738
282	Obtaining the tunable band-notch in ultrawideband THz antenna using graphene nanoribbons	Sharma, Taruna; Varshney, Gaurav; Yaduvanshi, Rajveer Singh; Vashishath, Munish	Electronics Engineering	OPTICAL ENGINEERING	Jul-20	1560-2303	10.1117/1.OE.59.4.047103

283	Oxygen-deficient lanthanum doped cerium oxide nanoparticles for potential applications in spintronics and photocatalysis	Chahal, Surjeet; Singh, Saurabh; Kumar, Ashok; Kumar, Parmod	Physics	VACUUM	Jul-20	1879-2715	10.1016/j.vacuum.2020.109395
284	Pb <sup>2+</sup> and Cd <sup>2+</sup> recovery from water using residual tea waste and SiO <sub>2</sub> @TW nanocomposites	Joshi, Seema; Kataria, Navish; Garg, V. K.; Kadirvelu, K.	Environmental Sciences	CHEMOSPHERE	Jul-20	1879-1298	10.1016/j.chemosphere.2020.127277
285	Semantic Web Mining by combining Convolutional Neural Network and LSTM for knowledge Discovery in Stock Market	Jyoti Verma, Anuradha Pillai	Computer Engineering	Gedrag Organisatie	Jul-2020	0921-5077	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerel/GOJ-2034_Jonerel_136.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerel/GOJ-2034_Jonerel_136.jpg</a>
286	Spatial dynamics of predator-prey system with hunting cooperation in predators and type I functional response	Singh, Teekam; Dubey, Ramu; Mishra, Vishnu Narayan	Mathematics	AIMS MATHEMATICS	Jul-20	2473-6988	10.3934/math.2020045
287	Switchable Graphene-Based Bioelectronics Interfaces	Choudhary, Meenakshi; Shukla, Sudheesh K.; Narang, Jagriti; Kumar, Vinod; Govender, Penny P.; Niv, Avi; Hussain, Chaudhery Mustansar; Wang, Rui; Mangla, Bindu; Babu, Rajendran Suresh	Chemistry	CHEMOSENSORS	Jul-20	2227-9040	10.3390/chemosensors8020045
288	Implications of Thermal Cyclic Loading on Pile Group Behavior	Sarma, Kethan; Saggi, Rajni	Civil Engineering	JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING	Aug-20	1943-5606	10.1061/(ASCE)GT.1943-5606.0002363
289	Optimal automatic generation control with hydro, thermal, gas and wind power plants in 2-area interconnected power system	N. Hakimuddin, I. Nasiruddin, T. S. Bhatti, and Y. Arya	Electrical Engineering	Electric Power Components and Systems	Aug-2020	1532-5016	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerel/10_Jonerel_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerel/10_Jonerel_8079.pdf</a>
290	Role of Emotional Intelligence on Job Performance in IT Sector	Himanshu, Manisha Goel, Dr. Chavi Bhargav Sharma	Management Studies	PBRI	Aug-2020	0974-438X	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerel/EmotionalPBRIaug2020_Jonerel_105.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerel/EmotionalPBRIaug2020_Jonerel_105.jpg</a>
291	Interrelationship between Factors Affecting Online Shopping of Electronic Products	Manisha Yadav, Dr Manisha Goel	Management Studies	Pacific Business Review International	Sep-2020	0974 438X	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerel/pbrionlinesep2020_Jonerel_105.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerel/pbrionlinesep2020_Jonerel_105.jpg</a>

292	MgO nanostructures at different annealing temperatures for d(0) ferromagnetism	Rani, Neha; Chahal, Surjeet; Kumar, Parmod; Kumar, Anand; Shukla, Rajni; Singh, S. K.	Physics	VACUUM	Sep-20	0042-207X	10.1016/j.vacuum.2020.109539
293	Quantification of radon/thoron exhalation rates of soil samples collected from district Faridabad of Southern Haryana, India	Singh, Bhupender; Kant, Krishan; Garg, Maneesha; Sahoo, B. K.	Physics	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	Sep-20	1588-2780	10.1007/s10967-020-07365-5
294	AGC performance amelioration in multi-area interconnected thermal and thermal-hydro-gas power systems using a novel controller	Y. Arya, P. Dahiya, E. elik, G. Sharma, H. Gzde, and I. Nasiruddin	Electrical Engineering	Engineering Science and Technology, an International Journal	Oct-2020	2215-0986	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/Jestech_Jonerat_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/Jestech_Jonerat_8079.pdf</a>
295	An improved bit plane image encryption technique using RC4 and quantum chaotic demeanour	Anjali Malik ,Shailender Gupta	Electronics Engineering	Multimedia Tools and Applications	Oct-2020	1573-7721	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/p18_Jonerat_200.jpg">https://jcboseustymca.co.in/StaffDocument/Jonerat/p18_Jonerat_200.jpg</a>
296	Critical ranking of steam handling unit using integrated cloud model and extended PROMETHEE for maintenance purpose	Nitin Panwar, Sanjeev Kumar	Mechanical Engineering	Complex and Intelligent Systems	Oct-2020	2199-4536	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/Complexandintelligentsystems_Jonerat_196.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/Complexandintelligentsystems_Jonerat_196.pdf</a>
297	Implementation of Machine Learning Based Task Allocation in Distributed Agile Software Development	Dr. Rashmi Popli, Madan Singh	Computer Engineering	International Journal of Grid and Distributed Computing	Oct-2020	2005 - 4262	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/Paperesci_Jonerat_132.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/Paperesci_Jonerat_132.pdf</a>
298	Effect of dilute co-doping of Ni and Cr on physical properties of TiO2 nanoparticles	Kumar, Anand; Kashyap, Manish K.; Kumar, Sarvesh; Kumar, Parmod; Asokan, K.	Physics	VACUUM	Nov-20	1879-2715	10.1016/j.vacuum.2020.109658
299	Elastic waves at the plane interface of swelling porous half-space and viscoelastic half-space with voids	Goyal, Suraj; Bhagwan, Jai; Tomar, S. K.	Mathematics	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	Dec-20	1879-2162	10.1016/j.ijmecsci.2020.105942
300	Frequency stabilization in deregulated energy system using coordinated operation of fuzzy controller and redox flow battery	M. Sharma, S. Dhundhara, Y. Arya, and S. Prakash	Electrical Engineering	International Journal of Energy Research	Dec-2020	1099-114X	<a href="https://jcboseustymca.co.in/StaffDocument/Jonerat/IJER_Jonerat_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Jonerat/IJER_Jonerat_8079.pdf</a>
301	A Versatile Ultra-Wideband Radio Sensor for Early Stage Detection of Breast Cancer	Sharma, Taruna; Vashishath, Munish; Vasisht, Parikshit; Khan, Amber; Uddin, Moin; Yaduvanshi, Rajveer Singh	Electronics Engineering	MAPAN-JOURNAL OF METROLOGY SOCIETY OF INDIA	Jan-21	0974-9853	10.1007/s12647-021-00473-x



302	Characterization and Optimization of Flat Friction Stir Spot Welding of Triple Sheet Dissimilar Aluminum Alloy Joints	Sanjeev Kumar	Mechanical Engineering	Silicon	Jan-2021	1876-9918	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/SILICON_Joneral_364.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/SILICON_Joneral_364.pdf</a>
303	Frequency excursion mitigation strategy using a novel COA optimised fuzzy controller in wind integrated power systems	M. Sharma, S. Dhundhara, Y. Arya, and S. Prakash	Electrical Engineering	IET Renewable Power Generation	Jan-2021	1752-1424	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/IET-RPG_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/IET-RPG_Joneral_8079.pdf</a>
304	Investigation of crystal structure, dielectric properties, impedance spectroscopy and magnetic properties of (1-x)BaTiO <sub>3</sub> & ndash; (x)Ba <sub>0.9</sub> Ca <sub>0.1</sub> Fe <sub>12</sub> O <sub>19</sub> multiferroic composites	Kumari, Anand; Sanghi, Sujata; Agarwal, Ashish; Singh, Ompal	Physics	CERAMICS INTERNATIONAL	Jan-21	1873-3956	10.1016/j.ceramint.2021.04.311
305	Management of banana crop waste biomass using vermicomposting technology	Mago, Monika; Yadav, Anoop; Gupta, Renuka; Garg, V. K.	Environmental Sciences	BIORESOURCE TECHNOLOGY	Jan-21	1873-2976	10.1016/j.biortech.2021.124742
306	Multilayered highly secure authentic watermarking mechanism for medical applications	Dhall, Sangeeta; Gupta, Shailender	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Jan-21	1573-7721	10.1007/s11042-021-10531-w
307	Performance Analysis of Electric Vehicle Based On Various Working Scenarios	sakshi bangia, rupali sinha	Electrical Engineering	International Transaction Journal of Engineering, Management, Applied Sciences Technologies	Jan-2021	2228-9860	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/12A1R_Joneral_157.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/12A1R_Joneral_157.pdf</a>
308	Remediation strategies for mitigation of phthalate pollution: Challenges and future perspectives	Das, Mihir Tanay; Kumar, Smita S.; Ghosh, Pooja; Shah, Goldy; Malyan, Sandeep K.; Bajar, Somvir; Thakur, Indu Shekhar; Singh, Lakhveer	Environmental Sciences	JOURNAL OF HAZARDOUS MATERIALS	Jan-21	1873-3336	10.1016/j.jhazmat.2020.124496
309	Suitability assessment of dumpsite soil biocover to reduce methane emission from landfills under interactive influence of nutrients	Bajar, Somvir; Singh, Anita; Kaushik, C. P.; Kaushik, Anubha	Environmental Sciences	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	Jan-21	1614-7499	10.1007/s11356-020-10441-8
310	TINB: a topical interaction network builder from WWW	Srivastava, Atul; Pillai, Anuradha; Punj, Deepika; Solanki, Arun; Nayyar, Anand	Computer Engineering	WIRELESS NETWORKS	Jan-21	1572-8196	10.1007/s11276-020-02469-y

311	Understanding the role of Ni ions on the photocatalytic activity and dielectric properties of hematite nanostructures: An experimental and DFT approach	Suman; Chahal, Surjeet; Singh, Saurabh; Goel, Pratibha; Kumar, Ashok; Singh, Ompal; Kumar, Parmod	Physics	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	Jan-21	1879-2553	10.1016/j.jpccs.2021.110118
312	Assessment of diverse image encryption mechanisms under prevalent invasion	Malik, Anjali; Jadav, Sunil; Gupta, Shailender	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Feb-21	1573-7721	10.1007/s11042-021-10670-0
313	Cascade-I-lambda-D-lambda-N controller design for AGC of thermal and hydro-thermal power systems integrated with renewable energy sources	Y. Arya, N. Kumar, P. Dahiya, G. Sharma, E. elik, S. Dhundhara, and M. Sharma	Electrical Engineering	IET Renewable Power Generation	Feb-2021	1752-1424	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/rpg2_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/rpg2_Joneral_8079.pdf</a>
314	Characterization and modeling of thermal protective fabrics under Molotov cocktail exposure	Mandal, Sumit; Song, Guowen; Rossi, Rene M.; Grover, Indu B.	Computer Engineering	JOURNAL OF INDUSTRIAL TEXTILES	Feb-21	1530-8057	10.1177/1528083720984973
315	DEVELOPMENT AND ANALYSIS OF INVERTED-V MPPT TECHNIQUE FOR PHOTOVOLTAIC SYSTEM	Sheilza Jain, Megha Chambyal	Electronics Engineering	Information Technology in Industry	Feb-2021	2204-0595	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/35_Megha_paper_ITII_ESCI-1_Joneral_202.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/35_Megha_paper_ITII_ESCI-1_Joneral_202.pdf</a>
316	Dimensions Influencing Consumer Purchase Intention Towards Organic Personal Care Products	Minakshi Sharma, Dr Manisha Goel, Dr Rajiv Sindwani	Management Studies	Pacific Busniess Review International	Feb-2021	0974 438X	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/pbriorganicfeb2021firstpage_Joneral_105.jpg">https://jcboseustymca.co.in/StaffDocument/Joneral/pbriorganicfeb2021firstpage_Joneral_105.jpg</a>
317	Enhancing the Hydrogen Evolution Properties of Kesterite Absorber by Si-Doping in the Surface of CZTS Thin Film	Vishwakarma, Manoj; Kumar, Mukesh; Hendrickx, Mylene; Hadermann, Joke; Singh, Aadesh P.; Batra, Yogita; Mehta, B. R.	Physics	ADVANCED MATERIALS INTERFACES	Feb-21	2196-7350	10.1002/admi.202002124
318	Heuristic optimization based dynamic weighted state feedback approach for 2DOF PI-controller in automatic voltage regulator	Eke, Ibrahim; Saka, Mustafa; Gozde, Haluk; Arya, Yogendra; Taplamacioglu, M. Cengiz	Electrical Engineering	ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH	Feb-21	2215-0986	10.1016/j.jestch.2020.12.023
319	High speed RLC equivalent RC delay model using normalized asymptotic function for global VLSI interconnects	Jadav, Sunil; Tayal, Shubham; Chandel, Rajeevan; Vashishath, Munish	Electronics Engineering	MICROELECTRONICS JOURNAL	Feb-21	1879-2391	10.1016/j.mejo.2020.104941
320	Identifying brain regions contributing to Alzheimer's disease using self regulating particle swarm optimization	Ganotra, Reema; Dora, Shirin; Gupta, Shailender	Electronics Engineering	INTERNATIONAL JOURNAL OF IMAGING SYSTEMS AND TECHNOLOGY	Feb-21	1098-1098	10.1002/ima.22458

321	Progress in [F-18]Fluorination by Using Aryliodonium(III) Compounds and Application for PET Tracer Syntheses	Kikushima, Kotaro; Kumar, Ravi; Dohi, Toshifumi	Chemistry	MINI-REVIEWS IN ORGANIC CHEMISTRY	Feb-21	1875-6298	10.2174/1570193X17999200629155733
322	QUADROTORS IN THE PRESENT ERA A REVIEW	Ritika Thusoo, Sheilza Jain, Sakshi Bangia	Electrical Engineering	INFORMATION TECHNOLOGY IN INDUSTRY	Feb-2021	2203-1731	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/ITI_Joneral_157.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/ITI_Joneral_157.pdf</a>
323	Sintering time dependent structural and magnetic phase transformations in Pr doped BiFeO3 multiferroics	Singh, Ompal; Kumar, Arun; Kumar, Kaushal; Agarwal, Ashish; Sanghi, Sujata	Physics	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	Feb-21	1873-4766	10.1016/j.jmmm.2020.167412
324	A multilevel secure information communication model for healthcare systems	Panwar, Priya; Dhall, Sangeeta; Gupta, Shailender	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Mar-21	1573-7721	10.1007/s11042-020-10083-5
325	Are the concerns destroying mental health of college students?: A qualitative analysis portraying experiences amidst COVID-19 ambiguities	Gupta, Riya; Agrawal, Rachna	Management	ANALYSES OF SOCIAL ISSUES AND PUBLIC POLICY	Mar-21	1530-2415	10.1111/asap.12232
326	Elicitation of Scattering Parameters of Dual-halo Dual-dielectric Triple-material Surrounding Gate (DH-DD-TM-SG) MOSFET for Microwave Frequency Applications	Neeraj GUPTA, Prashant KUMAR	Electronics Engineering	ADVANCES IN ELECTRICAL AND ELECTRONIC ENGINEERING	Mar-2021	1336-1376	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/3788-488493462-1-PB_Joneral_206.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/3788-488493462-1-PB_Joneral_206.pdf</a>
327	Impact of ultra-capacitor and redox flow battery with Jaya optimization for frequency stabilization in linked photovoltaic-thermal system	G. Sharma, N. Krishnan, Y. Arya, and A. Panwar	Electrical Engineering	International Transactions on Electrical Energy Systems	Mar-2021	2050-7038	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/ITEES_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/ITEES_Joneral_8079.pdf</a>
328	Investigating the efficiency of foreign exchange reserves using stochastic frontier analysis: Evidence across the globe	Agrawal, Rachna; Verma, Ashima	Management	International journal of finance and economics	Mar-21	1099-1158	10.1002/ijfe.2482
329	Recent Advances in Ad-Hoc Social Networking: Key Techniques and Future Research Directions	Aneja, Nagender; Gambhir, Sapna	Computer Engineering	WIRELESS PERSONAL COMMUNICATIONS	Mar-21	1572-834X	10.1007/s11277-020-07942-7
330	Special class of G-Wolfe type fractional symmetric duality theorems under G-pseudoinvexity	Ramu Dubey, Arvind Kumar, Pooja Gupta, Shubham Jaiswal and Vishnu Narayan Mishra	Mathematics	Journal of PhysicsConference Series	Mar-2021	1742-6596	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/Jofphysics_Joneral_3563.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/Jofphysics_Joneral_3563.pdf</a>

331	Suspicious Action Detection in Intelligent Surveillance System Using Action Attribute Modelling	Mudgal, Manisha; Punj, Deepika; Pillai, Anuradha	Computer Engineering	JOURNAL OF WEB ENGINEERING	Mar-21	1544-5976	10.13052/jwe1540-9589.2017
332	Temperature effects on pile-soil interface behaviour in the case of piles in sand	Rajni Saggu	Civil Engineering	Proceedings of the Institution of Civil Engineers - Geotechnical Engineering	Mar-21	1751-8563	<a href="https://www.icevirtuallibrary.com/doi/abs/10.1680/jgeen.20.00197">https://www.icevirtuallibrary.com/doi/abs/10.1680/jgeen.20.00197</a>
333	Theoretical and Empirical Analysis of Crime Data	Mudgal, Manisha; Punj, Deepika; Pillai, Anuradha	Computer Engineering	JOURNAL OF WEB ENGINEERING	Mar-21	1544-5976	10.13052/jwe1540-9589.2016
334	A comparison between higher-order nonclassicalities of SUP-engineered coherent and thermal states	Deepak, Arpita Chatterjee	Mathematics	Can. J. Phys.	Apr-2021		<a href="https://jboseustymca.co.in/StaffDocument/Joneral/cjppub_Joneral_3561.pdf">https://jboseustymca.co.in/StaffDocument/Joneral/cjppub_Joneral_3561.pdf</a>
335	COVID-19 pandemic lockdown: An emotional health perspective of Indians on Twitter	Chehal, Dimple; Gupta, Parul; Gulati, Payal	Computer Engineering	INTERNATIONAL JOURNAL OF SOCIAL PSYCHIATRY	Apr-21	1741-2854	10.1177/0020764020940741
336	Deep Segmenter system for recognition of micro cracks in solar cell	Singh, Om Dev; Malik, Anjali; Yadav, Vishakha; Gupta, Shailender; Dora, Shirin	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Apr-21	1573-7721	10.1007/s11042-020-09915-1
337	Dynamics of an Atom Cavity Field System in Interacting Fock Space	Das, P. K.; Chatterjee, Arpita	Physics	INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS	Apr-21	1572-9575	10.1007/s10773-021-04718-y
338	Enhanced Thermomechanical Properties of ZrO <sub>2</sub> Particle Reinforced Epoxy Nanocomposite	Kumar, Kaushal; Ghosh, P. K.; Kumar, Arun; Singh, Ompal	Physics	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	Apr-21	1544-1024	10.1007/s11665-020-05350-3
339	ICA assisted (FTIDN)-D-lambda controller for AGC performance enrichment of interconnected reheat thermal power systems	Arya, Yogendra	Electrical Engineering	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	Apr-21	1868-5145	10.1007/s12652-021-03403-6
340	Impact of Covid19 on electricity load in Haryana (India)	Gulati, Payal; Kumar, Anil; Bhardwaj, Raghav	Computer Engineering	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	Apr-21	1099-114X	10.1002/er.6008

341	Advancement of the search process of salp swarm algorithm for global optimization problems	E. Celik, N. Ozturk, and, Y. Arya	Electrical Engineering	Expert Systems with Applications	May-2021	0957-4174	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/ESA_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/ESA_Joneral_8079.pdf</a>
342	Characterization and Optimization of Flat Friction Stir Spot Welding of Triple Sheet Dissimilar Aluminium Alloy Joints	Jambhale, Sachin; Kumar, Sudhir; Kumar, Sanjeev	Mechanical Engineering	SILICON	May-21	1876-9918	10.1007/s12633-020-00876-6
343	Comparative analysis of XPM induced crosstalk due to 4OD coefficient in SCM-WDM link	Singh, Vikram; Kumar, Sarvesh; Dimri, Pradeep Kumar	Mechanical Engineering	OPTIK	May-21	1618-1336	10.1016/j.ijleo.2021.166924
344	Computational Erosion Wear Model Validation of Particulate Flow Through Mitre Pipe Bend	Parkash, Om; Kumar, Arvind; Sikarwar, Basant Singh	Mechanical Engineering	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	May-21	2191-4281	10.1007/s13369-021-05931-x
345	MPP-MLO: Multilevel Parallel Partitioning for Efficiently Matching Large Ontologies	Yadav, Usha; Duhan, Neelam	Electronics Engineering	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	May-21	0975-1084	
346	Reliable packet transmission in WBAN with dynamic and optimized QoS using multi-objective lion cooperative hunt optimizer	Kathuria, Madhumita; Gambhir, Sapna	Computer Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	May-21	1573-7721	10.1007/s11042-020-10144-9
347	Special Issue on Hypervalent Iodine Reagents in Organic Synthesis	Kumar, Ravi; Dohi, Toshifumi	Chemistry	MINI-REVIEWS IN ORGANIC CHEMISTRY	May-21	1875-6298	10.2174/1570193X1802210210122955
348	(1-plus-PD)-PID cascade controller design for performance betterment of load frequency control in diverse electric power systems	E. elik, N. ztrk, Y. Arya, and C. Ocak	Electrical Engineering	Neural Computing and Applications	Jun-2021	1433-3058	<a href="https://jcboseustymca.co.in/StaffDocument/Joneral/Çelik_Joneral_8079.pdf">https://jcboseustymca.co.in/StaffDocument/Joneral/Çelik_Joneral_8079.pdf</a>
349	Aggregation behavior of a model carbocyanine dye: Polar organic solvent versus ionic liquid mixture	Kumar, Vinod; Pandey, Siddharth; Behera, Kamalakanta	Chemistry	JOURNAL OF MOLECULAR LIQUIDS	Jun-21	1873-3166	10.1016/j.molliq.2020.114985
350	Editorial: New Hypervalent Iodine Reagents for Oxidative Coupling	Dohi, Toshifumi; Han, Jian-Wei; Kumar, Ravi	Chemistry	FRONTIERS IN CHEMISTRY	Jun-21		10.3389/fchem.2021.642889

351	Effect of Surface State Density on Oxygen Chemisorption, Grain Potential and Carrier Concentration for Different Grain Sizes of Nanocrystallite Metal Oxide Semiconductors: A Numerical Modelling Approach	Kumar, Anil; Kumar, Ravi; Singh, Rakesh; Prasad, B.; Kumar, Dinesh; Kumar, Mukesh	Physics	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	Jun-21	2191-4281	10.1007/s13369-020-04630-3
352	Hypervalent Iodine(III)-Mediated Monochlorination of Pyrazolyl Chalcone Analogs	Pooja Ranjan, Richa Prakash , Vishwas Chaudhri, Rashmi Pundeer	Chemistry	Indian J Heterocyclic Chemistry	Jun-2021	0971-1627	<a href="https://jboseustymca.co.in/StaffDocument/Jonerat/2021IJHC31,223-226_Jonerat_307.pdf">https://jboseustymca.co.in/StaffDocument/Jonerat/2021IJHC31,223-226_Jonerat_307.pdf</a>
353	Low power and stable resistive switching in graphene oxide-based RRAM embedded with ZnO nanoparticles for nonvolatile memory applications	Singh, Rakesh; Kumar, Ravi; Kumar, Anil; Kumar, Dinesh; Kumar, Mukesh	Chemistry	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	Jun-21	1573-482X	10.1007/s10854-021-06287-6
354	Silicon Nanowire Parameter Extraction Using DFT and Comparative Performance Analysis of SiNWFET and CNTFET Devices	Singh, B.; Prasad, B.; Kumar, D.	Physics	SEMICONDUCTORS	Jun-21	1090-6479	10.1134/S1063782621010152
355	Towards sustainable agriculture with carbon sequestration, and greenhouse gas mitigation using algal biochar	Mona, Sharma; Malyan, Sandeep K.; Saini, Neha; Deepak, Bansal; Pugazhendhi, Arivalagan; Kumar, Smita S.	Environmental Sciences	CHEMOSPHERE	Jun-21	1879-1298	10.1016/j.chemosphere.2021.129856
356	A deep survey on supervised learning based human detection and activity classification methods	Khan, Muhammad Attique; Mittal, Mamta; Goyal, Lalit Mohan; Roy, Sudipta	Computer Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Jul-21	1573-7721	10.1007/s11042-021-10811-5
357	Android security assessment: A review, taxonomy and research gap study	Garg, Shivi; Baliyan, Niyati	Computer Engineering	COMPUTERS & SECURITY	Jul-21	1872-6208	10.1016/j.cose.2020.102087
358	Comparative analysis of Android and iOS from security viewpoint	Garg, Shivi; Baliyan, Niyati	Computer Engineering	COMPUTER SCIENCE REVIEW	Jul-21	1876-7745	10.1016/j.cosrev.2021.100372
359	Deadly KCN and pricey metal free track for accessing beta-ketonitriles employing mild reaction conditions	Sharma, Pawan K.; Kumar, Rajiv; Ram, Sita; Chandak, Navneet	Chemistry	SYNTHETIC COMMUNICATIONS	Jul-21	1532-2432	10.1080/00397911.2021.1910846
360	Image-based wheat grain classification using convolutional neural network	Lingwal, Surabhi; Bhatia, Komal Kumar; Tomer, Manjeet Singh	Computer Applications	MULTIMEDIA TOOLS AND APPLICATIONS	Jul-21	1573-7721	10.1007/s11042-020-10174-3

361	Investigation of sheet resistance variation with annealing temperature and development of highly sensitive and selective room temperature ammonia gas sensor using functionalized graphene oxide	Kumar, Ravi; Kumar, Anil; Singh, Rakesh; Kashyap, Rajesh; Kumar, Dinesh; Goel, Rajesh; Kumar, Mukesh	Chemistry	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	Jul-21	1573-482X	10.1007/s10854-020-04940-0
362	Methyl ester of Gmelina arborea oil as a substitute for petroleum diesel: an experimental study on its performance and emissions in a diesel engine	Yadav, Ashok Kumar; Khan, Tahir Ali; Khan, Tasmeem Ahmad; Kumar, Sanjeev	Mechanical Engineering	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	Jul-21	1556-7230	10.1080/15567036.2019.1636164
363	Modeling of hot water and steam protective performance of fabrics used in Firefighters' clothing	Mandal, Sumit; Song, Guowen; Grover, Indu Bala	Computer Engineering	FIRE AND MATERIALS	Jul-21	1099-1018	10.1002/fam.2982
364	MQTT protocol employing IOT based home safety system with ABE encryption	Gupta, Vatsal; Khera, Sonam; Turk, Neelam	Electronics Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Jul-21	1573-7721	10.1007/s11042-020-09750-4
365	Plane dilatational and shear waves in a uniformly rotating thermo-viscoelastic material with voids	Goyal, Suraj; Bhagwan, Jai; Kamra, Rabia; Tomar, S. K.	Mathematics	MECHANICS OF ADVANCED MATERIALS AND STRUCTURES	Jul-21	1537-6532	10.1080/15376494.2021.1939204
366	Quantifying Quantum Correlation of Quasi-Werner State and Probing Its Suitability for Quantum Teleportation	Chatterjee, Arpita; Thapliyal, Kishore; Pathak, Anirban	Mathematics	ANNALEN DER PHYSIK	Jul-21	1521-3889	10.1002/andp.202100201
367	SPATIAL PATTERNS DYNAMICS OF A DIFFUSIVE PREDATOR-PREY SYSTEM WITH COOPERATIVE BEHAVIOR IN PREDATORS	Singh, Teekam; Dubey, Ramu	Mathematics	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY	Jul-21	1793-6543	10.1142/S0218348X21500857
368	(1+PD)-PID cascade controller design for performance betterment of load frequency control in diverse electric power systems	Celik, Emre; Ozturk, Nihat; Arya, Yogendra; Ocak, Cemil	Electrical Engineering	NEURAL COMPUTING & APPLICATIONS	Aug-21	1433-3058	10.1007/s00521-021-06168-3
369	A Real-Time Integrated Face Mask Detector to Curtail Spread of Coronavirus	Sethi, Shilpa; Kathuria, Mamta; Kaushik, Trilok	Computer Applications	CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES	Aug-21	1526-1506	10.32604/cmes.2021.014478

370	A review on biochar production techniques and biochar based catalyst for biofuel production from algae	Nguyen Thuy Lan Chi; Anto, Susaimanickam; Ahamed, Tharifkhan Shan; Kumar, Smita S.; Shanmugam, Sabarathinam; Samuel, Melvin S.; Mathimani, Thangavel; Brindhadevi, Kathirvel; Pugazhendhi, Arivalagan	Environmental Sciences	FUEL	Aug-21	1873-7153	10.1016/j.fuel.2020.119411
371	An efficient method of multicolor detection using global optimum thresholding for image analysis	Goyal, Lalit Mohan; Mittal, Mamta; Kumar, Munish; Kaur, Bhavneet; Sharma, Meenakshi; Verma, Amit; Kaur, Iqbaldeep	Computer Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Aug-21	1573-7721	10.1007/s11042-020-10365-y
372	An optimized crawling technique for maintaining fresh repositories	Sethi, Shilpa	Computer Applications	MULTIMEDIA TOOLS AND APPLICATIONS	Aug-21	1573-7721	10.1007/s11042-020-10250-8
373	Analysis of bio-dynamic model of seated human subject and optimization of the passenger ride comfort for three-wheel vehicle using random search technique	Sharma, Rakesh Chandmal; Sharma, Sakshi; Sharma, Sunil Kumar; Sharma, Neeraj; Singh, Gurpreet	Mechanical Engineering	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART K- JOURNAL OF MULTI-BODY DYNAMICS	Aug-21	2041-3068	10.1177/1464419320983711
374	Argon ion implanted CR-39 polymer: Optical and structural characterization	Chhokkar, Preeti; Kumar, V.; Goyal, Parveen K.; Kumar, Shyam; Tomar, A. K.; Gaur, Anurag; Arya, Anil	Physics	OPTICAL MATERIALS	Aug-21	1873-1252	10.1016/j.optmat.2021.111046
375	Bio-synthesized Cu-ZnO hetro-nanostructure for catalytic degradation of organophosphate chlorpyrifos under solar illumination	Pathania, Deepak; Sharma, Arush; Kumar, Smita; Srivastava, Ashok Kumar; Kumar, Ajay; Singh, Lakhveer	Environmental Sciences	CHEMOSPHERE	Aug-21	1879-1298	10.1016/j.chemosphere.2021.130315
376	Characterization and empirical analysis of hot water immersion with compression protective performance of fabrics used in firefighters' clothing	Mandal, Sumit; Batcheller, Jane; Song, Guowen; Grover, Indu Bala	Computer Engineering	TEXTILE RESEARCH JOURNAL	Aug-21	1746-7748	10.1177/0040517520947108
377	Deep neural network features fusion and selection based on PLS regression with an application for crops diseases classification	Saeed, Farah; Khan, Muhammad Attique; Sharif, Muhammad; Mittal, Mamta; Goyal, Lalit Mohan; Roy, Sudipta	Computer Engineering	APPLIED SOFT COMPUTING	Aug-21	1872-9681	10.1016/j.asoc.2021.107164



378	Electrochemical Performance of rGO@ZnCo <sub>2</sub> O <sub>4</sub> Microspheres: Rationally Designed Asymmetric Constructed Wide-Potential Energy Storage Device	Sharma, Meenu; Gaur, Anurag	Physics	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	Aug-21	1945-7111	10.1149/1945-7111/ac15b8
379	Fabrication of activated carbon electrodes derived from peanut shell for high-performance supercapacitors	Pandey, Lokesh; Sarkar, Subhajt; Arya, Anil; Sharma, A. L.; Panwar, Amrisha; Kotnala, R. K.; Gaur, Anurag	Mechanical Engineering	BIOMASS CONVERSION AND BIOREFINERY	Aug-21	2190-6823	10.1007/s13399-021-01701-9
380	FEMT: a computational approach for fog elimination using multiple thresholds	Mittal, Mamta; Kumar, Munish; Verma, Amit; Kaur, Iqbaldeep; Kaur, Bhavneet; Sharma, Meenakshi; Goyal, Lalit Mohan	Computer Engineering	MULTIMEDIA TOOLS AND APPLICATIONS	Aug-21	1573-7721	10.1007/s11042-020-09657-0
381	Prediction of coefficient of consolidation in soil using machine learning techniques	Mittal, Mamta; Satapathy, Suresh Chandra; Pal, Vaibhav; Agarwal, Basant; Goyal, Lalit Mohan; Parwekar, Pritee	Computer Engineering	MICROPROCESSORS AND MICROSYSTEMS	Aug-21	1872-9436	10.1016/j.micpro.2021.103830
382	Prioritization of lower back pain risk factors among industrial workers using the best-worst method	Khan, Noor Zaman; Shihab, Suha K.; Attri, Rajesh; Siddiquee, Arshad Noor; Khan, Zahid A.	Mechanical Engineering	INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS	Aug-21	2376-9130	10.1080/10803548.2019.1600303
383	Role of non-functionalized oxide nanoparticles on mechanical properties and toughening mechanisms of epoxy nanocomposites	Goyat, M. S.; Hooda, Amrita; Gupta, Tejendra K.; Kumar, Kaushal; Halder, Sudipta; Ghosh, P. K.; Dehiya, Brijnandan S.	Physics	CERAMICS INTERNATIONAL	Aug-21	1873-3956	10.1016/j.ceramint.2021.05.083
384	Room Temperature Synthesis of Colossal Magneto-Resistance of La <sub>2</sub> /3Ca <sub>1</sub> /3MnO <sub>3</sub> : Ag-0.10 Composite	Boora, Navjyoti; Ahmad, Rafiq; Rani, Poonam; Maheshwari, Pankaj Kumar; Khosla, Ajit; Bansal, Sonia; Awana, V. P. S.; Hafiz, A. K.	Physics	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	Aug-21	2162-8777	10.1149/2162-8777/abe58d
385	Structural, dielectric and ferroelectric properties of Cu <sup>2+</sup> - and Cu <sup>2+</sup> /Bi <sup>3+</sup> -doped BCZT lead-free ceramics: a comparative study	Kumari, Sapna; Kumar, Amit; Kumar, V.; Dubey, S. K.; Goyal, P. K.; Kumar, Suresh; Sharma, A. L.; Arya, Anil	Physics	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	Aug-21	1573-482X	10.1007/s10854-021-06252-3

386	Swarm-LSTM: Condition Monitoring of Gearbox Fault Diagnosis Based on Hybrid LSTM Deep Neural Network Optimized by Swarm Intelligence Algorithms	Durbhaka, Gopi Krishna; Selvaraj, Barani; Mittal, Mamta; Saba, Tanzila; Rehman, Amjad; Goyal, Lalit Mohan	Computer Engineering	CMC-COMPUTERS MATERIALS & CONTINUA	Aug-21	1546-2226	10.32604/cmc.2020.013131
387	The role of conductive nanoparticles in anaerobic digestion: Mechanism, current status and future perspectives	Kumar, Smita S.; Ghosh, Pooja; Kataria, Navish; Kumar, Deepak; Thakur, Sveta; Pathania, Deepak; Kumar, Vivek; Nasrullah, Mohd; Singh, Lakhveer	Environmental Sciences	CHEMOSPHERE	Aug-21	1879-1298	10.1016/j.chemosphere.2021.130601
388	Using Artificial Neural Network Modeling to Analyze the Thermal Protective and Thermo-Physiological Comfort Performance of Textile Fabrics Used in Oilfield Workers' Clothing	Mandal, Sumit; Mazumder, Nur-Us-Shafa; Agnew, Robert J.; Grover, Indu Bala; Song, Guowen; Li, Rui	Computer Engineering	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	Aug-21	1660-4601	10.3390/ijerph18136991



