

Faculty Research Publication in last 5 Years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal / Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
Process optimization of spirulina microalgae biodiesel synthesis using RSM coupled GA technique: a performance study of a biogaspowered dualfuel engine	Ashok K Yadav	Mechanical engineering	Int. J. of Environ Science and Tech. (Springer)	2023	Electronic ISSN 1735-2630 Print ISSN 1735-1472	https://www.springer.com/journal/13762	https://link.springer.com/article/10.1007/s13762-023-04948-z	Yes (SCI)
Application of machine learning and genetic algorithm for prediction and optimization of Biodiesel Yield from Waste Cooking Oil	Ashok K Yadav	Mechanical engineering	Korean J. of Chem. Engg (Springer)	2023	Electronic ISSN 1975-7220 Print ISSN 0256-1115	https://www.springer.com/journal/11814	https://link.springer.com/article/10.1007/s11814-023-1489-9	Yes (SCI)
Optimization of Cavitation-Assisted Biodiesel Production and Fuel Properties from Neochloris Oleoabundans Microalgae oil using Genetic Algorithm and Response Surface Methodology	Ashok K Yadav	Mechanical engineering	Journal of Process Mechanical Engg. Part E. (SAGE)	2023	ISSN: 0954-4089 Online ISSN: 2041-3009	https://journals.sagepub.com/home/PIE	https://journals.sagepub.com/doi/abs/10.1177/09544089231159832?journalCode=piea	Yes (SCI)
Tribo-Mechanical, Physical, and Thermal Behaviour of Al/Si3N4 composite with and without the Addition of Cu, Ni and Cr Entropy Elements	Ashok K Yadav	Mechanical engineering	Journal of Process Mechanical Engg.: Part E. (SAGE)	2023	ISSN: 0954-4089 Online ISSN: 2041-3009	https://journals.sagepub.com/home/PIE	https://journals.sagepub.com/doi/abs/10.1177/09544089231189663	Yes (SCI)
Combined Effect of Operating Parameters and Nano Particles on Performance of a Diesel Engine: Response Surface Methodology coupled Genetic algorithm Approach	Ashok K Yadav	Mechanical engineering	ACS Omega (American Chemical Society)	2023		https://pubs.acs.org/toc/acsofd/8/27	https://pubs.acs.org/doi/epdf/10.1021/acsomega.3c02782	Yes (SCI)
An environmental impact assessment and optimization study of biodiesel production from microalgae	Ashok K Yadav	Mechanical engineering	Int. Journal of Global Warming (Inderscience)	2023	ISSN online 1758-2091 ISSN print 1758-2083	https://www.inderscience.com/info/ingeneral/forthcoming.php?code=IJGW	https://www.inderscience.com/info/ingeneral/forthcoming.php?code=IJGW	Yes (SCOPUS)
Combined Effect of Operating Parameters and Nanoparticles on the Performance of a Diesel Engine: Response Surface Methodology Coupled Genetic Algorithm Approach	Ashok K Yadav	Mechanical engineering	ACS Omega	2023	Web Edition ISSN: 2470-1343	https://pubs.acs.org/journal/acsofd/ref=pdf	https://doi.org/10.1021/acsomega.3c02782	Yes (SCI)
Experimental Studies on Utilization of Neochloris Oleoabundans Microalgae Biodiesel as an Alternative Fuel for Diesel Engine	Ashok K Yadav	Mechanical engineering	International Journal of Ambient Energy, Taylor & Francis	2023	Print ISSN: 0143-0750 Online ISSN: 2162-8246	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/01430750.2022.2120909	Yes (SCOPUS)
Optimization of Biogas Yield from Anaerobic Co-digestion of Dual waste for environmental sustainability: ANN, RSM, and GA Approach	Ashok K Yadav	Mechanical engineering	Int. J. of Oil, Gas and Coal Tech.	2023	1753-3309	International Journal of Oil, Gas and Coal Technology	https://doi.org/10.1504/IJOGCT.2023.130377	Yes (SCI)
Biodiesel yield optimization from a third-generation feedstock (microalgae spirulina) using a hybrid statistical approach.	Ashok K Yadav	Mechanical engineering	International Journal of Ambient Energy, Taylor & Francis	2023	Print ISSN: 0143-0750 Online ISSN: 2162-8246	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/01430750.2023.2169758	Yes (SCOPUS)
Production of oxy-hydrogen gas and the impact of its usability on CI engine combustion, performance, and emission behaviors	Ashok K Yadav	Mechanical engineering	energy	2023	Online ISSN: 1873-6785 Print ISSN: 0360-5442	https://www.sciencedirect.com/journal/energy	https://doi.org/10.1016/j.energy.2023.127937	Yes (SCI)
FinFET-based Non-Linear Analog Signal Processing Modules	Dr. Vipin Kumar Sharma	Electronics & Communication Engineering	Microelectronics Journal	2023	0026-2692.	https://www.sciencedirect.com/journal/microelectronics-journal	https://doi.org/10.1016/j.mejo.2022.105626	Yes (SCI)

3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

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FinFET based Low Noise Low Power Chopper Stabilized Capacitively Coupled Amplifier for Biosignal Acquisition System	Dr. Vipin Kumar Sharma	Electronics & Communication Engineering	Journal of Nanoelectronics and Optoelectronics	2022	1555-130X	https://www.ingentaconnect.com/content/as/p/jno	https://doi.org/10.1166/jno.2022.3263	Yes (SCI)
MENTAL STRESS OF COLLEGE STUDENTS IN THE CONTEXT OF SUITABLE INTERNSHIP IN HAND- AN ANALYTICAL STUDY	Dr Vibhuti Tyagi	Master of Business Administration	European Chemical Bulletin	2023	ISSN 2063-5346	https://www.eurchembull.com/	10.31838/ecb/2023.12.s14.066	Yes (Scopus)
"Consumer Attitude towards counterfit products :An extension of theory of planned behaviour"	Mr. Deepak Tomar	Master of Business Administration	Empirical Economics Letters.22	2023	ISSN 1681 8997	www.iferp.in	https://zenodo.org/record/7749039	Yes
Relationship Marketing and customer Satisfaction ;An Empirical Study	Dr Vibhuti Tyagi	Management	Journal of paharmaceutical Negative Results	2022	ISSN: Print -0976-9234, Online - 2229-7723	www.pnrjournal.com	https://doi.org/10.47750/pnr.2022.13.S09.803	Yes (Scopus)
"Digital Marketing - Challenges,Solution and Problems in today competitive Era-A study"	Dr. Shivani Tyagi	Master of Business Administration	International Journal of Food and Nutritional Sciences	2022	ISSN Print:2319/EISSN-2320-17876	www.ijfans.org	https://www.ijfans.org/issue-content/digital-marketing-challenges-solutions-and-problem-in-today-s-competitive-era-a-study-921	Yes
"Soft computing deployment under Inventory Control"	Dr. Shikha Mittal	Master of Business Administration	Computer Integrated Manufacturing Systems	2022	ISSN 1006-5911	www.cimsjournal.com	10.24297/i.cims.2022.12.89	Yes (Scopus)
Minimization of Latency Using Multitask Scheduling in Industrial Autonomous System	Dr. Amit Singhal	Computer Science of Engineering	HINDAWAI	2022	Article id 1671829	Journals Peer Reviewed Open Access Journals Hindawi	https://www.hindawi.com/journals/wcmc/2022/1671829/	YES
IOT NEW FEATURES AND SECURITY AND PRIVACY: NEW THREATS, EXISTING SOLUTIONS, AND CHALLENGES TO BE SOLVED	Mr. Sanjay Srivastava	Computer Science of Engineering	Journal of advanced engineering science	2022	ISSN: 2096-3246	https://advancedengineeringsscience.com/	https://advancedengineeringsscience.com/article/365.html	YES
Sustainable Computing: A Determinant of Industry 4.0 for Sustainable Information Society			Hindawi Journal of Nanomaterials	2022	ISSN: 1687-4129 (Online)	https://www.hindawi.com/	https://www.hindawi.com/journals/inm/2022/9335963/	YES
H-shaped MSA and Modified Square Square WMSA with slot Loaded Finite Ground	Dr.Manoj Mangal	Applied Sciences and Humanities	Mathematical Statistician and Engineering Application,	2022	2094-0343	https://www.philstat.org.ph/index.php/MSEA/article/view/1103	https://www.philstat.org.ph/index.php/MSEA/article/view/1103	Yes (Scopus)
Gap Coupled Parasitic and Triple Band Square MSA with Finite Ground,(Journal of Optoelectronics Laser,Volume41 Issue11,2022)Scopus	Dr.Manoj Mangal	Applied Sciences and Humanities	Journal of Optoelectronics Laser	2022	1005-0086	http://www.gdzig.org/index.php/IOL/about	http://www.gdzig.org/index.php/IOL/about	Yes (Scopus)
Vibrational anharmonicity in near closed shell isotopes	Vikas Katoch	Applied Sciences and Humanities	International Journal of Modern Physics E Nuclear Physics	2022	ISSN (print): 0218-3013 ISSN (online): 1793-6608	https://www.worldscientific.com/worldscinet/ijmpe	https://www.worldscientific.com/doi/10.1142/S0218301322500896	Yes (Scopus)
The Role of Smart Grid Data Analytics in Enhancing the Paradigm of Energy Management for Sustainable Development	Dr. Mamta Goyal	Applied Sciences and Humanities	IEEE	2022	2188-4676	https://ieeexplore.ieee.org/Xplore/home.jsp	DOI: 10.1109/ICACITE53722.2022.9823542	Yes (Scopus)
Johnson on Shakespeare-The Preface, a Unique Critical Document	Dr Neena Sharma	Applied Sciences and Humanities	WHJJ	2022	1001-1749	https://www.scopus.com/sourceid/87584	DOI.ORG/10.37896/whjj18.12/980	Yes
Approaches Challenges and prospects of life cycle assessment applied in nano bioremediation of contaminated sites	Dr. Pratima Sharma	Applied Sciences and Humanities	RASAYAN J.OF CHEMISTRY	2022	0974-1496	http://rasayanjournal.co.in/	http://rasayanjournal.co.in/admin/php/upload/3581_pdf.pdf	YES
Synthesis and spectral analysis of the Cr(2)lapachol chelate crystal complexes using DMC,H2O mixtures	Dr Reeta Chauhan	Applied Sciences and Humanities	INORGANIC AND NANOMETAL CHEMISTRY	2022	24701556	https://www.tandfonline.com/journals/lstrt21	https://www.tandfonline.com/doi/abs/10.1080/24701556.2022.2081202	YES

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Determination of moxifloxacin hydrochloride in AVELOX pharmaceutical formulations using modified potentiometer sensors.	Dr. Amit Sharma	Applied Sciences and Humanities	POLYMERY	2021	0032-2725	https://ichp.vot.pl/index.php/p	https://ichp.vot.pl/index.php/p/article/view/1101	YES
Man's position in the universe. An insight in Frost's poetry	Dr Neena Sharma	Applied Sciences and Humanities	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN TECHNOLOGY	2021	2349-6002	https://www.ijirt.org/ResearchWork?search=engineer	https://ijirt.org/master/publishedpaper/IJIRT153187_PAPER.pdf	YES
Problem of energy scale in rigid triaxial rotor model	Vikas Katoch	Applied Sciences and Humanities	International Journal of Modern Physics E Nuclear Physics	2021	ISSN (print): 0218-3013 ISSN (online): 1793-6608	https://www.worldscientific.com/worldscinet/iimpe	https://doi.org/10.1142/S0218301321500968	YES
24-hour ahead PV power forecasting based on the univariate hybrid machine learning model	Mr. Harendra Kumar Yadav	Electrical and Electronic Engineering	International Journal of Ambient Energy	2022	Print ISSN: 0143-0750 Online ISSN: 2162-8246	https://www.tandfonline.com/journals/taen20	https://doi.org/10.1080/01430750.2022.2050811	Yes (Scopus)
Speaker Identification Based on Physical Variation of Speech Signal	Mr. Harendra Kumar Yadav	Electrical and Electronic Engineering	Traitement du Signal	2022	ISSN: 0765-0019 (print); 1958-5608 (online)	http://iieta.org/journals/ts	https://doi.org/10.18280/ts.390235	Yes (Scopus)
A Comprehensive Review on Active and Reactive Power Control of Grid Connected Converters	Umakanta Choudhury	Electrical and Electronic Engineering	Innovations in cyber physical systems	2021	Scopus Indexed Conference Proceedings Book Chapter	https://link.springer.com/	https://link.springer.com/chapter/10.1007/978-981-16-4149-7_59	Yes (Scopus)
Modern Multivariate Statistical Methods for Evaluating the Impact of WhatsApp on Academic Performance: Methodology and Case Study in India	Dr. Ashish Kumar Singh	Master of Business Administration	SCIE, WOS, SCOPUS, IF-2.7,Q2,MDPI, Research paper, This research was partially funded by FONDECYT grant number 1200525 (V.L.) from the National Agency for Research and Development (ANID) of the Chilean government under the Ministry of Science, Technology, Knowledge, and Innovation.	2022	2076-3417	https://www.researchgate.net/publication/361390844_Modern_Multivariate_Statistical_Methods_for_Evaluating_the_Impact_of_WhatsApp_on_Academic_Performance_Methodology_and_Case_Study_in_India	DOI:10.3390/app12126141	YES
A study of Indian Gen X and Millennials consumers' intention to use FinTech payment services during COVID-19 pandemic	Dr. Ashish Kumar Singh	Master of Business Administration	Journal of Modelling in Management © Emerald Publishing Limited 1746-5664, DOI 10.1108/JM2-02-2022-0059"	2022	1746-5664	https://www.emerald.com	DOI 10.1108/JM2-02-2022-0059	YES
An improved statistical approach for moving object detection in thermal video frame	Dr. R K Yadav	Electronics & Communication Engineering	Springer, Multimedia tools and application	2022	9289-9311(2022)	https://www.springer.com/journal/11042	DOI:10.1007/s11042-021-11548-x	Yes
Early detection of foot ulceration in type II diabetic patient using registration method in infrared images and descriptive comparison with deep learning methods	Dr. R K Yadav	Electronics & Communication Engineering	Springer, the journal of supercomputing	2022	1573-0484	springer.com/journal/11227	DOI:10.1007/s11227-022-04380-z	Yes
SIMULATION ANALYSIS OF A HYBRID ELECTRIC VEHICLE ASSISTED BY A SOLAR PANEL FOR SPEED CONTROL USING A FUZZY LOGIC CONTROLLER	Dr. R K Yadav	Electronics & Communication Engineering	ICTACT JOURNAL ON MICROELECTRONICS	2022	2395-1680	https://ictactjournals.in/paper/IJME_Vol_8_Iss_1_Paper_7_1301_1306.pdf	10.21917/ijme.2022.0224	Yes
pearson's correlation and background subtraction (BGS) based approach for object's motion detection in infrared video frame sequences	Dr. R K Yadav	Electronics & Communication Engineering	Springer, statistical papers	2022	Electronic ISSN 1613-9798 Print ISSN 0932-5026	https://www.researchgate.net/publication/361159882_Pearson's_correlation_and_background_subtraction_BGS_based_approach_for_object's_motion_detection_in_infrared_video_frame_sequences	10.1007/s00362-022-01323-x	Yes
Effect of punch profile radius and sheet setting on springback in V-bending of A 2-ply sheet	Pankaj Kumar Sharma, Vijay Gautam and Atul Agrawal	Mechanical engineering	Advances in Materials and Processing Technologies, Taylor & Francis	2022	ISSN (Offline) 2374068X, ISSN (Online)23740698	https://www.tandfonline.com/journals/tmpt20	https://doi.org/10.1080/2374068X.2022.2093011	Yes
Investigations on effect of bending radius on springback behaviour of three-ply clad sheet	Pankaj Kumar Sharma, Vijay Gautam and Atul Agrawal	Mechanical engineering	Materials Today: Proceedings, Elsevier	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2022.04.601	Yes (Scopus)

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Experimental and numerical investigations of springback and residual stresses in bending of a three-ply clad sheet	Pankaj Kumar Sharma, Vijay Gautam and Atul Agrawal	Mechanical engineering	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, SAGE	2021	ISSN (Offline)14644207, ISSN (Online) 20413076	https://journals.sagepub.com/home/pil	https://doi.org/10.1177/146442072111037006	Yes (SCI)
Grey-Taguchi optimization of mechanical and abrasive wear properties for cotton grass fiber reinforced epoxy composites	Mukesh Chauhan, Sandeep Kumar, Aarti Kalra, Ankur Bisht, Kks Mer & Vinay Kumar Patel	Mechanical engineering	Journal of Natural Fibers, Taylor & Francis	2022	ISSN: 1544-0478, ISSN (Online): 1544-046X	Journal of Natural Fibers Taylor & Francis Online (tandfonline.com)	https://doi.org/10.1080/15440478.2022.2039832	Yes (SCI)
Study on Sol-Gel Synthesized IN800 Thermal Barrier Coatings Subjected to Thermal Cyclic Loading: Effect of Metallic Substrates	Dipak Kumar and K N Pandey	Mechanical engineering	Metals and Materials International	2021	15989623	https://link.springer.com/journal/12540	https://doi.org/10.1007/s12540-020-00829-z	Yes (SCI)
Graphene as a stimulus for mechanical strength in glass-fiber reinforced polymers composite	Vijay K Dwivedi and Dipak Kumar	Mechanical engineering	World Journal of Engineering	2021	17085284	https://www.emerald.com/insight/publication/issn/1708-5284	https://doi.org/10.1108/WJE-02-2021-0110	Yes
Characterisation of anode plasma deposited IN718 TBC system after thermal cycle shocking test	P Sharma , Vijay K Dwivedi and Dipak Kumar	Mechanical engineering	Advances in Materials and Processing Technologies	2021	23740698	https://www.tandfonline.com/journals/tmpt20	https://doi.org/10.1080/2374068X.2021.1948711	Yes (ESCI)
A comparative study of erosion wear rate of conventional and nonconventional thermal barrier coatings on IN800 superalloys	Dipak Kumar and K N Pandey	Mechanical engineering	Sādhanā	2021	0973-7677	https://link.springer.com/journal/12046	https://doi.org/10.1007/s12046-021-01653-w	Yes (SCI)
A hydrodynamic cavitation-assisted system for optimization of biodiesel production from green microalgae oil using a genetic algorithm and response surface methodology approach	Ashok K Yadav	Mechanical engineering	Environmental Science and Pollution Research, Springer	2022	1614-7499	https://www.ncbi.nlm.nih.gov/	DOI: 10.1007/s11356-022-20474-w	Yes (SCI)
An Optimized Artificial Intelligence System Using IOT Biosensors Networking for Healthcare Problems	Dr Pushendra Singh	Information Technology	Computational Intelligence and Neuroscience	2022	16875273	https://www.hindawi.com/journals/cin/2019/6506802/utm_source=google&utm_medium=cpc&utm_campaign=HDW_MRKT_GBL_SUB_A_DWO_PA1_DYNA_IJOUR_X_PI_GROUP3&gclid=CjwKCAjw8IKbBhBYEiwAs3sxNwe1IS_dsmk7velHhLjHEKFrIVg8fW4wZlwtzLLYPNX0b2ktB1ABrCYDHOAvD_BwF	https://pubmed.ncbi.nlm.nih.gov/35371215/	Yes (SCI)
A Machine Learning Model for Early Prediction and Detection of Sepsis in Intensive Care Unit Patients	Dr Pushendra Singh	Information Technology	Journal of healthcare Engineering	2022	20402295	https://www.hindawi.com/journals/jhe/	https://www.hindawi.com/journals/jhe/2022/9263391/	Yes (SCI)
An efficient metrics based self-adaptive design model by multiobjective gray wolf optimization with extreme learning machine for autonomic computing system application	Mr Vijay kr Tripathi	Information Technology	Concurrency and Computation	2021	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.6609	Yes (SCI)
State Complexity Evaluation of Autonomous System using Deep Neural Networks	Mr Vijay Kr Tripathi	Information Technology	Design Engineering	2021	0011-9342	https://ores.su/en/journals/design-engineering-toronto/	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=ZUQrOSoAAAAJ&citation_for_view=ZUQrOSoAAAAJ:d1gkVvhDp10C	Yes (Scopus)
Adverse Event Following Immunization (AEFI) in Children: An Analysis of Reporting in Vigibase	Diksha Pandey, Geetika Mehta*, Monika Sachdeva, Rashmi Tripathi	Pharmacy	Drug Research	2022	PMID: 35724674	https://pubmed.ncbi.nlm.nih.gov/35724674/	DOI: 10.1055/a-1852-5335	Yes (Scopus)
Hydrogel as a Novel Drug Delivery System: Recent Advancements and Patents	Surya Goel, Pankaj Sharma, Abhinav Agarwal.	Pharmacy	Current Nanoscience	2021	ISSN 1573-4137 (Print)	https://www.ingentaconnect.com/content/ben/cnano;jsessionid=Zaur5qjrwk3.x-ic-live-02	https://doi.org/10.2174/15734137169992006262	SCI, Scopus
Design, Fabrication and Characterization of Eesomeprazole Nanocrystals for Enhancing the Dissolution Rate and Stability.	Vijay Agarwal	Pharmacy	Recent patents on nanotechnology 2021, 15, 165-179.	2021	ISSN:1872-2105E-ISSN:2212-4020	https://www.eurekaselect.com/issue/12463/1	http://dx.doi.org/10.2174/1872210514666201016150915	SCI (Yes)

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Dissolution enhancement of eplerenone using solvent melt method.	Vipin Kumar, Vijay Agarwal, Pankaj K Sharma.	Pharmacy	Drug Delivery Letters. 2021. 11, 71-80. (Bentham Science Publisher).	2021	ISSN:2210-3031E-ISSN:2210-304X	https://www.eurekaselect.com/article/110538	http://dx.doi.org/10.2174/2210303110999201007164919	SCI (Yes)
Nanocrystal Approaches for poorly soluble drugs and their role in development of marketed formulation.	Nitin Kaushik, Vijay Agarwal, Pankaj K Sharma.	Pharmacy	Drug Delivery Letters. 2021, 11, 275-294.	2021	ISSN:2210-3031E-ISSN:2210-304X	https://www.eurekaselect.com/article/116188	http://dx.doi.org/10.2174/2210303111666210616115543	Yes (Scopus)
Artificial Intelligence in Pharmacovigilance and Covid-19: The Need of Hour	Kamini Bhardwaj, Rabnoor Alam, Ajay Pandeya, Pankaj Kumar Sharma	Pharmacy	Current drug safety, Bentham Science	2022	ISSN (Print): 1574-8863 ISSN (Online): 2212-3911	https://www.eurekaselect.com/article/122280	10.2174/1574886317666220405115548	Yes (Scopus)
Grodzins relation for 4+ and 6+ states in A=80, 100 and 130 region	Vikas Katoch	Applied Sciences and Humanities	International Journal of Modern Physics E Nuclear Physics	2021	ISSN (print): 0218-3013 ISSN (online): 1793-6608	https://www.worldscientific.com/worldscinet/ijmp	https://doi.org/10.1142/S0218301321500154	YES
Terahertz plasmons excitation by nonlinear mixing of two laser beams in graphene sheet	Dr. Pawan Kumar	Applied Sciences and Humanities	Plasmonics	2020	ISSN: 1557-1955	https://www.springer.com/journal/11468	https://doi.org/10.1007/s11468-020-01305-5	YES
Screening of Stem Extracts of Plumbago Zeylanica for Phytochemical, Antimicrobial and Anti-Arthritis Activity	Dr Reeta Chauhan	Applied Sciences and Humanities	Biomedical & Pharmacology Journal	2020	0974-6242	https://biomedpharmajournal.org/vol14no4/preparation-diagnosis-and-evaluation-of-cyclic-tryptophan-derivatives-as-anti-breast-cancer-agents/	https://biomedpharmajournal.org/vol13no4/screening	YES
Inter-turn fault stability enrichment and diagnostic analysis of power system network using wavelet transformation-based sample data control and fuzzy logic controller	Umakanta Choudhury	Electrical and Electronic Engineering	Transactions of the Institute of Measurement and Control	2021	ISSN:0142-3312E-ISSN:1477-0369	https://journals.sagepub.com/doi/10.1177/01423312211007006	https://doi.org/10.1177%2F01423312211007006	Yes (Scopus)
Pulse Width Modulation Technique for Multilevel Operation of Five-Phase Dual Voltage Source Inverters	Shailesh kumar Gupta	Electrical and Electronic Engineering	JESA	2021	ISSN:1269-6935E-ISSN:2116-7087	https://www.iicta.org/journals/jesa/paper/10.18280/jesa.540220	DOI: https://doi.org/10.18280/jesa.540220	Yes
Employee Motivation: An Indian Perspective"	Dr. Vibhuti	Master of Business Administration	Transnational Marketing Journal. London, UK, 9(3).	2021	ISSN: 2041-4692	https://journals.tplondon.com/index/login?source=%2Fmj%2Fabout%2Fsubmissions	doi: 10.33182/tmj.v9i3.1318	YES
Role of psychological and technological attributes on customer conversion to use food ordering apps	Singh, Ashish Kumar & Sunil Atulkar	Master of Business Administration	Journal of Retail & Distribution Management	2021	ISSN: 0959-0552	https://www.emerald.com/insight/publication/issn/0959-0552	DOI 10.1108/JRDM-09-2020-0349	YES
COVID-19: Assessment of Knowledge and Awareness in Indian Society"	Singh, Ashish Kumar & Sharma, Dr. Prayas	Master of Business Administration	Journal of Public Affairs, Vol-20, Issue4	2020	ISSN: 14791854	https://onlineibrary.wiley.com/doi/10.1177/14791854/2020/20/4	https://doi.org/10.1002/pa.2354	YES
Repurchase behaviour and positive word of mouth. Role of hedonic shopping motives	Singh, Ashish Kumar & Atulkar, Dr. Sunil	Master of Business Administration	International Journal of Business Excellence,	2021	ISSN: 1756-0047	https://www.inderscience.com/jhome.php?jcode=ijbex	DOI: 10.1504/IJBEX.2020.10027599	YES
Analytical and numerical prediction of springback of SS/Al-alloy clad sheet in V-bending"	Pankaj Kumar Sharma, Vijay Gautam and Atul Agrawal	Mechanical engineering	Journal of Manufacturing Science and Engineering, ASME	2021	ISSN (Offline)10871357, ISSN (Online)15288935	https://asmigitalcollection.asme.org/manufacturing-science	https://doi.org/10.1115/1.4048953	Yes (SCI)
Study on dry-sliding wear (DSW) of uncoated IN800 super alloy and sol-gel based dip coated IN800 substrate	Dipak Kumar and K N Pandey	Mechanical engineering	Indian Journal of Engineering and Materials Sciences	2020	0975-1017	http://nopr.niscair.res.in/handle/123456789/55247	http://nopr.niscair.res.in/handle/123456789/55247	Yes (Scopus)
Experimental investigations of sol-gel process parameters for wear reduction on thermal barrier coated AA2024 aluminum alloys with the use of Taguchi-based optimization	Dipak Kumar and K N Pandey	Mechanical engineering	Sādhanā	2020	0973-7677	https://link.springer.com/journal/12046	https://doi.org/10.1007/s12046-020-01430-1	Yes (SCI)
A comprehensive review on performance, emission and combustion characteristics of diesel engines fuelled with algae oil methyl ester	Ashok K Yadav	Mechanical engineering	WEENTECH Proceedings in Energy	2020	2059-2353	DOI: 10.32438/WPE.0602150	https://www.researchgate.net/journal/WEENTECH-Proceedings-in-Energy-2059-2353	Yes (Scopus)

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Prevalence of Anemia in Children of Rural Population of Northern State of India	Geetika Mehta, Monika Sachdeva, Rashmi Tripathi.	Pharmacy	Ars Pharmaceutica	2021	ISSN:0004-2927	https://revistaseug.ugr.es/index.php/ars	https://pesquisa.bvsalud.org/portal/resource/es/Siqueira/mdl-37062217	Yes (Scopus)
Relativistic frequency shifting of laser pulse on reflection from critical layer in a plasma	Dr. Pawan Kumar	Applied Sciences and Humanities	Physics of Plasmas	2020	Print: ISSN 1070-664X Online: ISSN 1089-7674	https://aip.scitation.org/journal/php	https://aip.scitation.org/doi/full/10.1063/1.5135874	YES
Laser Raman scattering by terahertz graphene plasmons	Dr. Pawan Kumar	Applied Sciences and Humanities	Physics of Plasmas	2020	Print: ISSN 1070-664X Online: ISSN 1089-7674	https://aip.scitation.org/journal/php	https://aip.scitation.org/doi/full/10.1063/1.5139509	YES
A Two Warehouse Inventory Model for Perishable Items with Ramp Type Demand and Partial Backlogging	Dr. Garima Garg, Dr. Vineeta Singh and Dr. Sanjay Singh	Applied Sciences and Humanities	International Journal of Engineering Research and Technology	2020	ISSN 2278-0181	https://www.ijert.org/	https://www.ijert.org/a-two-warehouse-inventory-model-for-perishable-items-with-ramp-type-demand-and-partial-backlogging	YES
Ultraviolet quantum cutting through down conversion luminescence behavior of Er ³⁺ substituted Sr _{0.7} Bi _{2.2} Nb ₂ O ₉ (BLES) ceramics	Lokesh sharma	Applied Sciences and Humanities	Integrated Ferroelectrics	2020	10584587	https://www.tandfonline.com/journals/ginf20	https://doi.org/10.1080/10584587.2019.1674983	YES
Generalized grodzins relation for ground band	Vikas Katoch	Applied Sciences and Humanities	International Journal of Modern Physics E Nuclear Physics	2019	ISSN (print): 0218-3013 ISSN (online): 1793-6608	https://www.worldscientific.com/worldscinet/ijmp	https://doi.org/10.1142/S0218301319500551	YES
Smart Attendance System Using Face Recognition	vaibhav pratap singh, syed mohammad larai, Abhinav Saxena, Shlok Bhartari, Neha singh	Computer Science of Engineering	International Journal of Scientific Research in Engineering and Management	2020	2582-3930	https://ijsrem.com	https://ijsrem.com/volume-04-issue-05-may-2020/	Yes
Ranking of Services for Estimation of SOA system using Fuzzy TOPSIS method	Neha Singh, Dharmendra Singh, Kirti Seth	Computer Science of Engineering	International Journal of Innovative Business strategies	2020	2046-3626	https://infonomics-society.org	https://infonomics-society.org/wp-content/uploads/Ranking-of-Services-for-Reliability-Estimation-of-SOA-System-Using-FUZZY-TOPSIS-Method.pdf	Yes
A comparative study of Android classifiers	Sarita Singh, harshit	Computer Science of Engineering	Ijrasnet	2020	23219653	www.ijrasnet.com	http://doi.org/10.22214/ijrasnet.2020.5398	Yes
Short-term PV power forecasting using empirical mode decomposition in integration with back-propagation neural network	Mr. Harendra Kumar Yadav	Electrical and Electronic Engineering	Journal of Information and Optimization Sciences	2020	Print ISSN: 0252-2667 Online ISSN: 2169-0103	https://www.tandfonline.com/journals/tios20	https://doi.org/10.1080/02522667.2020.1714181	Yes
Correlation between weather and COVID-19 pandemic in India: An Empirical Investigation"	Singh, Ashish Kumar & Sharma, Dr. Prayas	Master of Business Administration	Journal of Public Affairs. Vol-20	2020	ISSN: 14791854	https://onlinelibrary.wiley.com/toc/14791854/2020/20/4	DOI: https://doi.org/10.1002/pa.2222	YES
Eight directional smart configurable Router for Network on Chip (NoC)	Dr.Himani Mittal	Electronics & Communication Engineering	International Journal of Engineering and Advanced Technology - SCOPUS	2019	2249-8958	https://www.ijeat.org/wp-content/uploads/papers/v9i1/A9677109119.pdf	10.35940/ijeat.A9677.109119	Yes
Microstrip Patch Antenna with Circular Polarization Loaded with Drumsticks Slots	Dr. R.K. YADAV	Electronics & Communication Engineering	International Journal of Sensors Wireless Communications and Control	2019	ISSN (Print): 2210-3279 ISSN (Online): 2210-3287	https://www.eurekaselect.com/issue/12546/1	10.2174/2210327908666180628162129	Yes (Scopus)
Wear and hardness evaluation of electrodeposited Ni-SiC nanocomposite coated copper	Dipak Kumar, Garima Shree and Vijay K Dwivedi	Mechanical engineering	International Journal of Microstructure and Materials Properties	2020	1741-8429	https://www.inderscienceonline.com/journal/ijmmp	DOI: 10.1504/IJMMP.2020.106921	Yes (Scopus)
Comparative study of Manilkara Zapota and Karanja based Biodiesel Properties and Its Effect on Multi-Cylinder Diesel Engine Characteristics	Ashok K Yadav	Mechanical engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis	2019	1556-7036	https://doi.org/10.1080/15567036.2019.1661551	https://www.tandfonline.com/journals/ueso20	Yes (SCI)
Characterization of Bio-Ethanol Obtained from Eichhornia Crassipes Plant; Its Emission and Performance Analysis on CI Engine (2021), VOL. 43, NO. 14, 1793-1803	Ashok K Yadav	Mechanical engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis	2019	1556-7036	https://doi.org/10.1080/15567036.2019.1648600	https://www.tandfonline.com/journals/ueso20	Yes (SCI)

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Methyl ester of Gmelina arborea oil as a substitute for petroleum diesel: an experimental study on its performance and emissions in a diesel engine,	Ashok K Yadav	Mechanical engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis	2019	1556-7036	https://doi.org/10.1080/15567036.2019.1636164	https://www.tandfonline.com/journals/ueso20	Yes (SCI)
Optimization of Biodiesel Production and Engine Performance from Underutilized Simarouba Oil in Compression Ignition Engine	Ashok K Yadav	Mechanical engineering	Int. J. of oil, Gas and Coal Tech., Inder science	2020	1753-3309	https://www.inderscienceonline.com/doi/abs/10.1504/IJOGCT.2020.110385	https://www.inderscienceonline.com/	Yes (SCI)
Temperature-dependent dynamic hysteresis scaling of ferroelectric hysteresis parameters of lead free [(Ba _{0.825} + xCa _{0.175} -x) (Ti _{1-x} Sn _x)O ₃]ceramics	Ashok K Yadav	Mechanical engineering	Ferroelectrics, Taylor & Francis	2019	0015-0193	https://doi.org/10.1080/00150193.2019.1658040	https://www.tandfonline.com/journals/gfer20	Yes (SCI)
Effect of metal oxide nanoparticles and engine parameters on the performance of a diesel engine: A review	Ashok K Yadav	Mechanical engineering	Materials Today: Proceedings, Elsevier	2019	2214-7853	https://doi.org/10.1016/j.matpr.2019.12.117	https://www.sciencedirect.com/journal/materials-today-proceedings	Yes (Scopus)
Combustion-generated pollutions and strategy for its control in CI engines: A review	Ashok K Yadav	Mechanical engineering	Materials Today: Proceedings, Elsevier	2020	2214-7853	DOI:10.1016/j.matpr.2019.12.155	https://www.sciencedirect.com/journal/materials-today-proceedings	Yes (Scopus)
Role of AI techniques and deep learning in analyzing the critical health conditions	Mrs. Ritu Agarwal	Information Technology	International Journal of System Assurance Engineering and Management(IJSAEM)	2019	0975-6809	https://www.springer.com/journal/13198	https://link.springer.com/article/10.1007/s13198-019-00863-0#:~:text=A%20techniques%20enhances%20the%20speed,certain%20specific%20critical%20health%20conditions.	Yes (Scopus)
Two warehouse inventory model for deteriorating items with time dependent demand and partial backlogging under inflation	Dr. Sanjay Singh	Applied Sciences and Humanities	International Journal of Mathematical Modelling and Computations	2018	2228-6233	https://ijm2c.ctb.iau.ir	ijm2c.ctb.iau.ir/article_663813_5e9c7de976856684f1717322dcdcf85.pdf	Yes
Effect of magnetic field on electromagnetic soliton evolution by different pulses	Dr.Sanjeev Goyal	Applied Sciences and Humanities	Journal of Theoretical and Applied Physics (International Journal)	2019	2251-7235	https://jtap.srbiau.ac.ir	https://jtap.srbiau.ac.ir/article_18692.html doi number: 10.1007/S40094-018-0306-Z	Yes
Study of Grodzins relation of B(E2) with E(2 ₁₊) in A=130, 100 and 80 regions	Vikas Katoch	Applied Sciences and Humanities	International Journal of Modern Physics E Nuclear Physics	2019	ISSN (print): 0218-3013 ISSN (online): 1793-6608	https://www.worldscientific.com/worldscinet/ijmp	https://doi.org/10.1142/S0218301318501008	YES
An inventory model for deteriorating items with expiry date and time varying holding cost	Dr. Sanjay Singh	Applied Sciences and Humanities	International Journal of Procurement Management	2018	1753-8440	https://www.inderscience.com/jhome.php?icode=ijpm	https://dx.doi.org/10.1504/IJPM.2018.10014398	YES
A novel GA-ANFIS hybrid model for short-term solar PV power forecasting in Indian electricity market	Mr. Harendra Kumar Yadav	Electrical and Electronic Engineering	Journal of Information and Optimization Sciences	2019	Print ISSN: 0252-2667 Online ISSN: 2169-0103	https://www.tandfonline.com/journals/tios20	https://doi.org/10.1080/02522667.2019.1580880	Yes
Effect of magnesium addition on mechanical properties of al-fly ash green composite produced under green ultrasonic vibration process	Pankaj Kumar Sharma, Shashi Prakash Dwivedi, Ajay Kumar & Amit Kumar Sharma	Mechanical engineering	International Journal of Precision Engineering and Manufacturing-Green Technology, SPRINGER	2019	ISSN (Offline) 2288-6206, ISSN (Online)2198-0810	https://www.springer.com/journal/40684	https://doi.org/10.1007/s40684-019-00044-1	Yes (SCI)
Comparison of Thermal Fatigue of Superni 718 SGTBCs and APSTBCs	Dipak Kumar	Mechanical engineering	Transactions of the Indian Institute of Metals	2019	0972-2815	https://link.springer.com/journal/12666	https://doi.org/10.1007/s12666-019-01669-1	Yes (SCI)
Study on the tensile and the fatigue behavior of air plasma sprayed YSZ TBC systems	Dipak Kumar	Mechanical engineering	Journal of Metallic Material Research	2018	2630-5135	http://ojs.bilpublishing.com/index.php/jmmr/manager	https://doi.org/10.30564/jmmr.v1i1.452	Yes (Scopus)
Efficient Production of Biodiesel from Cannabis Sativa oil using Intensified Transesterification (Hydrodynamic Cavitation) Method.	Ashok K Yadav	Mechanical engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis	2019	1556-7036	https://doi.org/10.1080/15567036.2019.1607946	https://www.tandfonline.com/journals/ueso21	Yes (SCI)

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Utilization of high FFA landfill waste (leachates) as a feedstock for sustainable biodiesel production: its characterization and engine performance evaluation	Ashok K Yadav	Mechanical engineering	Environmental Science and Pollution Research, Springer	2018	1614-7499	https://link.springer.com/article/10.1007/s11356-018-3199-0	https://www.springer.com/journal/11356	Yes (SCI)
Effect of n-Butanol and Diethyl Ether on Performance and Emission Characteristics of a Diesel Engine Fuelled with Diesel-Pongamia Biodiesel Blends	Ashok K Yadav	Mechanical engineering	Journal of Energy Engineering, ASCE	2018	1753-3309	https://doi.org/10.1061/(ASCE)EY.1943-7897.0000570	https://ascelibrary.org/journal/jleed9	Yes (SCI)
Synthesis and stability study of biodiesel from Kachnar seed oil	Ashok K Yadav	Mechanical engineering	Journal of Energy Engineering, ASCE	2018	1753-3309	DOI:10.1061/(ASCE)EY.1943-7897.0000565	https://ascelibrary.org/toc/jleed9/144/5	Yes (SCI)
Current scenario of biodiesel development in India: prospects and challenges	Ashok K Yadav	Mechanical engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis	2018	1556-7036	https://doi.org/10.1080/15567036.2018.1502849	https://www.tandfonline.com/journals/tbfu20	Yes (SCI)
Custard apple seed oil as promising biodiesel feedstock using advanced techniques and experimental investigation on diesel engine	Ashok K Yadav	Mechanical engineering	Int. J. of oil, Gas and Coal Tech., Inder science	2019	1753-3309	DOI: 10.1504/IJOGCT.2019.10020632	https://www.inderscience.com/index.php	Yes (SCI)