

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
Optimal Scheduling of Grid Connected Solar Photovoltaic and Battery Storage System Considering Degradation Cost of Battery	Dr. Nagendra Kumar	EEE	Iranian Journal of Science and Technology, Transactions of Electrical Engineering	2022-23	2364-1827	https://www.springer.com/journal/40998	https://doi.org/10.1007/s40998-022-00529-x	SCIE
Hybrid Metaheuristic Model for Optimal Economic Load Dispatch in Renewable Hybrid Energy System	Dr. Mohit Bansal	EEE	International Transactions on Electrical Energy Systems-hINDAWI	2022-23	2050-7038	https://www.hindawi.com/journals/itees/about/	https://doi.org/10.1155/2023/5395658	SCIE
A Low Cost all Optical Photonic Technique Based on Brillouin Scattering for mm-Wave Generation	Dr. Mohit Bansal	EEE	Journal of Physics: Conference Series	2022-23	1742-6596	https://iopscience.iop.org/journal/1742-6596	10.1088/1742-6596/2327/1/012039	SCOPUS
An Economical and Ultra Dense WDM-PON System with Polarization Interleaving and PWR	Dr. Mohit Bansal	EEE	Journal of Physics: Conference Series	2022-23	1742-6596	https://iopscience.iop.org/journal/1742-6596	10.1088/1742-6596/2327/1/012045	SCOPUS
A Comprehensive Overview on Modified Versions of Stockwell Transform For Power Quality Monitoring	Dr. Jay Singh	EEE	IEEE ACCESS	2022-23	2169-3536	https://ieeaccess.ieee.org/	10.1109/ACCESS.2022.3202309	SCIE
An Invasive Weed Optimization for Sensor Less Control of Grid Integrated Wind Driven Doubly Fed Induction Generator An Invasive Weed Optimization for Sensor Less Control of Grid Integrated Wind Driven Doubly Fed Induction Generator	Dr. Jay Singh	EEE	IEEE ACCESS	2022-23	2169-3536	https://ieeaccess.ieee.org/	10.1109/ACCESS.2022.3213982	SCIE
Effects of the dissimilarity of water depth on energy and exergy efficiencies and productivity of solar energy	Dr. Jay Singh	EEE	International Journal of Exergy	2022-23	1742-8300	https://www.inderscience.com/home.php?jcode=ijex	10.1504/IJEX.2022.124176	SCIE
Performance of single slope solar still with various operation parameters—An experimental, statistical, and CFD simulation approach toward optimality	Rakesh Prasad Yashvir Singh Anuj Kumar Sharma Rohit Sahu Vijay Kumar Dwivedi Sanjeev Kumar	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2022-23	2041-3009	https://journals.sagepub.com/home/PIE	https://doi.org/10.1177/09544089231172015	Web of Science
Development of Aluminum-Based Composite Material by using Bagasse Ash and Eggshell as Reinforcement Along with Nano-CuO Particles	Shashi Prakash Dwivedi, Rohit Sahu	Mechanical Engineering	Journal of the Institution of Engineers (India): Series D	2022-23	2250-2130	https://www.springer.com/journal/40033	https://doi.org/10.1007/s40033-022-00417-y	SCOPUS
Editorial: IJER special issue of the 3rd International Conference ICCEMME-2021 focus in Engine Research	Rohit Sahu, Avdesh Tyagi	Mechanical Engineering	International Journal of Engine Research	2022-23	2041-3149	https://journals.sagepub.com/home/IJER	https://doi.org/10.1177/14680874221143295	Web of Science
Engineered nanomaterials for environmental Sustainability: A Lab-to-Market perspective	Vijay Chaudhary, Partha Pratim Das, Rohit Sahu, Susmita Dey Sadhu, Pallav Gupta, and Sumit Gupta	Mechanical Engineering	Materials Today: Proceedings	2022-23	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings/about/aims-and-scope	https://doi.org/10.1016/j.matpr.2022.10.211	SCOPUS
Electric Discharge Machining of Hybrid Composite with Non-Edible oil Based Bio-Dielectrics for Sustainable Developments	Abhishek Sharma	Mechanical Engineering	Australian Journal of Mechanical Engineering	2022-23	1448-4896	https://www.tandfonline.com/journals/tmec20	https://doi.org/10.1080/14484846.2023.2249577	SCOPUS
Production of bio-oil from Lychee-based biomass through pyrolysis and maximization of bio-oil yield with statistical and machine learning techniques	Abhishek Sharma	Mechanical Engineering	<i>Journal of Cleaner Production</i>	2022-23	0959-6526	https://journals.elsevier.com/journal-of-cleaner-production%20	https://doi.org/10.1016/j.jclepro.2023.137472	SCI

Prediction of Higher Heating Values based on Imminent analysis by using Regression Analysis and Artificial Neural Network for Bioenergy Resources	Abhishek Sharma	Mechanical Engineering	Proc IMechE, Part E: Journal of Process Mechanical Engineering	2022-23	0954-4089	https://www.googleadservices.com/pagead/ack?sa=L&ai=DChcSEwi7udr3lfCAAXUymWYCHRoDBeQYABAAGJzbQ&ae=2&gclid=Cj0KCCjwuZGnBhD1ARIsACbAViXepvZg3NYUi-PLc2_KLy7NMzNQ6rK3IX9DLP_4vYkD9TJl2IAaAndvEALw_wcB&ohost=www.google.co.in&cid=CAESbeD2SNCZHMrvilOj96qJyUv18reUiBN7Wp3GB8uNROH7KvLm-ZxRi4dEP-z4kboKGCyMKu3_utQXBNIeAOLem0-MX-eyNktCtcZc4gHucB-Rdx_WKokryTx_2LBQLSXWz9hCrUip84TMzq8&sig=AO D64_3m-IO31rVpZheqW1inSzV96sc eg&q&adurl&ved=2ahUKEw jU9P3fCAAXVn1TgGHCg5B QKQ0Qx6BAGPEAE&nis=2&...	https://doi.org/10.1177/09544089231175046	SCI
Solar photovoltaic water pump performance optimization by using Response surface methodology	Abhishek Sharma	Mechanical Engineering	Environmental Progress & Sustainable Energy AICHE	2022-23	1944-7450	https://aiche.onlinelibrary.wiley.com/journal/19447450	http://doi.org/10.1002/ep.14148	SCI
Performance and Emission Analysis of Single-Cylinder DI Engine Running with Cottonseed-Ethyl Oleate Biodiesel Blends	Abhishek Sharma	Mechanical Engineering	Environmental Progress & Sustainable Energy AICHE	2022-23	1944-7450	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://aiche.onlinelibrary.wiley.com/doi/10.1002/ep.14098	SCI
Use of response surface methodology approach for development of sustainable Jojoba biodiesel diesel blend with CuO nanoparticles for four stroke Diesel engine	Abhishek Sharma	Mechanical Engineering	FUEL	2022-23	0016-2361	https://www.sciencedirect.com/journal/fuel	https://doi.org/10.1016/j.fuel.2022.127367	SCI
Rapeseed oil-based biodiesel as lubricant: Frictional force and Tribological analysis	Abhishek Sharma	Mechanical Engineering	Prabha Materials Science Letters	2022-23	2583-5114	https://journals.ramartipublishers.com/PMSL/	https://doi.org/10.33889/PMSL.2023.2.1.002	SCOPUS
Optimizing the performance of solar PV water pump by using Response Surface Methodology	Abhishek Sharma	Mechanical Engineering	Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	2022-23	2432-5953	https://www.tj.kyushu-u.ac.jp/evergreen/	https://www.tj.kyushu-u.ac.jp/evergreen/contents/EG2022-9_4_content/pdf/p1151-1159.pdf	SCOPUS
Investigation of Si1-XGeX Source Dual Material Stacked Gate Oxide Pocket Doped Hetero-Junction TFET for Low Power and RF Applications	Dharmender, K. Nigam, P. Yadav and A. Kumar	ECE	INTERNATIONAL JOURNAL OF ELECTRONICS	2022-23	https://doi.org/10.1080/00207217.2023.2173804	https://www.tandfonline.com/doi/abs/10.1080/00207217.2023.2173804?journalCode=tetrn20	https://doi.org/10.1080/00207217.2023.2173804	SCI
Theoretical investigation of Dual Material Stacked Gate Oxide-Source Dielectric Pocket TFET based on Interface Trap Charges and Temperature Variations"	6) K. Nigam, Dharmender, V.A Tikkiwal and M.K. Bind	ECE	Journal of Circuits, Systems, and Computers	2022-23	https://doi.org/10.1142/S0218126623502523	https://www.worldscientific.com/doi/10.1142/S0218126623502523	https://doi.org/10.1142/S0218126623502523	SCI
Array Antenna Pattern Synthesis using Improved Particle Swarm Optimization (IPSO) Algorithm.	Bera, R., Cheruvu, S., Kundu, K., Upadhyay, P., & Mandal, D.	ECE	ECTI Transactions on Electrical Engineering, Electronics, and Communications	2022-23	1685-9545	https://ph02.tci-thaijo.org/index.php/ECTIEEC/index	https://ph02.tci-thaijo.org/index.php/ECTIEEC/article/view/249806	Scopus
Performance Investigation of Molecular Nano Communication Over Channels Under Dynamic Scenarios	Srishti Kumari, Swati Singh, Rajneesh Kumar Singh, VK Pandey, Dinesh Kumar Singh, S. Pratap Singh, M Lakshmanan	ECE	Wireless Personal Communications	2022-23	https://doi.org/10.1007/s11277-023-10440-1	https://www.springer.com/journal/11277/	https://doi.org/10.1007/s11277-023-10440-1	Web of Science
VLSI Implementation of Error Correction Codes for Molecular Communication	2. S. Pratap Singh, Ruchi Rai, Shashank Awasthi, Dinesh Kumar Singh & M. Lakshmanan	ECE	Wireless Personal Communications	2022-23	https://doi.org/10.1007/s11277-023-10399-z	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-023-10399-z	Web of Science
AI-Based Resource Allocation Techniques in Wireless Sensor Internet of Things Networks in Energy Efficiency with Data Optimization	Ahmed, Q.W.; Garg, S.; Rai, A.; Ramachandran, M.; Jhanjhi, N.Z.; Masud, M.; Baz, M	ECE	Electronics(MDPI)	2022-23	Electronics 2022, 11(13)	https://www.mdpi.com/2079-9292/11/13/2071#cite	https://doi.org/10.3390/electronics11132071	SCI
Synthesis of Concentric Circular Antenna Array Using Whale Optimization Algorithm	krishanu kundu,Rajesh Bera, Narendra Nath Pathak	ECE	IETE Journal of Research	2022-23	0377-2063 Online ISSN: 0974-780X	https://www.tandfonline.com/journals/tjrr20	https://doi.org/10.1080/03772063.2022.2096703	SCI

Swastika shaped slot embedded two port dual frequency band MIMO antenna for wireless applications	Rakesh N. Tiwari, Prabhakar Singh, Shivam Pandey, Ritika Anand, Dinesh Kumar Singh & Binod Kumar Kanaujia	ECE	Analog Integrated Circuits and Signal Processing	2022-23	Electronic ISSN 1573-1979 Print ISSN 0925-1030	https://www.springer.com/journal/10470	https://link.springer.com/article/10.1007/s10470-021-01923-x#citeas	SCI
Low power chaotic oscillator employing CMOS	Manoj JOSHI, Ashish Ranjan	ECE	Integration the VLSI Journal	2022-23	ISSN: 0167-9260	https://www.sciencedirect.com/science/article/pii/S0167926022000335	ISSN: 0167-9260	SCI/SCIE
A Wideband and Wide Axial Ratio Bandwidth Circularly Polarized Antenna Loaded with Circular Ring Slot	Shilpee PatilAlka VermaAnil Kumar PandeyAmit Kumar KesarwaniV. K. PandeyVinod M. Kapse	APPLIED SCIENCE	J. Microw. Optoelectron. Electromagn. Appl.	2022-23	2179-1074	https://www.scielo.br/journal/jmoea/about/#about	https://doi.org/10.1590/10742022v21i4264867	Scopus
Design and comparative analysis of circuit theory model-based slot-loaded printed rectangular monopole antenna for UWB applications with notch band	Ashok Yadav, Pramod Singh, Ramesh Kumar Verma, Vinod Kumar Singh	APPLIED SCIENCE	International Journal of Communication system	2022-23	1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.5390	SCI
Fuzzy Observer-Based Consensus Tracking Control for 2 Fractional-Order Multi-Agent Systems Under Cyber3 Attacks and Its Application to Electronic Circuit	G. Narayanan, M. Syed Ali , Quanxin Zhu , Senior Member, IEEE, Bandana Priya, and Ganesh Kumar Thakur	APPLIED SCIENCE	IEEE TRANSACTIONS ON NETWORK SCIENCE AND ENGINEERING	2022-23	2327-4697	https://www.ieee.org/publications/rights/index.html	doi:10.1109/TNSE.2022.3217618	SCI
Reactive Oxygen Species: Friend or Foe	MONIKA SINGH	APPLIED SCIENCE	Thermotolerance in Crop Plants	2022-23	978-981-19-3799-6	https://link.springer.com/chapter/10.1007/978-981-19-3800-9_6	https://doi.org/10.1007/978-981-19-3800-9_6	Scopus
Electrostatically functionalized CVD grown multiwalled carbon nanotube/palladium polymer nanocomposite (MWCNT/Pd) for methane detection at room temperature	Pooja Saxena, P Shukla, D Madwal, N Bhardwaj, V K Jain	APPLIED SCIENCE	Chemical Engineering Science	2022-23	0009-2509	https://www.sciencedirect.com/science/article/pii/S009250922007758?dgcid=coauthor	https://doi.org/10.1016/j.ces.2022.118191	SCI
Exploration of in vitro Antiherpetic Activity of Coumarin-sulphonamide Derivative against Genital Herpes	Ashish Kumar1 , Dipi Bharti2 , Navneet Kumar3 , Mamta Mishra4	APPLIED SCIENCE	Evergreen	2022-23	2189-0420	https://www.tj.kyushu-u.ac.jp/evergreen/	https://www.tj.kyushu-u.ac.jp/evergreen/contents/EG2023-10_1_content/pdf/p162-169.pdf	Scopus
Stability analysis for Nabra discrete fractional-order of Glucose-Insulin Regulatory System on diabetes mellitus with Mittag-Leffler kernel	G. Narayanan, M. Syed Ali, Grienggrai Rajchakit, Anuwat Jirawattanapanit, Bandana Priya	APPLIED SCIENCE	Biomedical Signal Processing and Control	2022-23	1746-8094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control	https://doi.org/10.1016/j.bspc.2022.104295	SCI
Adaptive event-triggered pinning synchronization control for complex networks with random saturation subject to hybrid cyber-attacks	Bandana Priya	APPLIED SCIENCE	International journal of adaptive control and signal processing	2022-23	1099-1115	https://doi.org/10.1002/acs.3625	https://doi.org/10.1002/acs.3625	SCI
Impulsive effects on stochastic bidirectional associative memory neural networks with reaction-diffusion and leakage delays	Ganesh Kumar Thakur, M Syed Ali, Bandana Priya, V Gokulakrishnan, Syeda Asma Kausar	APPLIED SCIENCE	International Journal of Computer Mathematics	2022-23	1029-0265	https://doi.org/10.1080/00207160.2021.1999428	https://doi.org/10.1080/00207160.2021.1999428	Scopus
Agrwealth: IoT Based Farming System in India	B K Tiwari	APPLIED SCIENCE		2022-23	2368-7487	https://sifisheriestsciences.com/journal/index.php/journal/article/view/1108	https://sifisheriestscience.com/journal/index.php/article/view/1108	Scopus
SYNTHESIS AND EVALUATION OF FLUORESCENT TOOLS FOR STUDIES OF CANCER BIOLOGY	B K Tiwari	APPLIED SCIENCE	Eur. Chem. Bull. 2023,	2022-23	2063-5346	Eur. Chem. Bull. 2023,	Eur. Chem. Bull. 2023,	Scopus
ANTIVIRAL DRUG MOLECULES FOR HIV-RELATED ENTRY OR FUSION INHIBITION: COMPUTER-AIDED MOLECULAR DESIGNING (CAMD), DOCKING STUDIES AND DENOVO SYNTHESIS	B K Tiwari	APPLIED SCIENCE	opean Chemical Bulletin	2022-23	2063-5346	doi: 10.48047/ecb/2023.12.si4.1313	doi: 10.48047/ecb/2023.12.si4.1313	Scopus
A NEW GENERATION OF ISOFORM SELECTIVE HSP90 INHIBITORS: TARGETING THE CYTOSOLIC HSP90 ISOFORMS	B K Tiwari	APPLIED SCIENCE	Eur. Chem. Bull. 2023,	2022-23	2063-5346	doi: 10.48047/ecb/2023.12.si4.1311	doi: 10.48047/ecb/2023.12.si4.1311	Scopus
MULTI-OBJECTIVE OPTIMIZATION OF AN AMMONIA-BASED MULTI-STAGE VAPOR COMPRESSION REFRIGERATION SYSTEM WITH FLASH INTERCOOLER CUM SUBCOOLER	Kaushlendra Kumar Singh, Rajesh Kumar, Anjana Gupta	APPLIED SCIENCE	International Journal of Energy for a Clean Environment	2022-23	2150-363X	https://www.dl.begellhouse.com/journals/6d18a859536a7b02_395cfe040d74be16_03873655208836d6.html	10.1615/InterJEnvironCleanEnv.2022038967	Scopus

MULTIOBJECTIVE OPTIMIZATION OF CASCADE REFRIGERATION SYSTEM USING NH3-CO2 AND NH3-N2O REFRIGERANT PAIRS	Kaushlendra Kumar Singh, Rajesh Kumar, Anjana Gupta	APPLIED SCIENCE	International Journal of Energy for a Clean Environment	2022-23	2150-363X	https://www.dl.begellhouse.com/journals/6d18a859536a7b02,395cfe040d74be16,03873655208836d6.html	DOI: 10.1615/InterJEnerCleanEnv.2022038967	Scopus
LRS Bianchi Type-I String Cosmological Models in Gravity	Mukesh Kumar, Manvinder Singh, Mohit Bajaj, Hossam Kotb, and Djeudjo Temene Hermann	Applied Science	Journal of Mathematics	2022-23	2314-4629	https://doi.org/10.1155/2023/7016804	https://doi.org/10.1155/2023/7016804	SCI
Sustainable Coloration and Bioactive Functionalization of Wool Fabric via Plant-based Naphthoquinone Compounds.	Shabbir, M., Mohammad, F.	APPLIED SCIENCE	Fibers Polym	2022-23	1875-0052	https://www.springer.com/journal/12221	https://doi.org/10.1007/s12221-023-00131-w	SCI
Dyeing of Wool with Sappan Wood Natural Dye Using Metal Salts for Enhancement in Color and Fastness Properties	Md Shabir	APPLIED SCIENCE	Regenerated Cellulose and Composites: Morphology-Property Relationship	2022-23	1544-046X	https://doi.org/10.1080/15440478.2023.2208890	https://doi.org/10.1080/15440478.2023.2208890	SCI
Artificial Intelligence-Based Approaches for Detection and Classification of Different Classes of Malaria Parasites Using Microscopic Images: A Systematic Review	Mohit Gotal	APPLIED SCIENCE	https://link.springer.com/journal/11831	2022-23	1134-3060	https://doi.org/10.1007/s11831-023-09959-0	https://doi.org/10.1007/s11831-023-09959-0	SCI
Antioxidant Potential of Glutathione and Crosstalk with Phytohormones in Enhancing Abiotic Stress Tolerance in Crop Plants	Monika Singh	APPLIED SCIENCE	Plants	2022-23	2223-7747	https://doi.org/10.3390/plants12051133	https://www.mdpi.com/2223-7747/12/5/1133	SCI
Antioxidant Phytonutrients Variation and Antioxidant Activity in Tomato (Solanum lycopersicum L)	MONIKA SINGH	APPLIED SCIENCE	Indian Journal of Agricultural Biochemistr	2022-23	0970-6399	https://www.indianjournals.com/ijor.aspx?target=ijor:ijab&volume=36&issue=1&article=005	10.5958/0974-4479.2023.00005.9	Scopus
ANFIS Computing for M/M/∞ Queue with Two Types of Service Interruption and Balking.	Singh, N., Jain, M. & Dhbar, S.	APPLIED SCIENCE	Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci.	2022-23	2250-1762	https://www.springer.com/journal/40010	https://doi.org/10.1007/s40010-023-00821-3	SCI
A review of recent developments and advances in environmental gas sensors to monitor toxic gas pollutants	Pooja Saxena, Prashant Shukla	APPLIED SCIENCE	Environmental Progress & Sustainable Energy	2022-23	1944-7442	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://doi.org/10.1002/ep.14126	SCI
Analysis of Multi-Stacked Dielectric Resonator Antenna with Its Equivalent R-L-C Circuit Modeling for Wireless Communication Systems.	Krishna, Ram, Agbotiname Lucky Imoize, Rajveer Singh Yaduvanshi, Harendra Singh, Arun Kumar Rana, and Subhendu Kumar Pani	APPLIED SCIENCE	Math. Comput. Appl.	2022-23	2297-8747	https://www.mdpi.com/journal/mca	https://doi.org/10.3390/mca28010004	Scopus
An Evaluation of Factors Affecting Family Business Succession for Smart Human Resource Management	Sunil Mishra, Nasa Dhanraj, M. Seethamahalakshmi, P. Venkaiah Babu, Rupa Zabulal Gupta, & Rashmi Mishra.	APPLIED SCIENCE	Journal of Pharmaceutical Negative Results,	2022-23	2229-7723	https://www.pnrjournal.com/index.php/home/article/view/2482	https://doi.org/10.47750/pnr.2022.13.506.435	Scopus
Numerical Study on the Impact of COVID – 19 to Insurance Sector	Rupa Sharma	APPLIED SCIENCE	Mathematical Statistician and Engineering Applications,	2022-23	2094-0343	https://www.philstat.org/index.php/MSEA/article/view/1844	https://www.philstat.org/index.php/MSEA/article/view/1844	Scopus
State-of-Charge Estimation in Lithium-Ion Battery for Electric Vehicle Applications: A Comparative Review	Priya, R.P., Mishra, S., Priyadarshi, A., Sanjay	APPLIED SCIENCE	Recent Advances in Power Electronics and Drives. Lecture Notes in Electrical Engineering	2022-23	978-981-19-7728-2	https://link.springer.com/chapter/10.1007/978-981-19-7728-2_7#citeas	https://doi.org/10.1007/978-981-19-7728-2_7	Scopus
Non-fragile synchronization of BAM neural networks with randomly occurring controller gain fluctuation	Ganesh Kumar Thakur, Sudesh Kumar Garg, Tej Singh, M Syed Ali, Tarun Arora	APPLIED SCIENCE	Mathematical Biosciences and Engineering	2022-23	1551-0018	https://www.aimspress.com/journal/mbe	10.3934/mbe.2023317	SCI
Homogeneity, Hardness Distribution, and Metallurgical Behavior of SS-304 Cladding Surface with Si, Ni, and TiO2	Shashi Prakash Dwivedi, Prashant Mukherjee & Satyendra Sharma	Civil	Australian Journal of Mechanical Engineering	2022-23	https://doi.org/10.1080/14484846.2023.2203884	https://www.tandfonline.com/toc/tmec20/current	https://doi.org/10.1080/14484846.2023.2203884	Scopus
"VISITOR FRIENDLY SMART CAR PARKING MANAGEMENT SYSTEM USING IOT, WEB TECHNOLOGY AND DEEP LEARNING"	Salman Khurshid Ahmad,	ACSE	European Chemical Bulletin	2022-23	7325-7343	https://www.eurchembull.com/search	https://www.eurchembull.com/uploads/paper/1d067e3d9430cd0ae5cad0bb2e06519a.pdf	SCOPUS
Social Distancing Using YOLOv3 Model	Alok Barddhan Sansar Singh Chauhan Anurag Gupta	CSE	Journal of Cyber Security, Privacy Issues and Challenges	2022-23	(e-ISSN: 2583-7656)	http://matjournals.co.in/index.php/JCSPIC/index	http://matjournals.co.in/index.php/JCSPIC/article/view/947	Others

Securing Data using Audio Steganography for the Internet of Things	Anju Gera	CSE	EAI Endorsed Transactions on Smart Cities	2022-23	2518-3893	https://publications.eai.eu/	https://eudl.eu/doi/10.4108/eetsc.v6i4.1775	Others
Message Security Enhanced By Bit Cycling Encryption and Bi-LSB Technique	Anju Gera	CSE	Evergreen	2022-23	2189-0420	https://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4843115/845-852.pdf	Scopus
A Real Time Dynamic Approach for Management of Vehicle Generated Traffic	Asha Rani Mishra, Sansar Singh Chauhan	CSE	Evergreen	2022-23	2189-0420(Print)	http://www.tj.kyushu-u.ac.jp/evergreen/	http://catalog.lib.kyushu-u.ac.jp/opac_detail_md/?lang=0&amode=MD10000&bibid=6781078	Scopus
TIME SERIES BASED PATTERN PREDICTION USING FBPROPHET ALGORITHM FOR COVID-19	Asha Rani Mishra	CSE	Journal of East China University of Science and Technology	2022-23	1006-3080	http://hdlgdxib.info/index.php/E_CUST/index	http://hdlgdxib.info/index.php/E_CUST/article/view/474	Others
DDNet-A Deep Learning Approach to Detect Driver Distraction and Drowsiness	Asha Rani Mishra, and Sansar Singh Chauhan	CSE	Evergreen	2022-23	2189-0420	https://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4843120/881-892.pdf	Scopus
ASSISTED LIVING CARE PREDICTIONS BASED ON AI AND MACHINE LEARNING	Ashish Jain	CSE	European Chemical Bulletin	2022-23	2063-5346	https://www.eurchembull.com/	https://www.eurchembull.com/uploads/paper/59fed84bd9ce26b630ecc1b9784906f4.pdf	Scopus
THE IMPACT OF DIGITALIZATION AND ENTERPRISE ARCHITECTURE DEPLOYMENT PRACTICE ON ORGANIZATIONAL BENEFIT	Ashish Jain	CSE	European Chemical Bulletin	2022-23	2063-5346	https://www.eurchembull.com/	https://www.eurchembull.com/uploads/paper/a9465bf279ca891faed3fac38a412547.pdf	Scopus
IMPLEMENTATION OF SMART HOME SECURITY AND AUTOMATION SYSTEM BASED ON IOT TECHNOLOGY	Ashish Jain	CSE	European Chemical Bulletin	2022-23	2063-5346	https://www.eurchembull.com/	https://www.eurchembull.com/uploads/paper/8cb326d3e458f774fcc6d1f5e92a5df2.pdf	Scopus
Wormhole attack detection techniques in ad-hoc network: A systematic review	Chitvan Gupta	CSE	Open Computer Science	2022-23	2299-1093	https://www.degruyter.com/journal/key/comp/html	https://www.degruyter.com/document/doi/10.1515/comp-2022-0245/html	Scopus & ESCI
Real-world model for bitcoin price prediction	Deepthi Mishra	CSE	Information Processing & Management	2022-23	18735371, 03064573	https://www.sciencedirect.com/journal/information-processing-and-management	https://www.sciencedirect.com/science/article/abs/pii/S030645732200084X?via%3Dihub	SCI
Fuzzy Expert System for Determining State of Solar Photo Voltaic Power Plant Based on Real-Time Data	Laxmi Kant Sagar	CSE	Evergreen	2022-23	2189-0420	https://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4843118/870-880.pdf	Scopus
Secure Encryption and Decryption Using Enhanced RSA	Megh Singhal	CSE	Journal of Cyber Security in Computer System	2022-23	2583-4703	https://matjournals.com/journal-of-Cyber-Security-in-Computer-System.html	https://matjournals.com.in/index.php/JCS/article/view/1332	Others
IoT based Smart Water Monitoring System	Palak Shandil	CSE	European Chemical Bulletin	2022-23	2063-5346	https://www.eurchembull.com	https://www.eurchembull.com/uploads/paper/f5d8d608bdca5644940e056154a9e7b.pdf	Scopus
A Survey of Different VANET Routing Protocols	Palak Shandil	CSE	EVERGREENJoint Journal of Novel Carbon Resource Sciences & Green Asia Strategy,	2022-23	2189-0420	https://www.tj.kyushu-u.ac.jp/evergreen/submit.php	https://www.tj.kyushu-u.ac.jp/evergreen/contents/EG2023-10_2_content/pdf/p976-997.pdf	Scopus
Prediction of Twitter Sentiment Analysis by Using Naive Bayes Algorithm	Pawan Kumar Singh	CSE	Journal of Big Data Technology and Business Analytics	2022-23	2583-7834	https://matjournals.com.in/index.php/JBDTBA/article/view/1720	https://matjournals.com.in/index.php/JBDTBA/article/view/1720	Others
Facial Emotion Song Recommender System	Pawan Kumar Singh	CSE	Research & Review: Machine Learning and Cloud Computing	2022-23	2583-4835	https://matjournals.com.in/index.php/RRMLCC/article/view/2200	https://matjournals.com.in/index.php/RRMLCC/article/view/2200	Others
Prediction of higher heating values based on imminent analysis by using regression analysis and artificial neural network for bioenergy resources	Pawan Kumar Singh, Sansar Singh Chauhan	CSE	Journal of Process Mechanical Engineering	2022-23	0954-4089	https://journals.sagepub.com/doi/abs/10.1177/09544089231175046	https://journals.sagepub.com/doi/abs/10.1177/09544089231175046	SCI/SCI-E
A Metaheuristic Optimization Approach-Based Anomaly Detection With Lasso Regularization	Payal Garg	CSE	IGI Global	2022-23	2166-7160	https://www.igi-global.com/journal/international-journal-software-innovation/64245	https://www.igi-global.com/article/a-metaheuristic-optimization-approach-based-anomaly-detection-with-lasso-regularization/297917	Scopus
A deep neural network with hybrid spotted hyena optimizer and grasshopper optimization algorithm for copy move forgery detection	Pushpa	CSE	Multimedia Tools and Applications	2022-23	13807501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-022-14163-6	SCIE
Maximizing user retention with machine learning enabled 6G channel allocation	Pushpa	CSE	International Journal of Information Technology	2022-23	2511-2112	https://www.springer.com/journal/41870	https://link.springer.com/article/10.1007/s41870-023-01249-z	Scopus
IoT and AI-based Intelligent Agriculture Framework for Crop Prediction	Pushpa	CSE	International Journal of Sensors Wireless Communications and Control	2022-23	2210-3279 (Print)	https://www.ingentaconnect.com/content/ben/swcc	https://www.ingentaconnect.com/content/ben/swcc/2023/00000013/0000003/art00003	Scopus

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Generalized Defensive Modeling of Malware Propagation in WSNs Using Atangana-Baleanu-Caputo (ABC) Fractional Derivative	Rudra Pratap Ojha	CSE	IEEE Access	2022-23	2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639	https://ieeexplore.ieee.org/document/10124213/authors	SCIE
Simulation of the Lightweight Blockchain Technique Based on Privacy and Security for Healthcare Data for the Cloud System	Satya Prakash Yadav	CSE	International Journal of E-Health and Medical Communications (IJEHMC)	2022-23	1947-3168	https://www.igi-global.com/journal/international-journal-health-medical-communications/1158	https://www.igi-global.com/journal/international-journal-health-medical-communications/1158	Scopus & ESCI
An epidemic model for the investigation of multi-malware attack in wireless sensor network	Shashank Awasthi, Naresh Kumar and Rudra Pratap Ojha	CSE	IET Communications	2022-23	1751-8636	https://ietresearch.onlinelibrary.wiley.com/journal/17518636	https://ietresearch.onlinelibrary.wiley.com/doi/pdf/10.1049/cmu2.12622	SCIE
VLSI Implementation of Error Correction Codes for Molecular Communication	Shashank Awasthi	CSE	Wireless Pers Commun	2022-23		https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-023-10399-z	SCIE
Prediction of health monitoring with deep learning using edge computing	Shivam Tiwari	CSE	Measurement: Sensors	2022-23	2665-9174	https://www.sciencedirect.com/journal/measurement-sensors	https://www.sciencedirect.com/science/article/pii/S2665917422002380?via%3DIhuh	Scopus
Experimental and Statistical Evaluation of Drilling Induced Damages in Glass Fiber Reinforced Polymer Composites – Taguchi Integrated Supervised Machine Learning Approach	Shivam Tiwari	CSE	Engineered Science	2022-23	2576-988X	https://www.espublisher.com/journals/id/engineered-science	https://www.espublisher.com/journals/article/details/733	Scopus
Digital Watermarking-Based Cryptosystem for Cloud Resource Provisioning	Shivam Tiwari	CSE	International Journal of Cloud Applications and Computing (IUCAC)	2022-23	2156-1834	https://www.igi-global.com/gateway/journal/41974	https://www.igi-global.com/gateway/article/311033	Scopus
Importance of Big Data Mining: (Tools, Techniques)	Shivam Tiwari, Sansar Singh Chauhan	CSE	Journal of Big Data Technology and Business Analytics	2022-23	2583-7834	http://matjournals.co.in/index.php/JBDTBA/index	http://matjournals.co.in/index.php/JBDTBA/article/view/963	Others
Prediction of health monitoring with deep learning using edge computing.	Shivam Tiwari	CSE	Measurement: Sensors	2022-23	26659174	https://www.sciencedirect.com/journal/measurement-sensors	https://www.sciencedirect.com/science/article/pii/S2665917422002380?via%3DIhuh	Scopus
A Review: Different Dimensions of Processing Units of Big Data	Shivam Tiwari, and Sansar Singh Chauhan	CSE	Journal of Big Data Technology and Business Analytics	2022-23	2583-7834	http://matjournals.co.in/index.php/JBDTBA	http://matjournals.co.in/index.php/JBDTBA/article/view/1014	Other
Peripheral blood cell classification using modified local-information weighted fuzzy C-means clustering-based golden eagle optimization model.	Shivani Joshi, Rajiv Kumar	CSE	Soft Computing	2022-23	14327643, 14337479	https://www.springer.com/journal/500	https://link.springer.com/article/10.1007/s00500-022-07392-2	SCIE
Water wave optimized nonsubsampled shearlet transformation technique for multimodal medical image fusion	Shivani Joshi, Rajiv Kumar, Sansar Singh Chauhan	CSE	Wiley Online Library (CONCURRENCY AND COMPUTATION: PRACTICE & EXPERIENCE)	2022-23	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/10.1002/cpe.7591	SCIE
LSTM-based adaptive whale optimization model for classification of fused multimodality medical image	Shivani Joshi, Rajiv Kumar	CSE	Signal, Image and Video Processing	2022-23	1863-1711	https://www.springer.com/journal/11760	https://link.springer.com/article/10.1007/s11760-022-02439-1	SCIE
Does green self-identity influence the revisit intention of dissatisfied customers in green restaurants?	Dr. Vikas Tripathi	Management	Management of Environmental Quality	2022-23	1477-7835	https://www.emerald.com/insight/publication/issn/1477-7835	https://www.emerald.com/insight/content/doi/10.1108/MEQ-03-2022-0076/full/html	Scopus
Investigating the impact of authenticity of socialmedia influencers on followers' purchase behavior: mediating analysis of parasocial interaction on Instagram	Dr. Vikas Tripathi	Management	Asia Pacific Journal of Marketing and Logistics	2022-23	1355-5855	https://www.emerald.com/insight/content/doi/10.1108/APJML-07-2022-0598/full/html	https://www.emerald.com/insight/content/doi/10.1108/APJML-07-2022-0598/full/html	Scopus
Impact of Financial Inclusion on India's Economic Development under the Moderating Effect of Internet Subscribers	Dr. Vikas Tripathi	Management	Journal of Risk and Financial Management	2022-23	https://doi.org/10.3390/jrfm16050262	https://www.mdpi.com/1911-8074/16/5/262#:~:text=However%2C%20when%20the%20internet%20subscribers,financial%20inclusion%20and%20economic%20growth	https://www.mdpi.com/1911-8074/16/5/262#:~:text=However%2C%20when%20the%20internet%20subscribers,financial%20inclusion%20and%20economic%20growth	Scopus
Exploring consumers' motives for electric vehicle adoption: bridging the attitude-behavior gap	Dr. Vikas Tripathi	Management	Benchmarking: An International	2022-23	1463-5771	https://www.emerald.com/insight/content/doi/10.1108/BIJ-10-2021-0618/full/html	https://www.emerald.com/insight/content/doi/10.1108/BIJ-10-2021-0618/full/html	Scopus
Unleashing the Power of Data Analytics for Managing Business and Innovation",	Dr. Shuchi Mehra	Management	Journal	2022-23	2349-9249	https://www.tijer.org/	https://www.tijer.org/viewpaperforall?paper=TJER2304207	Google Scholar
Analytics in Healthcare and Bio-Sustainability	Dr. Shuchi Mehra	Management	Journal of Emerging Technologies and Innovative Research	2022-23	2349-5162	http://www.jetir.org	https://www.jetir.org/view?paper=JETIR2304720	UGC Approved Journal
Learning with Artificial Intelligence	Dr. Shuchi Mehra	Management	European Chemical Bulletin	2022-23	2063-5346	https://eurchembull.com/	https://eurchembull.com/uploads/paper/b4ac70ae508d1e21520fe6e198d70172.pdf	Scopus

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A Descriptive Study on The Role of Change Management in Digital Transformation	Mr. Diwakar Chaudhary	Management	European Chemical Bulletin	2022-23	2063-5346	https://eurchembull.com/	https://www.eurchembull.com/issue-content/a-descriptive-study-on-the-role-of-change-management-in-digital-transformation-9140	Scopus
Sustainability in Fashion Industry: A novel approach for consumer buying decision in post pandemic era	Mr. Diwakar Chaudhary	Management	Journal of Namibian Studies	2022-23	2197-5523	https://namibian-studies.com/index.php/JNS/index	https://namibian-studies.com/index.php/JNS/article/view/2443	Indexing in BASE
Impact of Artificial Intelligence as a CRM tool in the indian retail sector in the post pandemic era	Mr. Diwakar Chaudhary	Management	Journal of Data Acquisition and Processing	2022-23	1004-9037	https://sjcjycl.cn/index.php	http://sjcjycl.cn/article/view-2023/4006.php	Indexing in Scopus
Organizational Mindfulness: A Transformational Approach Towards Social Sustainability	Mr. Diwakar Chaudhary	Management	Journal of Namibian Studies	2022-23	2197-5523	https://namibian-studies.com/index.php/JNS/index	https://namibian-studies.com/index.php/JNS/article/view/2324	Indexing in BASE:
A Psychological Approach To Promote Climate Change and SustainableEconomic Development Using Information and Communication Based Applications	Mr. Diwakar Chaudhary	Management	Journal for ReAttach Therapy and Developmental Diversities	2022-23	2589-7799	https://www.jrtdd.com/index.php/journal	https://www.jrtdd.com/index.php/journal/article/view/880	Indexing in Scopus
Comparative Analysis of Indian Public Sector and Private Sector Banks Based on the CAMEL Model	Dr. Ritika Srivastava	Management	Madhya Pradesh Journal of Social Sciences	2022-23	0973-855X	https://portal.issn.org/resource/ISSN/0973-855X	Published	Indexing in UGC care listed Group II
New fold of energy conservation for new Business World Green computing	Ms Shweta singh	Management	global journal of engennring science and social science studies	2022-23	23943084	"NEW FOLD OF ENERGY CONSERVATION FOR NEW BUSINESS WORLD: GREEN COMPUTING AND CORPORATE SOCIAL RESPONSIBILITY" Ms. Shweta Singh Global Journal of Engineering, Science & Social Science Studies- ISSN- 2394-3084 (edwin.co.in)	Published	Indexing in UGC care listed Group I
Green financing:New mode of Financial service in 21st century	Dr. Vineet Sengar	Management	south asia journal of multidisciplinary studies	2022-23	23951079	https://journals.edwin.co.in/index.php/esajms/article/view/4110	Published	Indexing in UGC care listed Group I
Impact of Covid-19 on the NSE Nifty and the Gross Domestic Product: Evidence from India	Dr. Sudha Swaroop	Management	Journal of Information and Optimization Sciences	2022-23	2169-0103	https://www.tandfonline.com/doi/abs/10.1080/02522667.2022.2125063	https://www.tandfonline.com/doi/abs/10.1080/02522667.2022.2125063	ABDC
IoT and AI-based Intelligent Agriculture Framework for Crop Prediction	Dr. Narendra Singh	Management	International Journal of Sensors Wireless Communications and Control	2022-23	2210-3279 (Print)	https://www.ingentaconnect.com/content/ben/swcc	https://www.ingentaconnect.com/content/ben/swcc/2023/0000013/0000003/art00003	Scopus
E-Adoption of Emerging Technology in the Health Sector During COVID-19	Dr. Narendra Singh	Management	International Journal of E-Adoption (IJEAE)	2022-23	1937-9633	https://www.igi-global.com/journal/international-journal-adoption/1107	https://www.igi-global.com/article/e-adoption-of-emerging-technology-in-the-health-sector-during-covid-19/309999	Scopus
Human-Robotic Interaction: State and Challenges	Ms. Shivani Garg	IT	International Journal of Artificial Intelligence, Internet of Things and Cloud Computing (IJAIC)	2022-23	2583-8911	https://sdbc.ac.in/ijaic/	https://sdbc.ac.in/ijaic/Research%20Paper%20DDC/Shivani%20Garg.pdf	Scopus Under Processing
A Survey on Sentiment Analysis with Twitter	Ms. Shivani Garg	IT	International Journal of Artificial Intelligence, Internet of Things and Cloud Computing (IJAIC)	2022-23	2583-8912	https://sdbc.ac.in/ijaic/	https://sdbc.ac.in/ijaic/Research%20Paper%20DDC/Palak%20Arora.pdf	Scopus Under Processing
Green Cloud Computing for Sustainable Environment: A Review	Ms. Shivani Garg	IT	International Journal of Artificial Intelligence, Internet of Things and Cloud Computing (IJAIC)	2022-23	2583-8913	https://sdbc.ac.in/ijaic/	https://sdbc.ac.in/ijaic/Research%20Paper%20DDC/Viney%20Goyal.pdf	Scopus Under Processing
Movie Recommender Model using Machine Learning: A Review	Ms. Shivani Garg	IT	International Journal of Artificial Intelligence, Internet of Things and Cloud Computing (IJAIC)	2022-23	2583-8914	https://sdbc.ac.in/ijaic/	https://sdbc.ac.in/ijaic/Research%20Paper%20DDC/Nandini%20Mehta.pdf	Scopus Under Processing
Three-Dimensional Numerical Simulations to Extend the Measurement Range of Laminar Burning Velocity of Heat Flux Burners	Vinod Kumar Yadav	Mechanical Engineering	Flow, Turbulence and Combustion	2022-23	1573-1987	https://www.springer.com/journal/10494	https://doi.org/10.1007/s10494-023-00398-2	SCI

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Performance of latent heat storage (LHS) systems using pure paraffin wax as working substance	Dawit Gudeta Gunjo, Vinod Kumar Yadav, Devendra Kumar Sinha, H. A. Rafeay, GMS Ahmed and Mostafa A. H. Abelmohimen.	Mechanical Engineering	Case Studies in Thermal Engineering	2022-23	2214-157X	https://www.sciencedirect.com/journal/case-studies-in-thermal-engineering	https://doi.org/10.1016/j.csite.2022.102399	SCIE
Investigation on mechanical properties of ZTA+ Cr 3 C 2 + Ni reinforced EN31 steel-based composite material: Micromechanical finite-element analysis	Ambuj Saxena, Shashi Prakash Dwivedi, Abhishek Kaushik, Shubham Sharma	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2022-23	0954-4089	https://journals.sagepub.com/home/PIE	https://doi.org/10.1177/09544089221113141	SCI
Micro-Mechanical Finite Element Analysis on Mechanical Behavior of EN31 Steel-Based Metal Matrix Composite	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Abhishek Kaushik, Shubham Sharma	Mechanical Engineering	Transactions of the Indian Institute of Metals	2022-23	0975-1645	https://www.springer.com/journal/12666	https://doi.org/10.1007/s12666-022-02691-6	SCIE
Investigation on Carbonation and Permeability of Concrete with Rice Husk Ash and Shop Solution Addition	Manish Kumar, Ashutosh Anand, Rajeshwari Chatterjee, Shubham Sharma, Tushar Kanti Maiti, Shashi Prakash Dwivedi, Ambuj Saxena, Changhe Li, Elsayed Mohamed Tag Eldin	Mechanical Engineering	Materials	2022-23	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma15176149	SCIE
Technical Risk Assessment for the Safe Design of a Man-Rider Chair Lift System	Mohd Ahtesham Hussain Siddiqui, Shahzad Akhtar, Somnath Chattopadhyaya, Shubham Sharma, Changhe Li, Shashi Prakash Dwivedi, Katarzyna Antosz, José Machado	Mechanical Engineering	Machines	2022-23	2075-1702	https://www.mdpi.com/journal/machines	https://doi.org/10.3390/machines10090769	SCIE
Effect of Ranque-Hilsch Vortex Tube Cooling to Enhance the Surface-Topography and Tool-Wear in Sustainable Turning of Al-5.6 Zn-2.5 Mg-1.6 Cu-0.23 Cr-T6 Aerospace Alloy	Jasjeevan Singh, Simranpreet Singh Gill, Manu Dogra, Shubham Sharma, Mandeep Singh, Shashi Prakash Dwivedi, Changhe Li, Sunpreet Singh, Shoaib Muhammad, Bashir Salah, Mohamed A Shamseldin	Mechanical Engineering	Materials	2022-23	1996-1944	https://www.mdpi.com/journal/machines	https://doi.org/10.3390/ma15165681	SCIE

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Grain size, coefficient of thermal expansion and corrosion behavior of eggshell and rice husk ash reinforced composite material	Anas Islam, Shashi Prakash Dwivedi, Rajat Yadav, Vijay Kumar Dwivedi	Mechanical Engineering	World Journal of Engineering	2022-23	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://www.emerald.com/insight/content/doi/10.1108/WJE-02-2022-0087/full/html	SCOPUS
Microstructure and Tribo-corrosion Behavior of Stainless Steel-304 Cladding with the Mixture of Nickel and Chromium Carbide by Microwave Energy	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of the Institution of Engineers (India): Series D	2022-23	2250-2131	https://www.springer.com/journal/40033	https://doi.org/10.1007/s40033-022-00439-6	SCOPUS
A comparatively numerical investigation on heat transfer behavior of different materials used for internal combustion engines	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Abhishek Sharma, Vinod Kumar Yadav, Krovvidi Srinivas, Abhishek Kaushik, Nitin Kotkunde, and Shubham Sharma	Mechanical Engineering	International Journal of Engine Research	2022-23	2041-3149	https://journals.sagepub.com/home/JER	https://doi.org/10.1177/14680874221112722	SCIE
Optimization of diesel engine performance and emission characteristics with cerium oxide nanoparticles mixed waste cooking oil biodiesel blends	Alok Lakhera, Narendra Kumar, Abhishek Sharma, Ambuj Saxena, Aditya Kumar Padap, Arvind Kumar Yadav, and Vijay Kumar Dwivedi	Mechanical Engineering	International Journal of Engine Research	2022-23	2041-3149	https://journals.sagepub.com/home/JER	https://doi.org/10.1177/14680874221133223	SCIE
Application of proposed hybrid active genetic algorithm for optimization of traveling salesman problem	Rahul Jain, Kushal Pal Singh, Arvind Meena, Kun Bihari Rana, Makkhan Lal Meena	Mechanical Engineering	Application of soft computing	2022-23	1433-7479	https://www.springer.com/journal/500	https://doi.org/10.1007/s00500-022-07581-z	SCIE
Recovery of Cr from chrome-containing leather wastes to develop aluminum-based composite material along with Al ₂ O ₃ ceramic particles: An ingenious approach	Shashi Prakash Dwivedi, Michal Petru, Ambuj Saxena, Shubham Sharma, Madhulika Mishra, Alokesh Pramanik, Sunpreet Singh, Changhe Li, and Rushdan Ahmad Ilyas	Mechanical Engineering	Nanotechnology Reviews	2022-23	2191-9097	https://www.degruyter.com/journal/key/ntrev/html	https://doi.org/10.1515/ntrev-2022-0406	SCIE
Review paper on thermal expansion and tribological behavior of composite materials	Abhishek Verma, Shailendra Singh Chauhan, Shashi Prakash Dwivedi	Mechanical Engineering	Materials Today: Proceedings	2022-23	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2022.11.073	Scopus
Effect of microwave sintering on the microstructure and mechanical properties of Al-Al ₂ O ₃ -Si ₃ N ₄ hybrid composite fabricated by powder metallurgy techniques	Shashi Prakash Dwivedi	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2022-23	2041-2983	https://journals.sagepub.com/home/PIC	10.1177/09544062231159826	SCIE

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Representative volume element (RVE) based FEA investigation on the plastic flow behaviour of friction-stir processed AA7075/Si3N4 composite under constrained deformation conditions	Ambuj Saxena, Shashi Prakash Dwivedi	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2022-23	0954-4089	https://journals.sagepub.com/home/PIE	https://doi.org/10.1177/09544089231193603	SCI
Tribo-mechanical, physical and thermal behaviour of Al/Si3N4 composite with and without the addition of Cu, Ni and Cr entropy elements	Shashi Prakash Dwivedi, Ashok Kumar Yadav, Ambuj Saxena, Vijay Kumar Dwivedi	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2022-23	0954-4089	https://journals.sagepub.com/home/PIE	https://doi.org/10.1177/09544089231189663	SCI
Development and characterization of grinding sludge-reinforced aluminum-based composite by friction stir process technique	Shashi Prakash Dwivedi	Mechanical Engineering	World Journal of Engineering	2022-23	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://doi.org/10.1108/WJE-12-2022-0484	Scopus
Experimental investigations of electrodeposited Zn-Ni, Zn-Co, and Ni-Cr-Co-based novel coatings on AA7075 substrate to ameliorate the mechanical, abrasion, morphological, and corrosion properties for automotive applications	Govindaswamy Sundaramali, Jeeva P Aiyasamy, Sambantham Karthikeyan, Thanjavur K Kandavel, Balasubramanian Arulmurugan, Sivanraju Rajkumar, Shubham Sharma, Changhe Li, Shashi Prakash Dwivedi, Abhinav Kumar, Rajesh Singh, Sayed M Eldin	Mechanical Engineering	Reviews on Advanced Materials Science	2022-23	1605-8127	https://www.degruyter.com/journal/key/rams/html	https://doi.org/10.1515/rams-2022-0324	SCIE
Heat treatment behavior of Cr in the form of collagen powder and Al2O3 reinforced aluminum-based composite material	Shashi Prakash Dwivedi, Shubham Sharma, BDY Sunil, Nakul Gupta, Kuldeep K Saxena, Sayed M Eldin, Sana Shahab, Mohammed Ayad Alkhafaji, Sherzod Shukhratovich Abdullaev	Mechanical Engineering	Journal of Materials Research and Technology	2022-23	2214-0697	https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology	https://doi.org/10.1016/j.jmrt.2023.06.203	SCIE
Tribological and Corrosion Behavior of Eggshell and Agro-waste RHA Reinforced Al Alloy Composite Material with and without Ball-Milling	Shashi Prakash Dwivedi, Vijay Kumar Dwivedi, Rajat Yadav	Mechanical Engineering	Journal of The Institution of Engineers (India): Series D. Metallurgical & Materials and Mining Engineering	2022-23	2250-2130	https://www.springer.com/journal/40033	https://doi.org/10.1007/s40033-023-00492-9	Scopus
Mechanical and Microstructure Behavior of Cladding Surface SS-304 Coating with Ni and Al2O3 by Microwave Technique	Shashi Prakash Dwivedi, Manish Maurya, Shubham Sharma	Mechanical Engineering	Journal of The Institution of Engineers (India): Series C Mechanical, Production, Aerospace and Marine Engineering	2022-23	2250-0553	https://www.springer.com/journal/40032/	https://doi.org/10.1007/s40032-023-00947-8	Scopus
Homogeneity, Hardness Distribution, and Metallurgical Behavior of SS-304 Cladding Surface with Si, Ni, and TiO2	Shashi Prakash Dwivedi, Prashant Mukherjee, Satyendra Sharma	Mechanical Engineering	Australian Journal of Mechanical Engineering	2022-23	2204-2253	https://www.tandfonline.com/journals/tmec20	https://doi.org/10.1080/14484846.2023.2203884	Scopus

STUDIES ON PHYSICAL, MICRO-STRUCTURAL, AND SLURRY EROSION BEHAVIOR OF COLD-SPRAYED Ni-20Cr+TiC+ Re COATINGS ON SA516 STEEL FOR HIGH-TEMPERATURE APPLICATIONS	Yadvinder Singh, Shubham Sharma, Gurpreet Singh, Gursharan Singh, Jujhar Singh, Shashi Prakash Dwivedi, Sunpreet Singh, Ranvijay Kumar, S Chattopadhyaya, Changhe Li	Mechanical Engineering	Surface Review and Letters	2022-23	1793-6667	https://www.worldscientific.com/worldscinet/srl	https://doi.org/10.1142/S0218625X2350021X	SCI
Metallic cladding through microwave energy of the mixture of Ni and 15% SiC powder on AISI 304: A green approach in surface engineering	Shashi Prakash Dwivedi, Shubham Sharma	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2022-23	0954-4089	https://journals.sagepub.com/home/PIE	https://doi.org/10.1177/09544089231167930	SCI
Effect of zirconium diboride addition in zirconium dioxide reinforced aluminum-based composite fabricated by microwave sintering technique	Shashi Prakash Dwivedi, Ambuj Saxena, Irfan Haider, Shubham Sharma	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2022-23	0954-4089	https://journals.sagepub.com/home/PIE	https://doi.org/10.1177/09544089231164272	SCI
Recovery of Al ₂ O ₃ /Al powder from aluminum dross to utilize as reinforcement along with graphene in the synthesis of aluminum-based composite	Shashi Prakash Dwivedi, Shubham Sharma	Mechanical Engineering	Particulate Science and Technology	2022-23	1548-0046	https://www.tandfonline.com/journals/upst20	https://doi.org/10.1080/02726351.2023.2190049	SCIE
The Microstructure and Properties of Ni-Si-La ₂ O ₃ Coatings Deposited on 304 Stainless Steel by Microwave Cladding	Shashi Prakash Dwivedi, Shubham Sharma, Kanta Prasad Sharma, Abhinav Kumar, Ashish Agrawal, Rajesh Singh, Sayed M Eldin	Mechanical Engineering	Materials	2022-23	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma16062209	SCIE
Effect of microwave sintering on the microstructure and mechanical properties of Al-Al ₂ O ₃ -Si ₃ N ₄ hybrid composite fabricated by powder metallurgy techniques	Shashi Prakash Dwivedi	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2022-23	2041-2983	https://journals.sagepub.com/home/PIC	https://doi.org/10.1177/09544062231159826	SCIE
An investigation on microstructural features and bonding strength of magnesium-based multifunctional laminated composite developed by friction stir additive manufacturing	Ashish Kumar Srivastava	Mechanical Engineering	The International Journal of Advanced Manufacturing Technology	2022-23	1433-3015	https://www.springer.com/journal/170	https://doi.org/10.1007/s00170-023-11911-2	SCI
Investigation on Bonding Strength and Tribological Performances of Ceramic Laminated AA6063 Composite Developed by Friction Stir Additive Manufacturing	Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Precision Engineering and Manufacturing-Green Technology	2022-23	2198-0810	https://www.springer.com/journal/40684	https://doi.org/10.1007/s40684-023-00545-0	SCI
Bonding strength and microstructural features of Al5083-AZ31B alloys laminated sheet through friction stir additive manufacturing	Ashish Kumar Srivastava	Mechanical Engineering	Journal of Adhesion Science and Technology	2022-23	1568-5616	https://www.tandfonline.com/journals/tast20	https://doi.org/10.1080/01694243.2023.2240637	SCI
Effect of eggshell powder on the microstructural and thermal behavior of Al7075/waste eggshell surface composites produced by solid-state friction stir processing developed for potential thermal applications	Ashish Kumar Srivastava	Mechanical Engineering	The International Journal of Advanced Manufacturing Technology	2022-23	1433-3015	https://www.springer.com/journal/170	https://doi.org/10.1007/s00170-023-11600-0	SCI
Microstructural, mechanical and tribological performance of a magnesium alloy AZ31B/Si ₃ N ₄ /eggshell surface composite produced by solid-state multi-pass friction stir processing	Ashish Kumar Srivastava	Mechanical Engineering	Materials Chemistry and Physics	2022-23	1879-3312	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://doi.org/10.1016/j.matchemphys.2023.12769	SCI
Comparison of Continuous and Pulsating Water Jet during Piercing of Ductile Material	Ashish Kumar Srivastava	Mechanical Engineering	Materials	2022-23	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma16093558	SCI

Utilization of Plastic Waste for Developing Composite Bricks and Enhancing Mechanical Properties: A Review on Challenges and Opportunities	Ashish Kumar Srivastava	Mechanical Engineering	Advances in Polymer Technology	2022-23	0730-6679	https://www.hindawi.com/journals/apt/	https://doi.org/10.1155/2023/6867755	SCI
Firefly Algorithm and Neural Network Employment for Dilution Analysis of Super Duplex Stainless Steel Clads over AISI 1020 Steel Using Gas Tungsten Arc Process	Ashish Kumar Srivastava	Mechanical Engineering	Coatings	2022-23	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings13050841	SCI
Modeling and analysis of K15 hollow glass microballoons filled epoxy syntactic foam for lightweight structures	Ashish Kumar Srivastava	Mechanical Engineering	International Journal on Interactive Design and Manufacturing (IJDeM)	2022-23	1955-2505	https://www.springer.com/journal/12008	https://doi.org/10.1007/s12008-023-01277-w	Web of Science (ESCI with IF)
Color-Coded Light Signals Based Communication for Swarming Behaviors in Mobile Robotic System	Ashish Kumar Srivastava	Mechanical Engineering	Journal of Sensors	2022-23	1687-7268	https://www.hindawi.com/journals/js/	https://doi.org/10.1155/2023/8660847	SCI
The Effect of Various Contaminants on the Surface Tribological Properties of Rail and Wheel Materials: An Experimental Approach	Ashish Kumar Srivastava	Mechanical Engineering	Coatings	2022-23	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings13030560	SCI
Research Progress in Metals and Alloys by Thermal Layering and Deposition	Ashish Kumar Srivastava	Mechanical Engineering	Coatings	2022-23	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings13020366	SCI
An Investigation for Minimizing the Wear Loss of Microwave-Assisted Synthesized g-C ₃ N ₄ /MoS ₂ Nanocomposite Coated Substrate	Ashish Kumar Srivastava	Mechanical Engineering	Coatings	2022-23	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings13010118	SCI
Machining performance and sustainability analysis of PMEDM process using green dielectric fluid	Ashish Kumar Srivastava	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2022-23	1806-3691	https://www.springer.com/journal/40430	https://doi.org/10.1007/s40430-022-03878-0	SCI
Surface Modification and Parametric Optimization of Tensile Strength of Al6082/SiC/Waste Material Surface Composite Produced by Friction Stir Processing	Ashish Kumar Srivastava	Mechanical Engineering	Coatings	2022-23	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12121909	SCI
Microwave-Assisted Synthesis, Characterization and Tribological Properties of a g-C ₃ N ₄ /MoS ₂ Nanocomposite for Low Friction Coatings	Ashish Kumar Srivastava	Mechanical Engineering	Coatings	2022-23	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12121840	SCI
Tribological characteristics of Al ₃ Si ₃ N ₄ /eggshell surface composite produced by friction stir processing	Ashish Kumar Srivastava	Mechanical Engineering	Coatings	2022-23	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12091362	SCI
Effective Evaluation of Elastic Properties of a Graphene and Ceramics Reinforced Epoxy Composite under a Thermal Environment Using the Impact Hammer Vibration Technique	Ashish Kumar Srivastava	Mechanical Engineering	Coatings	2022-23	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12091325	SCI
Effect of eggshell waste and B4C particles on the mechanical and tribological properties of Al7075 alloy developed by friction stir processing	Ashish Kumar Srivastava	Mechanical Engineering	Metallurgical Research & Technology	2022-23	2271-3646	https://www.metallurgical-research.org/	https://doi.org/10.1051/metal/2022055	SCI
Stability analysis for Nabla discrete fractional-order of Glucose ^α Insulin Regulatory System on diabetes mellitus with Mittag-Leffler kernel	Bandana Priya	Applied Science and Humanities	Biomedical Signal Processing and Control	2021-22	1746-8108	Biomedical Signal Processing and Control Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.bspc.2022.104295	SCIE
The Karush-Kuhn-Tucker (KKT) optimality conditions for fuzzy-valued fractional optimization problems	Deepika Agarwal	Applied Science and Humanities	Mathematics and Computers in Simulation	2021-22	1872-7166	Mathematics and Computers in Simulation Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.mcs.2022.10.024	SCIE
Electrostatically functionalized CVD grown multiwalled carbon nanotube/palladium polymer nanocomposite (MWCNT/Pd) for methane detection at room temperature	Pooja Saxena	Applied Science and Humanities	Chemical Engineering Science	2021-22	1873-4405	Chemical Engineering Science Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.ces.2022.118191	SCIE

Fuzzy observer-based consensus tracking control for fractional-order multi-agent systems under cyber-attacks and its application to electronic circuits	Bandana Priya	Applied Science and Humanities	IEEE Transactions on Network Science and Engineering	2021-22	2327-4697	IEEE Xplore: IEEE Transactions on Network Science and Engineering	Fuzzy Observer-Based Consensus Tracking Control for Fractional-Order Multi-Agent Systems Under Cyber-Attacks and Its Application to Electronic Circuits IEEE Journals & Magazine IEEE Xplore	SCIE
On the Finite-Time Boundedness and Finite-Time Stability of Caputo-Type Fractional Order Neural Networks with Time Delay and Uncertain Terms	Bandana Priya	Applied Science and Humanities	Fractal and Fractional	2021-22	2504-3110	Fractal and Fractional An Open Access Journal from MDPI	https://doi.org/10.3390/fractalfract6070368	SCIE
APPROXIMATION FOR GUPTA TYPE GENERAL OPERATORS BASED ON MIHEAN BASIS FUNCTIONS	Sangeeta Garg	Applied Science and Humanities	Publications de l'Institut Mathematique	2021-22	0350-1302	http://elib.mi.sanu.ac.rs/journals/publ	https://doi.org/10.2298/PIM2225077G	ESCI/SCOPUS
An Evaluation of Factors Affecting Family Business Succession for Smart Human Resource Management	Rashmi Mishra	Applied Science and Humanities	Journal of Pharmaceutical Negative Results	2021-22	0976-9234	About the Journal Journal of Pharmaceutical Negative Results (pnjournal.com)	https://doi.org/10.47750/pnr.2022.13.506.435	SCOPUS
Design of a Biosensor for the Detection of Dengue Virus Using 1D Photonic Crystals	Sanjeev Sharma, Arun Kumar	Applied Science and Humanities	Plasmonics	2021-22	1557-1955	https://www.springer.com/journal/11468	https://doi.org/10.1007/s11468-021-01555-x	SCIE
A simple and compact broadband circularly polarized circular slot antenna for WLAN/WiMAX/DBS applications	Shilpee Patil, Anil Kumar Singh, Vijay Kumar Pandey, Binod Kumar Kanaujia and Anil Kumar Pandey	Applied Science and Humanities	Frequenz	2021-22	2191-6349	https://www.degruyter.com/journal/key/freq/html	https://doi.org/10.1515/freq-2021-0118	SCIE
Choice of an Outdoor Game by mixed one Parametric IFMeasures	Rupa Rani Sharma	Applied Science and Humanities	International Journal of Economic Perspectives,	2021-22	1307-1637	https://ijeonline.org/index.php/journal	https://ijeonline.org/index.php/journal/article/view/193/210	SCOPUS
Monitoring of PAHs (Fluoranthene and Benzo(a)Anthracene) in Ambient Air of Ghaziabad Area of National Capital Region and Control of Air Pollution by Triveni Wood, Polycyclic Aromatic Compounds	Nidhi Rani	Applied Science and Humanities	Polycyclic Aromatic Compounds	2021-22	1040-6638	https://www.tandfonline.com/journals/gpol20	https://doi.org/10.1080/10406638.2022.2067193	SCIE
EXPLORATION OF NEWER POSSIBILITIES TO THE SYNTHESIS OF SMALL MOLECULES OF MEDICINAL SYNTHESIS OF SMALL MOLECULES OF MEDICINAL	Meenakshi Shram, Deepthi, Ashish Kumar	Applied Science and Humanities	YMER	2021-22	0044-0477	http://ymerdigital.com/	https://www.scilit.net/article/bc04189c0f5816eac024118329398771	SCOPUS
Biomass wastes: A potential catalyst source for biodiesel production,	Soumya Parida, Monika Singh, Subhalaxmi Pradhan,	Applied Science and Humanities	Bioresource Technology Reports	2021-22	2589-014X	https://www.sciencedirect.com/journal/bioresource-technology-reports	https://doi.org/10.1016/j.bite.2022.101081	SCOPUS
Automatic Framework for Vegetable Classification using Transfer-Learning	Harendra Singh1, Roop Singh2, Parul Goel3, Anil Singh4 and Naveen Sharma	Applied Science and Humanities	International Journal of Electrical and Electronics Research (IJEER)	2021-22	2347-470X	https://ijeer.forexjournal.co.in/	https://doi.org/10.37391/IJEER.100257	SCOPUS
Two Level Storage Inventory Model with Ramp Type Demand under Inflationary Environment with Partial Backordering	Vineet Kumar, Sudesh Kumar Garg, Soniya Gupta, Sanjay Kumar Sharma	Applied Science and Humanities	Evergreen	2021-22	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4794161	SCOPUS
Exergo-economic analysis and optimization of cooled CGAM cycle: A gas turbine based co-generation cycle	Shivam Mishra	Applied Science and Humanities	International Journal of Engine Research.	2021-22	1468-0874	https://journals.sagepub.com/home/ier	https://doi.org/10.1177/14680874221104634	SCI
Use of Quantum Chemical Parameters in Biochemical Interaction Analysis of Flavonoid Derivatives as Tyrosin kinase Inhibitors	Brij Kishore Tiwari1 , Mamta Thakur2 , Abhilash Thakur3 , Ashish sharma4 , Subhadra Rajput5 , Dipiti Bharti6	Applied Science and Humanities	International Journal of Application or Innovation in Engineering & Management (IIAEM)	2021-22	2319-4847	www.iiuem.org	https://www.iiuem.org/pabstract.php?vol=Volume11Issue2&pid=IIAEM-2022-02-15-2	SCOPUS
Riemann integrability based optimality criteria for fractional optimization problems with fuzzy parameters	Deepika Agrawal, P Singh	Applied Science and Humanities	Iranian Journal of Fuzzy system	2021-22	1735-0654	https://ijfs.usb.ac.ir/	https://doi.org/10.22111/ijfs.2022.6796	SCIE
Energy, Exergy, Environmental and Economic Analyses of Natural Refrigerants for Cascade Refrigeration.	Singh, K.K., Kumar, R.	Applied Science and Humanities	Arabian Journal of Science and Engineering	2021-22	2191-4281	https://www.springer.com/journal/13369	https://doi.org/10.1007/s13369-022-06804-7	SCIE
Multi-objective Optimization of Thermodynamic and Economic Performances of Natural Refrigerants for Cascade Refrigeration	Singh, K.K., Kumar, R. & Gupta, A	Applied Science and Humanities	Arab J Sci Eng	2021-22	2191-4281	https://www.springer.com/journal/13369	https://doi.org/10.1007/s13369-021-05924-w	SCI

Constraining a bul viscos Bianchi type I dark energy dominated universe with recent observational data	Anil Yadav, Avinash Yadav, Manvir Singh, R Prasad, , Nafis Ahmad	Applied Science and Humanities	Physical Review D	2021-22	2470-0010	Physical Review D (aps.org)	https://doi.org/10.1103/PhysRevD.104.064044	SCI
Cosmic Identity	Richa Sharma & Saurabh Raj	Applied Science and Humanities	Turkish Online Journal of Qualitative Inquiry	2021-22	1309-6591	https://toiqi.net/	EBSCOhost L 160604435 Cosmic Identity.	Scopus
Understanding Trascription Factors in Plant response to drought stress	G K Rai, G Jamwal, G Rai, Monika Singh	Applied Science and Humanities	Indian Journal of Agricultural Biochemistry	2021-22	0974-4479	indianjournals.com/ijor.aspx?target=ijor:ijab&type=home	indianjournals.com/ijor.aspx?target=ijor:ijab&volume=34&issue=2&article=002	Scopus
Study on effect of variation of geographical and climatic conditions on chemical constituents and biological activity of Emblica officinalis	Bharti Dipti, Singh Rahul and Arora Charu	Applied Science and Humanities	Research Journal of Chemistry and Environment	2021-22	0972-0626	worldresearchersassociation.com/Archives/RJCE/Vol12512021/October2021/Studyoneffectofvariationofgeographicaland.aspx	https://doi.org/10.25303/2510rice114120	Scopus
Impulsive effect on stochastic bidirectional associate memory neural network with reaction diffusion and leakage delays	Ganeshkuamr Thakur, M. Syed Ali, Bandana Priya, V. Gokula Krishnan & SyedaAsma Kauser	Applied Science and Humanities	International Journal of Computer Mathematics	2021-22	1029-0265	International Journal of Computer Mathematics Taylor & Francis Online (tandfonline.com)	https://doi.org/10.1080/00207160.2021.1999428	Scopus
Analysis of Dielectric Behavior of PVDF: PSF Polyblends at Low Frequencies from Measurements of Anomalous Absorption and Desorption Currents.	Pooja Saxena, P Shukla	Applied Science and Humanities	Journal of Applied Polymer Science	2021-22	1097-4628	https://onlinelibrary.wiley.com/journal/10974628	https://doi.org/10.1002/app.51952	SCI
LIGHTWEIGHT SECRET SHARING CRYPTOGRAPHIC SCHEME FOR DECENTRALIZED DISTRIBUTED WANET USING TRI-VARIATE POLYNOMIALS OVER ECC	Suryya Farhat, Manoj Kumar, R.K.Mishra	Applied Science and Humanities	Journal of Xi'an Shiyou University, Natural Sciences Edition	2021-22	1673-064X	https://www.xisdixsu.asia	Details (xianshiyou daxue xuebao.com)	Scopus
Dendritic polyurea microcapsule: a slow release nitrogenous fertilizer	Ashish Khandelwal, Monika Singh, Renu Singh, Manoj Shrivastava	Applied Science and Humanities	Iranian Polymer Journal	2021-22	1735-5265	https://www.springer.com/journal/13726	https://doi.org/10.1007/s13726-021-00968-z	SCI
Dissipative-based synchronization of Markovian jumping complex dynamical networks with additive time-varying delays, reaction-diffusion terms, uncertainties, and sampled-data control	Ganesh Kumar Thakur, M. Usha, M. Syed Ali, Bandana Priya, Syeda Asma Kauser	Applied Science and Humanities	Mathematical method in Applied Sciences	2021-22	1099-1476	Mathematical Methods in the Applied Sciences - Wiley Online Library	https://doi.org/10.1002/mma.7880	SCI
Security Issues in Vanet: A survey	Dr K S Babulal, Shradha Gupta	Applied Science and Humanities	Huazhong University of Science and Technology	2021-22	1672-0733	http://hustjournal.com/vol50mar-2/	http://hustjournal.com/vol50mar-2/	Scopus
Comparative exergetic, economic and exergoeconomic analyses of a hybrid cascade refrigeration system using ammonia propane-propylene and isobutane-propane refrigerant pairs	Kaushalendra Kumar, Rajesh Kumar, Anjana Gupta	Applied Science and Humanities	International Journal of Exergy	2021-22	1742-8297	International Journal of Exergy Home (inderscienceonline.com)	https://doi.org/10.1504/IJEX.2021.118723	SCI
pth moment exponential stability of memristor Cohen-Grossberg BAM neural networks with time-varying delays and reaction–diffusion	Bandana Priya, M. Syed Ali, Ganesh Kumar Thakur, Sumaya Sanober, Bhawna Dhupia,	Applied Science and Humanities	Chineses Journal of Physics	2021-22	0577-9073	Chinese Journal of Physics ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.cjph.2021.06.027	SCI
Prediction of health monitoring with deep learning using edge computing	Shivam Tiwari	Computer Science & Engineering	Measurement: Sensors	2021-22	2665-9174	Measurement: Sensors Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.measen.2022.100604	Scopus
DDNet- A Deep Learning Approach to Detect Driver Distraction and Drowsiness	SS Chauhan	Computer Science & Engineering	Evergreen	2021-22	2189-0420	Evergreen - Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy (kvushu-u.ac.jp)	http://dx.doi.org/10.5109/4843120	Scopus
Fuzzy Expert System for Determining State of Solar Photo Voltaic Power Plant Based on Real-Time Data	Laxmi Kant Sagar	Computer Science & Engineering	Evergreen	2021-22	2189-0420	Evergreen - Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy (kvushu-u.ac.jp)	https://doi.org/10.5109/4843118	Scopus
Real-world model for bitcoin price prediction	Rajat Kumar Rathore	Computer Science & Engineering	Information Processing and Management	2021-22	1873-5371	Information Processing & Management Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.ipm.2022.102968	SCIE
Software product line regression testing based on fuzzy clustering approach using distance method	Satendra Kumar	Computer Science & Engineering	International Journal of Engineering Systems Modelling and Simulation	2021-22	1755-9766	International Journal of Engineering Systems Modelling and Simulation Home (inderscienceonline.com)	https://doi.org/10.1504/IJESMS.2022.126301	Scopus

A deep neural network with hybrid spotted hyena optimizer and grasshopper optimization algorithm for copy move forgery detection	Pushpa Singh	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	1380-7501	Multimedia Tools and Applications Home (springer.com)	https://doi.org/10.1007/s11042-022-14163-6	SCIE
Breast cancer diagnosis using Stochastic Self-Organizing Map andEnlarge C4.5	Rajeev Kumar	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	1380-7501	Multimedia Tools and Applications Home (springer.com)	https://doi.org/10.1007/s11042-022-14265-1	SCIE
Wormhole attack detection techniques in ad-hoc network: A systematic review	Chitvan Gupta	Computer Science & Engineering	Open Computer Science	2021-22	2299-1093	Open Computer Science (degruyter.com)	https://doi.org/10.1515/comp-2022-0245	SCOPUS
Peripheral blood cell classification using modified local-information weighted fuzzy C-means clustering-based golden eagle optimization model	Rajiv Kumar	Computer Science & Engineering	Soft Computing	2021-22	1432-7643	Soft Computing Home (springer.com)	https://doi.org/10.1007/s00500-022-07392-2	SCIE
A robust technique for biometric image authentication using invisible watermarking	Ms. Payal Garg	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	1380-7501	Multimedia Tools and Applications Home (springer.com)	https://link.springer.com/article/10.1007/s11042-022-13314-z	SCI
Wearable Sensors with Internet of Things (IoT) and Vocabulary-Based Acoustic Signal Processing for Monitoring Children's Health	Mr. Shivam Tiwari	Computer Science & Engineering	Computational Intelligence and Neuroscience	2021-22	1687-5265	Computational Intelligence and Neuroscience Hindawi	https://doi.org/10.1155/2022/9737511	SCIE
Experimental and Statistical Evaluation of Drilling induced Damages in GFRP Composites – Taguchi integrated Supervised Machine Learning Approach	Mr. Shivam Tiwari	Computer Science & Engineering	Engineered Science	2021-22	2576-9898	https://www.espublisher.com/journals/articledetails/733	https://www.espublisher.com/journals/articledetails/733	SCOPUS
Clustering Adaptive Elephant Herd Optimization Based Data Dissemination Protocol for VANETS	Dr. Bhoopendra dwivedy	Computer Science & Engineering	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	2021-22	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4742126	SCOPUS
Hiding Capacity and Audio Steganography Model Based on LSB in Temporal Domain	Ms. Anju Chandna	Computer Science & Engineering	Recent Patents on Engineering, Volume 16, Number 2, 2022, pp. 65-74(10)	2021-22	18722121	https://benthamscience.com/journals/rpeng	https://www.ingentaconnect.com/content/ben/eng/2022/00000016/0000002/art00008	SCOPUS
A Review Importance of Big data in Healthcare and its Key Features	Mr. Shivam Tiwari	Computer Science & Engineering	Journal of Innovations in Data Science and Big Data Management	2021-22	NA	https://matjournals.com/Journal-of-Innovations-in-Data-Science-and-Big-Data-Management.html	https://doi.org/10.46610/IJDSBDM.2022.v01i02.001	Peer Reviewed
Deep learning based feature extraction and a bidirectional hybrid optimized model for location based advertising	Dr. Rajiv Kumar	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	13807501, 15737721	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-022-12457-3	SCIE
Machine Learning Techniques for True and Fake Job Posting	Dr. Sachin Yadav	Computer Science & Engineering	ECS Transactions	2021-22	1938-6737	https://iopscience.iop.org/journal/1938-5862	https://iopscience.iop.org/article/10.1149/10701.2383ecst/meta	SCOPUS
Deep Learning Approach for Radical Sound Valuation of Fetal Weight	Dr. Sachin Yadav	Computer Science & Engineering	ECS Transactions	2021-22	1938-6737	https://iopscience.iop.org/journal/1938-5862	https://iopscience.iop.org/article/10.1149/10701.2735ecst	SCOPUS
A metaheuristic optimization approach-based anomaly detection with LASSO Regularization	Ms. Payal Garg	Computer Science & Engineering	International Journal of Software Innovation (IJSI)	2021-22	2166-7160	https://www.igi-global.com/journal/international-journal-software-innovation/64245	10.4018/IJSI.297917	SCOPUS
Survey on Machine Learning in Speech Emotion Recognition and Vision Systems using a Recurrent Neural Network (RNN)	Ms. Subiya Zaidi	Computer Science & Engineering	Archives of Computational Methods in Engineering	2021-22	1134-3060	https://www.springer.com/journal/11831	https://link.springer.com/article/10.1007/s11831-021-09647-x	SCI
Instinctive Recognition of Pathogens in Rice Using Reformed Fractional Differential Segmentation and Innovative Fuzzy Logic-Based Probabilistic Neural Network	Dr. Pooja Singh	Computer Science & Engineering	Journal of Food Quality	2021-22	1745-4557	https://www.hindawi.com/journal/foodquality	https://doi.org/10.1155/2022/8662254	SCI
A Cognitive Study On One District One Product	Mr. Shivam Tiwari	Computer Science & Engineering	Journal of Big Data Technology and Business Analytics	2021-22	NA	Journal of Big Data Technology and Business Analytics (matjournals.co.in)	https://doi.org/10.46610/IJBDTBA.2022.v01i02.001	Peer Reviewed
Blockchain-based Synergistic Solution to Current Cybersecurity Frameworks. Multimedia Tools and Applications	S.K. Yadav, Kavita Sharma, C. Kumar, A. Arora	Computer Science & Engineering	Multimedia Tools and Applications	2021-22	1573-7721	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-021-11465-z	SCIE
Analysis and prediction of urban ambient and surface temperatures using internet of things	Kritika Sharma	Computer Science & Engineering	International Journal of System Assurance Engineering and Management	2021-22	01976-4348	International Journal of System Assurance Engineering and Management Home (springer.com)	https://doi.org/10.1007/s13198-021-01502-3	ESCI/SCOPUS
Digital image forgery detection under complex lighting using Phong reflection model	Anuj Rani	Computer Science & Engineering	Journal of Electronic Imaging	2021-22	1017-9909	Journal of Electronic Imaging (spiedigitallibrary.org)	https://doi.org/10.1117/1.JEI.31.5.051402	SCIE
Prediction of Euclidean distance between existing and target product for software product line testing using FeatureDE	Satendra Kumar	Computer Science & Engineering	International Journal of Engineering Systems Modelling and Simulation	2021-22	1755-9766	https://www.inderscience.com/home.php?code=ijesms	10.1504/IJESMS.2021.19864	ESCI/SCOPUS

Supervise the physicochemical quality of ground water using soft computing technique	Vivek Sharma	Computer Science & Engineering	Environmental Technology (United Kingdom)	2021-22	1479-487X	https://journals.sagepub.com/author-instructions/SCI?utm_medium=cpc&utm_source=google&utm_campaign=oa_dec_subdriving_sci&utm_content=A23J0025&gad=1&gclid=CIOKCOwnMwkbDLARisAHBOftrMRJkKwZ5PU-BqcdMbf0CC4C4Ar2pRxHwTRah32S9gIKKiDr5m5qMaAgRgEALw_wcB	https://doi.org/10.1080/09593330.2021.1983023	SCIE
Secure video communication using firefly optimization and visual cryptography	Anuj Rani	Computer Science & Engineering	Artificial Intelligence Review	2021-22	0269-2821	Artificial Intelligence Review Home (springer.com)	https://doi.org/10.1007/s10462-021-10070-8	SCIE
An evolutionary-based technique to characterise an anomaly in internet of things networks	Alok Kumar Shukla, Sanjeev Pippal	Computer Science & Engineering	International Journal of Internet Technology and Secured Transactions	2021-22	1748-5703	International Journal of Internet Technology and Secured Transactions, Home (inderscienceonline.com)	https://doi.org/10.1504/IJITST.2021.117415	SCOPUS
QoS Enhancement in Cloud-IoT Framework for Educational Institution with Task Allocation and Scheduling with Task-VM Matching Approach	A.L.N Rao	Computer Science & Engineering	Wireless Personal Communications	2021-22	0929-6212	Wireless Personal Communications Home (springer.com)	https://doi.org/10.1007/s11277-021-08634-6	SCIE
Analysis of epidemic model for performance evaluation of rechargeable wireless sensor network	Shashank Awasthi	Computer Science & Engineering	Journal of Engineering Research (Kuwait)	2021-22	2307-1877	https://kuwaitjournals.org/ier/index.php/JER/home	https://kuwaitjournals.org/ier/index.php/JER/article/view/15847	SCIE
Cuckoo Search Constrained Gamma Masking for MRI Image Detail Enhancement	Amrita Rai	Electronics & Communication Engg.	IJETA, Traitement du Signal	2021-22	0765-0019	https://www.ijeta.org	https://doi.org/10.18280/ijeta.390433	Scopus
AI-Based Resource Allocation Techniques in Wireless Sensor Internet of Things Networks in Energy Efficiency with Data Optimization	Amrita Rai	Electronics & Communication Engg.	Electronics (Switzerland)	2021-22	20799292	Electronics An Open Access Journal from MDPI	https://doi.org/10.3390/electronics11132071	SCIE
Sensitivity Enhancement of Surface Plasmon Resonance (SPR) Sensor Assisted by BlueP/MoS2 Based Composite Heterostructure	P.S Pandey	Electronics & Communication Engg.	IEEE Access	2021-22	2169-3536	https://ieeexplore.ieee.org/	https://ieeexplore.ieee.org/document/9938980	SCIE
Physical Layer Security Analysis of Multi-hop Hybrid RF/FSO System in Presence of Multiple Eavesdroppers	Dipti R Pattanayak	Electronics & Communication Engg.	IEEE Photonics Journal	2021-22	1943-0655	IEEE Xplore: IEEE Photonics Journal	https://ieeexplore.ieee.org/document/9969988	SCIE
Synthesis of Concentric Circular Antenna Array Using Whale Optimization Algorithm	K Kundu	Electronics & Communication Engg.	IETE Journal of Research	2021-22	0974-780X	https://www.tandfonline.com/journals/tjir20	https://doi.org/10.1080/03772063.2022.2096703	SCIE
Low power chaotic oscillator employing CMOS	Manoj Joshi	Electronics & Communication Engg.	Integration	2021-22	0167-9260	https://www.sciencedirect.com/journal/integration	10.1016/j.vlsi.2022.02.011	SCIE
Design and comparative analysis of circuit theory model-based slot-loaded printed rectangular monopole antenna for UWB applications with notch band	Ashok Yadav	Electronics & Communication Engg.	International Journal of Communication Systems	2021-22	1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.5390	SCIE
Trust-based energy-aware routing using GEOSR protocol for Ad-Hoc sensor networks	Rajeev Agrawal	Electronics & Communication Engg.	Wireless Networks	2021-22	1022-0038	Wireless Networks Home (springer.com)	https://doi.org/10.1007/s11276-022-02991-1	SCI
Optimized Resource Allocation for Fog Network using Neuro-fuzzy Offloading Approach	Rajeev Agrawal	Electronics & Communication Engg.	Arabian Journal for Science and Engineering	2021-22	2193-567X	Arabian Journal for Science and Engineering Home (springer.com)	https://doi.org/10.1007/s13369-022-06563-5	SCIE
Handling dynamic network behavior and unbalanced datasets for WSN anomaly detection	Rajeev Agrawal	Electronics & Communication Engg.	Journal of Ambient Intelligence and Humanized Computing	2021-22	1868-5137	Journal of Ambient Intelligence and Humanized Computing Home (springer.com)	https://doi.org/10.1007/s11277-022-09493-5	SCI
Probabilistic Optimized Kernel Naive Bayesian Cloud Resource Allocation System	Rajeev Agrawal	Electronics & Communication Engg.	Wireless Personal Communications	2021-22	0929-6212	Wireless Personal Communications Home (springer.com)	https://doi.org/10.1007/s11277-022-09493-5	SCI
Composite Channel Model for Wireless Propagation with Wide-Range Signal Variation Using Rayleigh*Generalized Inverse Gaussian Distribution	Rajeev Agrawal	Electronics & Communication Engg.	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	2021-22	2228-6179	Iranian Journal of Science and Technology, Transactions of Electrical Engineering Home (springer.com)	https://doi.org/10.1007/s40998-021-00466-1	SCI
Performance Analysis of Path Loss Models at 1.8 GHz in an Indoor/Outdoor Environment to Verify Network Capacity and Coverage	Satyendra Sharma, Brahmjit Singh	Electronics & Communication Engg.	Springer (WPC)	2021-22	1572834X, 09296212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-022-09883-9	SCI
Generic MGF-based tight approximation for the error rate analysis	S. Pratap Singh, Shekhar Singh, Amit Kumar, Ashish Pandey, Lakshmana M, Noor Mohammed V, Sanjay Kumar	Electronics & Communication Engg.	International Journal of Communication Systems	2021-22	1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.5127	SCI

A new high frequency MOS-C TOETQO employing DXCCTA	Rubila Laishram, Manoj Joshi, Ashish Ranjan	Electronics & Communication Engg.	International Journal of Electronics Letters	2021-22	ISSN:2168-1724	https://www.tandfonline.com/journals/te120	https://doi.org/10.1080/21681724.2021.2025435	SCI
Detection of Expanded Reformed Geographical Area in Bi-temporal Multispectral Satellite Images Using Machine Intelligence Neural Network	Mohan Singh, Kapil Dev Tyagi	Electronics & Communication Engg.	Journal of the Indian Society of Remote Sensing	2021-22	0974-3006	https://www.springer.com/journal/12524	https://link.springer.com/article/10.1007/s12524-021-01476-6	SCI
Swastika shaped slot embedded two port dual frequency band MIMO antenna for wireless applications	Ritika Anand, Dinesh Kumar Singh	Electronics & Communication Engg.	Analog Integrated Circuits and Signal Processing	2021-22	Electronic ISSN 1573-1979 Print ISSN 0925-1030	https://www.springer.com/journal/10470	https://link.springer.com/article/10.1007/s10470-021-01923-x#citeas	SCI
Delay-aware application offloading in fog e+H88+A88	Rajeev Agarwal	Electronics & Communication Engg.	Wireless Netw	2021-22	1572-8196	https://www.springer.com/journal/11276	https://link.springer.com/article/10.1007%2Fs11276-021-02724-w	SCI
Adaptive bandwidth adjustment for resource constrained services in fog queueing system	Chauhan, N., Banka, H. & Agrawal, R	Electronics & Communication Engg.	Cluster Comput	2021-22	1386-7857	https://www.springer.com/journal/10586	https://doi.org/10.1007/s10586-021-03378-1	SCIE
A Comprehensive Overview on Modified Versions of Stockwell Transform For Power Quality Monitoring	Jay Singh	Electrical and Electronics Engineering	IEEE Access	2021-22	2169-3536	https://ieeaccess.ieee.org/	https://doi.org/10.1109/ACCESS.2021.3052924	SCIE
Ensembling of Efficient Deep Convolutional Networks and Machine Learning Algorithms for Resource Effective Detection of Tuberculosis Using Thoracic (Chest) Radiography	Rajat Mehrtra	Electrical and Electronics Engineering	IEEE Access	2021-22	2169-3536	https://ieeaccess.ieee.org/	https://ieeexplore.ieee.org/document/9841572	SCIE
An Invasive Weed Optimization for Sensor Less Control of Grid Integrated Wind Driven Doubly Fed Induction Generator	Jay Singh	Electrical and Electronics Engineering	IEEE Access	2021-22		https://ieeaccess.ieee.org/	https://ieeexplore.ieee.org/document/9916246	SCIE
Ensemble Computational Intelligent for Insomnia Sleep Stage Detection via the Sleep ECG Signal	Rajat Mehrtra	Electrical and Electronics Engineering	IEEE Access	2021-22	2169-3536	https://ieeaccess.ieee.org/	https://ieeexplore.ieee.org/document/9916246	SCIE
Optimal Scheduling of Grid Connected Solar Photovoltaic and Battery Storage System Considering Degradation Cost of Battery	Nagendra Kumar	Electrical and Electronics Engineering	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	2021-22	2364-1827	Iranian Journal of Science and Technology - Transactions of Electrical Engineering Home (springer.com)	https://doi.org/10.1007/s40998-022-00529-x	SCIE
Application of Fractional Order-PID Control Scheme in Automatic Generation Control of a Deregulated Power System in the Presence of SMES Unit	Nagendra Kumar	Electrical and Electronics Engineering	Mathematics	2021-22	2227-7390	Mathematics An Open Access Journal from MDPI	https://doi.org/10.3390/math10030521	SCIE
Diagnosis of hypercritical chronic pulmonary disorders using dense convolutional network through chest radiography	Rajat Mehrotra	Electrical and Electronics Engineering	Multimedia Tools & Applications	2021-22	1573-7721/1380-7501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-021-11748-5	SCIE
Implementation and Comparative Analysis of Time Equivalent Space Vector PWM Method for 3 Phase to 3 Phase Matrix Converter	Jay Singh	Electrical and Electronics Engineering	IJETA, Journal of European des systems Automatis	2021-22	2116-7087	https://www.ijeta.org/Journals/IJETA	https://doi.org/10.18280/IJETA.540411	SCIE
Effects of the dissimilarity of water depth on energy and exergy efficiencies and productivity of solar energy	Jay Singh	Electrical and Electronics Engineering	International Journal of Exergy	2021-22	1742-8297	International Journal of Exergy Home (inderscienceonline.com)	https://doi.org/10.1504/IJEX.2022.124176	SCI
System Simplification Using Pole Spectrum Analysis (PSA) with the Advantage of Dominant Pole Retention	Jay Singh	Electrical and Electronics Engineering	Circuits, Systems, and Signal Processing, Springer	2021-22	0278-081X	Circuits, Systems, and Signal Processing Home (springer.com)	https://doi.org/10.1007/s00034-021-01792-9	SCI
Load Frequency Control for multiarea Power System Using Secondary Controllers	Nagendra Kumar	Electrical and Electronics Engineering	Walailak Journal of Science and Technology	2021-22	2228-835X	https://wjs.t.wu.ac.th/index.php/wjs/about	https://doi.org/10.48048/wjs.2022.2044	Scopus
Novel Neural Network based Load Frequency Control Scheme: A case study of Restructured Power System	Nagendra Kumar	Electrical and Electronics Engineering	IEEE Access	2021-22	2169-3536	https://ieeaccess.ieee.org/	Novel Neural Network-Based Load Frequency Control Scheme: A Case Study of Restructured Power System IEEE Journals & Magazine IEEE Xplore	SCI
PSO-Based Evolutionary Approach to Optimize Head and Neck Biomedical Image to Detect Mesothelioma Cancer	Neha Tyagi	Information Technology	BioMed Research International	2021-22	2314-6141	https://www.hindawi.com/journal/bmri/	https://doi.org/10.1155/2022/3618197	SCOPUS

Artificial Intelligence-Based Data-Driven Strategy to Accelerate Research, Development, and Clinical Trials of COVID Vaccine	Vipluv Pathak	Information Technology	BioMed Research International	2021-22	2314-6141	https://www.hindawi.com/journals/bmri/	https://doi.org/10.1155/2022/7205241	SCOPUS
Identification and Classification of Prostate Cancer Identification and Classification Based on Improved Convolutional Neural Network	Neha Tyagi	Information Technology	BioMed Research International	2021-22	2314-6141	https://www.hindawi.com/journals/bmri/	https://doi.org/10.1155/2022/9112587	SCOPUS
Review on Employee Retention Using Churn Model	Arjun Singh	Information Technology	Amity Journal of Computational Sciences (AJCS)	2021-22	ISSN: 2456-6616	https://www.amity.edu/aic/s/	https://amity.edu/UserFiles/aiem/167Review%20On%20Employee%20Retention%20Using%20Churn%20Model.pdf	Other
Analyzing Skin Disease Using XCNN (eXtended Convolutional Neural Network)	Dr. Ashish Tripathi	Information Technology	International Journal of Software Science and Computational Intelligence (IJSSCI), IGI Global	2021-22	1942-9045	International Journal of Software Science and Computational Intelligence (IJSSCI): 1942-9045, 1942-9037: Computer Science & IT Journals IGI Global (igi-global.com)	Analyzing Skin Disease Using XCNN (eXtended Convolutional Neural Network): Computer Science & IT Journal Article IGI Global (igi-global.com)	WOS (ESCI)
Hate and Aggression Detection in Social Media over Hindi English language	Dr. Ashish Tripathi	Information Technology	International Journal of Software Science and Computational Intelligence (IJSSCI), IGI Global	2021-22	1942-9045	International Journal of Software Science and Computational Intelligence (IJSSCI) IGI Global (igi-global.com)	https://doi.org/10.4018/IJSSCI.300357	WOS (ESCI)
A wider impedance bandwidth dual filter symmetrical mimo antenna for high-speed wideband wireless applications	P.C. Vashist	Information Technology	Symmetry(MDPI)	2021-22	2073-8994	Symmetry An Open Access Journal from MDPI	https://doi.org/10.3390/sym14010029	SCIE
Dynamic knowledge-based recommendation system for E-commerce using deep neural network	Mahesh Kumar Singh	Information Technology	Mathematics in Engineering, Science and Aerospace (MESA).	2021-22	ISSN: 2041-3165	Journal MESA (nonlinearstudies.com)	Dynamic knowledge-based recommendation system for E-commerce using deep neural network Journal MESA (nonlinearstudies.com)	Scopus
Exploring consumers' motives for electric vehicle adoption: bridging the attitude behavior gap	Vikas Tripathi	Master of Business Administration	Benchmarking	2021-22	14635771	Benchmarking: An International Journal Emerald Insight	https://doi.org/10.1108/BIJ-10-2021-0618	ESCI/Scopus
Implication of Goods and services Tax (GsT) Implementation in India on Foreign Trade	S Nagar	Master of Business Administration	Finance: Theory and Practice	2021-22	2587-7089	Finance: Theory and Practice (fa.ru)	https://doi.org/10.26794/2587-5671-2022-26-3-241-251	ESCI/Scopus
Does green self-identity influence the revisit intention of dissatisfied customers in green restaurants?	Vikas Tripathi	Master of Business Administration	Management of Environmental Quality: An International Journal	2021-22	1477-7835	Management of Environmental Quality Emerald Insight	https://doi.org/10.1108/MEQ-03-2022-0076	ESCI/Scopus
Do Goods and Services Tax Influence the Economic Development? An Empirical Analysis for India	Shweta Nagar	Master of Business Administration	Vision-The Journal of Business Perspective	2021-22	9722629	Vision: Sage Journals (sagepub.com)	https://doi.org/10.1177/09722629221117196	ESCI/Scopus
A STUDY ON INVESTOR'S PERCEPTION TOWARDS MUTUAL FUNDS IN INDIA	Dr. Reena Singh	Master of Business Administration	Journal of Pharmaceutical Negative Results	2021-22	0976-9234	Journal of Pharmaceutical Negative Results (pnjournal.com)	https://doi.org/10.47750/pnr.2022.13.S08.193	SCOPUS
Study of Energy-Efficient Optimization Techniques for High-Level Homogeneous Resource Management	Raju Kumar	Master of Computer Application	Wireless Communications and Mobile Computing	2021-22	15308669	https://www.hindawi.com/journals/wcmc/	https://doi.org/10.1155/2022/1953510	ESCI/Scopus
Web Page Ranking using Web Mining Techniques: A comprehensive survey	Prem Sagar Sharma, Divakar Yadav, RN Thakur	Master of Computer Application	Mobile Information Systems	2021-22	1875-905X (Online)	https://www.hindawi.com/journals/misv/about/	https://doi.org/10.1155/2022/7519573	SCIE
Implementation of Whale Optimization for Budding Healthiness of Fishes with Preprocessing Approach	Sandeep Srivastava	Master of Computer Application	Journal of Healthcare Engineering	2021-22	2040-2295	https://www.hindawi.com/journals/jhe/	https://doi.org/10.1155/2022/2345600	Scopus
An Artificial Intelligence Based Predictive Approach for Smart Waste Management	Sandeep Srivastava	Master of Computer Application	International Journal of Wireless Personal Communications	2021-22	1572-834X	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-021-08803-7	Science Citation Index Expanded
Modelling Techniques to Improve the Quality of Food Using Artificial Intelligence	Sandeep Srivastava	Master of Computer Application	Journal of Food Quality	2021-22	1745-4557	https://www.hindawi.com/journals/jfa/	https://doi.org/10.1155/2021/2140010	Science Citation Index Expanded
A comparatively numerical investigation on heat transfer behavior of different materials used for internal combustion engines	Ambuj Saxena	Mechanical Engineering	International Journal of Engine Research	2021-22	14680874	International Journal of Engine Research: Sage Journals (sagepub.com)	https://doi.org/10.1177/14680874221112722	SCI
Application of proposed hybrid active genetic algorithm for optimization of traveling salesman problem	Kushal Pal	Mechanical Engineering	Soft Computing	2021-22	14327643	Soft Computing Home (springer.com)	https://doi.org/10.1007/s00500-022-07581-z	SCIE
Challenges and future opportunities of nanoparticle applications to various biofuel generation processes-a review	Abhishek Sharma	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021-22	2041-3009	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering: Sage Journals (sagepub.com)	https://doi.org/10.1177/09544089221145485	SCI

Development and performance evaluation of solar heating system for biogas production process	Vinod Kumar Yadav	Mechanical Engineering	Case Studies in Thermal Engineering	2021-22	2214-157X	Case Studies in Thermal Engineering Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.csite.2022.102438	SCIE
Development of Aluminum-Based Composite Material by using Bagasse Ash and Eggshell as Reinforcement Along with Nano-CuO Particles	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of The Institution of Engineers (India): Series D	2021-22	22502122	Journal of The Institution of Engineers (India): Series D Home (springer.com)	https://doi.org/10.1007/s40033-022-00417-y	SCOPUS
Effect of aluminium oxide nano additives with Sal biodiesel blend as a potential alternative fuel for existing DI diesel engine	Abhishek Sharma	Mechanical Engineering	Energy and Environment	2021-22	2048-4070	Energy & Environment: Sage Journals (sagepub.com)	https://doi.org/10.1177/0958305X221133257	SCI
Effect of process parameters on surface roughness, dimensional accuracy and flatness of VeroBlue RGD840 rigid opaque materials	Nagendra Maurya.	Mechanical Engineering	International Journal of Materials Research	2021-22	2195-8556	International Journal of Materials Research (degruyter.com)	https://doi.org/10.1515/ijmr-2020-8059	SCIE
Effect of Ranque-Hilsch Vortex Tube Cooling to Enhance the Surface-Topography and Tool-Wear in Sustainable Turning of Al-5.6Zn-2.5Mg-1.6Cu-0.23Cr-T6 Aerospace Alloy	Shashi Prakash Dwivedi	Mechanical Engineering	Materials	2021-22	1996-1944	Materials An Open Access Journal from MDPI	https://doi.org/10.3390/ma15165681	SCIE
Effective Evaluation of Elastic Properties of a Graphene and Ceramics Reinforced Epoxy Composite under a Thermal Environment Using the Impact Hammer Vibration Technique	A.K Srivastava	Mechanical Engineering	Coatings	2021-22	2079-6412	Coatings An Open Access Journal from MDPI	https://doi.org/10.3390/coatings12091325	SCIE
Enhancement of combustion characteristics of waste cooking oil biodiesel using TiO2 nanofluid blends through RSM	Abhishek Sharma	Mechanical Engineering	Fuel	2021-22	0016-2361	Fuel Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.fuel.2022.125681	SCIE
Fluid flow and heat transfer evaluation and optimisation of solar-assisted air-heater having multi-arcs with gaps used as roughness elements	Abhishek Sharma	Mechanical Engineering	International Journal of Ambient Energy	2021-22	2162-8246	https://www.tandfonline.com/toc/taen20/current	https://doi.org/10.1080/01430750.2022.2128412	SCI
Friction and wear characteristics of chemically modified mahua (madhuca indica) oil based lubricant with SiO2 nanoparticles as additives	Abhishek Sharma	Mechanical Engineering	Wear	2021-22	0043-1648	https://www.sciencedirect.com/journal/wear	https://doi.org/10.1016/j.wear.2022.204463	SCI
Micro-Mechanical Finite Element Analysis on Mechanical Behavior of EN31 Steel-Based Metal Matrix Composite	Ambuj Saxena	Mechanical Engineering	Transactions of the Indian Institute of Metals	2021-22	0975-1645	https://www.springer.com/journal/12666	https://link.springer.com/content/pdf/10.1007/s12666-022-02691-6.pdf	SCIE
Microwave-Assisted Synthesis, Characterization and Tribological Properties of a g-C3N4/MoS2 Nanocomposite for Low Friction Coatings	A.K Srivastava	Mechanical Engineering	Coatings	2021-22	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12121840	SCIE
Optimisation of FSP process parameters of surface composites using GRA and Taguchi approach	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Engineering Research (Kuwait)	2021-22	2307-1885	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15689	SCIE
Performance of latent heat storage (LHS) systems using pure paraffin wax as working substance	Vinod Kumar Yadav	Mechanical Engineering	Case Studies in Thermal Engineering	2021-22	2214-157X	Case Studies in Thermal Engineering Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.csite.2022.102399	SCIE
Surface Modification and Parametric Optimization of Tensile Strength of Al6082/SiC/Waste Material Surface Composite Produced by Friction Stir Processing	A.K Srivastava	Mechanical Engineering	Coatings	2021-22	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12121909	SCIE
Sustainability of chemically modified Simarouba glauca for tribological applications and chemical structure analysis at different loads	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-022-03682-9	SCI
Sustainability of corn based-biomass for production of bio-oil and their characterization through solar thermal energy approach	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-022-03657-w	SCI
Synthesis, Physical and Mechanical Behavior of Agro-Waste RHA and Eggshell-Reinforced Composite Material	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of The Institution of Engineers (India): Series C	2021-22	2250-0553	https://www.springer.com/journal/40032	https://ui.adsabs.harvard.edu/link_gateway/2022JIE-IC.103.1455D/doi:10.1007/s40032-022-00879-9	SCOPUS
Tribological Characteristics of Al359/Si3N4/Eggshell Surface Composite Produced by Friction Stir Processing	A.K Srivastava	Mechanical Engineering	Coatings	2021-22	2079-6412	https://www.mdpi.com/journal/coatings	https://doi.org/10.3390/coatings12091362	SCIE
A machine learning application for raising WASH awareness in the times of COVID-19 pandemic	Chirag Jain, Kanav Bhagat, Arushi, Lajjiben Patel, Mudit Agarwal, Samprati Agrawal, Rishabh Jalan	Mechanical Engineering	Scientific Reports	2021-22	2045-2322	https://www.nature.com/srep/	https://www.nature.com/articles/s41598-021-03869-6	SCIE

Alumina catalyst waste utilization for aluminum-based composites using the friction stir process	Shashi Prakash Dwivedi, Praveen Pachauri, Manish Maurya, Ambuj Saxena, Ravi Butola, Rohit Sahu and Shubham Sharma	Mechanical Engineering	Materials Testing	2021-22	2195-8572	https://www.degruyter.com/journal/key/mt/html	https://doi.org/10.1515/mt-2021-2074	SCI
Impact of post-heat-treatment on the surface-roughness, residual stresses, and micromorphology characteristics of plasma-sprayed pure hydroxyapatite and 7%-Aloxite reinforced hydroxyapatite coatings deposited on titanium alloy-based biomedical implants	Gursharan Singha, ShubhamSharmab, Manoj Mittal, GurminderSingh, JujharSingh, Li Changhee, Aqib Mashood Khan, Shashi Prakash Dwivedi, RayTahir Mushtaqh, Sunpreet Singh	Mechanical Engineering	Journal of Materials Research and Technology	2021-22	2238-7854	https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology	https://doi.org/10.1016/j.jmrt.2022.03.065	SCIE
Optimization of FDM Printing Process Parameters on Surface Finish, Thickness, and Outer Dimension with ABS Polymer Specimens Using Taguchi Orthogonal Array and Genetic Algorithms	Shashi Prakash Dwivedi	Mechanical Engineering	Mathematical Problems in Engineering	2021-22	1563-5147	https://www.hindawi.com/journals/mpe/	https://doi.org/10.1155/2022/2698845	SCIE
In Situ Micro-Observation of Surface Roughness and Fracture Mechanism in Metal Microforming of Thin Copper Sheets with Newly Developed Compact Testing Apparatus	Mandeep Singh,Shubham Sharma ,Appusamy Muniappan ,Danil Yurievich Pimenov,Szymon Wojciechowski,Ka nishka Jha,Shashi Prakash Dwivedi,Changhe Li, Jolanta B. Królczyk, Dominik Walczak, Tien V. T. Nguyen	Mechanical Engineering	MATERIALS	2021-22	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma15041368	SCIE
Productivity Enhancement by Prediction of Liquid Steel Breakout during Continuous Casting Process in Manufacturing of Steel Slabs in Steel Plant Using Artificial Neural Network with Backpropagation Algorithms	Shashi Prakash Dwivedi	Mechanical Engineering	MATERIALS	2021-22	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma15020670	SCIE
Synthesis and characterisation of chromium, eggshell and grinding sludge-reinforced aluminium metal matrix composite: an experimental approach	Shashi Prakash Dwivedi, Manish Maurya, Shubham Sharma	Mechanical Engineering	Green Materials	2021-22	2049-1220	https://www.icevirtuallibrary.com/toe/igma/current	https://doi.org/10.1680/jgrma.21.00035	SCIE
Performance Analysis of Latent Heat Storage Systems using CuO Nanoparticles	Dawit Gudeta Gunjo, Vinod Kumar Yadav, Devendra Kumar Sinha	Mechanical Engineering	Evergreen - Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	2021-22	2432-5953	https://www.ti.kyushu-u.ac.jp/evergreen/index.php	https://doi.org/10.5109/4793667	SCOPUS
Wire Arc Additive Manufacturing – A revolutionary method in additive manufacturing	Nilesh Kumar, Het Bhavsar, P.V.S. Mahesh, Ashish KumarSrivastava, Bhaskor J.Bora, Ambuj Saxena, Amit Rai Dixit	Mechanical Engineering	Materials Chemistry and Physics	2021-22	0254-0584	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://doi.org/10.1016/j.matchemphys.2022.126144	SCI
Investigation of geo-mining green roof seismic energy balancing with resin bolting by Universal Drilling Machine: a novel energy-absorbing-based support system	Mohd Ahtesham Hussain Siddiqui, Shahzad Akhtar, Somnath Chattopadhyaya, Shubham Sharma, Mamdouh El Haj Assad, Jujhar Singh, Vivek Aggarwal, Shashi Prakash Dwivedi & Ambuj Saxena	Mechanical Engineering	Arabian Journal of Geosciences	2021-22	1866-7538	https://www.springer.com/journal/12517/	https://doi.org/10.1007/s12517-022-09594-2	SCIE

Corrosion Zones of Rebar in High-Volume Fly-Ash Concrete through Potentiodynamic Study in Concrete Powder Solution Extracts: A Sustainable Construction Approach	Manish Kumar, Jitu Kujur, Rajeshwari Chatterjee, Somnath Chattopadhyaya, Shubham Sharma, Shashi Prakash Dwivedi, Ambuj Saxena, S Rajkumar, Ashutosh Anand	Mechanical Engineering	Advances in Civil Engineering	2021-22	1687-8094	https://www.hindawi.com/journals/ace/	https://doi.org/10.1155/2022/5927819	SCI
Improvement of Thermal Storage Effectiveness with Addition of Aluminum Oxide Nanoparticles	Dawit G G Vinod Kumar Yadav*, Devendra Kumar Sinha, Mohamed Abdelghany Elkotb, Gulam Mohammed Sayeed Ahmed, Nazia Hossain, Mostafa A. H. Abdelmohimen	Mechanical Engineering	Materials	2021-22	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma15134427	SCI
Combined Effect of Phosphonium Ionic Liquid and Copper Oxide Nanopowder as Additives to the Bio-based Lubricant During Tribological Analysis	Abhishek Sharma	Mechanical Engineering	Waste and Biomass Valorization	2021-22	1877-265X	https://www.springer.com/journal/12649	https://doi.org/10.1007/s12649-022-01842-6	SCI
Optimization of long-term storage stability of Kusum biodiesel using herbal anti-oxidant	Harveer Singh Pali, Abhishek Sharma, Naveen Kumar, Yashvir Singh	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://doi.org/10.1007/s13399-022-02444-x	SCIE
Diesel engine performance and emission analysis running on joboba biodiesel using intelligent hybrid prediction techniques	Abhishek Sharma	Mechanical Engineering	Fuel	2021-22	0016-2361	https://www.sciencedirect.com/journal/fuel	https://doi.org/10.1016/j.fuel.2020.118571	Scopus
Effect of alumina oxide nano-powder on the wear behaviour of CrN coating against cylinder liner using response surface methodology: processing and characterizations	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Materials Research and Technology	2021-22	2238-7854	https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology	https://doi.org/10.1016/j.jmrt.2021.12.062	Scopus
Grain size, coefficient of thermal expansion and corrosion behavior of eggshell and rice husk ash reinforced composite material	Shashi Prakash Dwivedi	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://doi.org/10.1108/WJE-02-2022-0087	Scopus
Multi-scale dynamic analysis of metal matrix composite shafts through morphological evaluations	Ashish Gupta	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211042114	Scopus
Study and evaluation of the mechanical properties on sawdust reinforced epoxy composite	SS Chauhan	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://www.emerald.com/insight/content/doi/10.1108/WJE-04-2021-0211/full.html	Scopus
Risk estimation of gestational diabetes and diabetes mellitus of type -2 because of PCOD through Mathematical and Artificial Intelligence models	Vijay Kumar Yadav	Mechanical Engineering	Journal of Engineering Research (Kuwait)	2021-22	2307-1877	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	Scopus
Recovery of Cr from chrome-containing leather wastes to develop aluminum-based composite material along with Al ₂ O ₃ ceramic particles: An ingenious approach	Shashi Prakash Dwivedi	Mechanical Engineering	Nanotechnology Reviews	2021-22	2191-9097	https://www.degruyter.com/journal/key/ntrev/html?lang=en	https://doi.org/10.1515/ntrev-2022-0406	Scopus
Synthesis and characterization of spent alumina catalyst and grinding sludge reinforced aluminum-based composite material	Shashi Prakash Dwivedi	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2021-22	2041-2983	https://journals.sagepub.com/home/pic	https://doi.org/10.1177/09544062211061451	Scopus
Effect of asymmetries of stiffness and mass on parametric instabilities of hollow rotor system	Sandeep Chauhan	Mechanical Engineering	Journal of Engineering Research (Kuwait)	2021-22	2307-1877	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	Scopus
Experimental investigation on the effect of laser powder bed fusion process variables on dimensional accuracy, surface roughness and cylindricity of the AISi10Mg alloy component	Nagendra Maurya	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211039046	Scopus
Study the effect of optimized input parameters on a CRDI diesel engine running with waste frying oil methyl ester-Diesel blend fuel with ZnO nanoparticles - A Response surface methodology approach	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-021-02158-6	SCI

Optimization of biodiesel synthesis from Jojoba oil via supercritical methanol: A response surface methodology approach coupled with genetic algorithm	Abhishek Sharma	Mechanical Engineering	Biomass and Bioenergy	2021-22	0961-9534	https://www.sciencedirect.com/journal/biomass-and-bioenergy	https://doi.org/10.1016/j.biombioe.2021.106332	SCI
Production and feasibility characterization of bio-oil from jojoba seed-based biomass through Solar thermal energy pyrolysis process	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://doi.org/10.1007/s13399-022-02686-9	SCI
Effect of nanoparticles as additives to the biofuels and their feasibility assessment on the engine performance and emission analysis-A review	Abhishek Sharma	Mechanical Engineering	<i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i>	2021-22	0954-4089	https://journals.sagepub.com/home/PIE	https://doi.org/10.1177/09544089221109723	SCI
Investigation on mechanical properties of ZTA+ Cr 3 C 2 + Ni reinforced EN31 steel-based composite material: Micromechanical finite-element analysis	Ambuj Saxena, Shashi Prakash Dwivedi, Abhishek Kaushik, Shubham Sharma	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021-22	0954-4089	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089221113141	SCI
Recovery of Cr from CCLW and Its Utilization as Reinforcement along with Waste SAC and Grinding Sludge in the AA 5052 based Metal Matrix Composites	Shashi P Dwivedi , Rohit Sahu , Ambuj Saxena	Mechanical Engineering	Sage Part E Journal of Process in Mechanical Engineering	2021-22	0954-4089, (Online ISSN: 2041-3009)	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211038385	SCI
Investigation on the thermal behaviour of AZ31B/waste eggshell surface composites produced by friction stir processing	Ashish Kumar Srivastava	Mechanical Engineering	Composites Communications	2021-22	2452-2139	https://www.journals.elsevier.com/composites-communications	https://doi.org/10.1016/j.coco.2021.100912	SCI
Experimental analysis of mechanical behaviour and residual stresses of EN-36C alloy steel with and without tempering	Rajesh K Maurya, Mahendra S Niranjana	Mechanical Engineering	J Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/doi/10.1177/09544089211038447	https://doi.org/10.1177/09544089211038447	SCI
Numerical Investigation of Penetration Characteristics of Preformed Spherical Fragments at Hyper Velocity	Pradeep Mulabagal, Adepu Kumaraswamy, Ambuj Saxena	Mechanical Engineering	Journal of Engineering Research (JER)	2021-22	2307-1885	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	SCIE
An investigation on thermal and chemical behavior of jute/hemp/flux fiber reinforced woven composites and its hybrids	Vijay Chaudhary, Partha Pratim Das, Rohit Sahu, Krovvidi Srinivas and Vijay Kumar Dwivedi	Mechanical Engineering	Journal of Engineering Research	2021-22	2307-1885	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	SCIE
Microstructural evolution and mechanical properties of LM6 Al alloy	Shashee Kant Soni, S. K. Rajput, Prabhat Kumar Yadav and Rohit Sahu	Mechanical Engineering	Journal of Engineering Research	2021-22	2307-1885	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	SCIE
Physico-mechanical and morphological studies of jute/glass reinforced epoxy composites and its hybrids	Partha Pratim Das, Rohit Sahu, Vijay Chaudhary, Krovvidi Srinivas and Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Engineering Research	2021-22	2307-1885	https://kuwaitjournals.org/jer/index.php/JER/home	https://kuwaitjournals.org/jer/index.php/JER/article/view/15745	SCIE
Exhaust Gas Recirculation Effect on the Performance of a CRDI Diesel Engine fuelled with Linseed Biodiesel/Diesel blend with the Response surface methodology	Abhishek Sharma	Mechanical Engineering	Proc IMechE, Part C: Journal of Mechanical Engineering Science	2021-22	2058-3389	https://journals.sagepub.com/home/pic	https://doi.org/10.1177/09544089211026348	SCIE
Effect of friction stir processing on microstructural and mechanical properties of lightweight composites and cast metal alloys – A review	Ashish Kumar Srivastava, Nilesh Kumar, Ambuj Saxena, Sandeep Tiwari	Mechanical Engineering	International Journal of Cast Metals Research	2021-22	1743-1336	https://www.tandfonline.com/journals/ycmr20	https://doi.org/10.1080/13640461.2021.2014667	SCI
Tribo mechanism analysis of epoxidized Putranjiva oil (Putranjiva Roxburghii) and understanding lubricity with SiO2 nanoparticles addition	Abhishek Sharma	Mechanical Engineering	Proc IMechE, Part J: Journal of Engineering Tribology,	2021-22	1350-6501	https://journals.sagepub.com/home/pj	https://journals.sagepub.com/doi/abs/10.1177/13506501211029449	SCIE
Performance of CuO nanoparticles as an additive to the chemically modified Nicotiana Tabacum as a sustainable coolant-lubricant during turning EN19 steel	Abhishek Sharma	Mechanical Engineering	WEAR	2021-22	0043-1648	https://www.journals.elsevier.com/wear	https://doi.org/10.1016/j.wear.2021.204057	SCI
Effect of Process Parameters on the Diesel Engine Performance Fuelled With Prosopis Juliflora Biodiesel-RSM Approach	Abhishek Sharma, Avdhesh Tyagi	Mechanical Engineering	Proc IMechE, Part E: Journal of Process Mechanical Engineering	2021-22	0954-4089	https://journals.sagepub.com/home/pie	https://journals.sagepub.com/eprint/9EKES2GHXUWDR3RTKKHE/full	SCIE
Development of epoxidized Moringa Oleifera nano lubricant with CeO2 nanoparticles as an additive for improving the lubrication characteristics	Abhishek Sharma	Mechanical Engineering	, Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://doi.org/10.1007/s13399-021-01911-1	SCIE

Assessing the Applicability of Photocatalytic-Concrete Blocks in Reducing the Concentration of Ambient NO ₂ of Chandigarh, India, Using Boxâ€œBehken Response Surface Design Technique: A Holistic Sustainable Development Approach	Shashi Prakash Dwivedi, Ambuj Saxena	Mechanical Engineering	Journal of Chemistry	2021-22	2090-9071	https://www.springer.com/journal/13399	https://doi.org/10.1155/2021/6468749	SCIE
A computational investigation on the influence of the l/d ratio and strain rate on the deformation behavior of rolled and homogeneous armor steel in the split Hopkinson pressure bar test process	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish K Srivastava, Shubham Sharma, Nitin Kotkunde	Mechanical Engineering	Proc IMechE Part E: J Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211036531	SCIE
Recovery of Cr from chrome-containing leather waste and its utilization as reinforcement along with waste spent alumina catalyst and grinding sludge in AA 5052-based metal matrix composites	Shashi P Dwivedi, Rohit Sahu, Ambuj Saxena, Vijay K Dwivedi, Krovvidi Srinivas, Shubham Sharma	Mechanical Engineering	Proc IMechE Part E: J Process Mechanical Engineering	2021-22	2041-3009	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/09544089211038385	SCIE
Assessment of Dimensional Stability, Biodegradability, and Fracture Energy of Bioâ€œComposites Reinforced with Novel Pine Cone.	Jha, K.; Tyagi, Y.K.; Kumar, R.; Sharma, S.; Huzaifah, M.R.M.; Li, C.; Ilyas, R.A.; Dwivedi, S.P.; Saxena, A.; Pramanik, A	Mechanical Engineering	Polymers	2021-22	ISSN 2073-4360	https://www.mdpi.com/journal/polymers	https://doi.org/10.3390/polym13193260	SCIE
Effect of Ball-Milling Process Parameters on Mechanical Properties of Al/Al ₂ O ₃ /Collagen Powder Composite using Statistical Approach	Shashi Prakash Dwivedi, Ambuj Saxena	Mechanical Engineering	Journal of Materials Research and Technology	2021-22	2238-7854	https://www.journals.elsevier.com/journal-of-materials-research-and-technology	https://doi.org/10.1016/j.jmrt.2021.09.082	SCIE
Comparative Analysis of Erosive Wear Behaviour of Epoxy, Polyester and Vinyl Esters Based Thermosetting Polymer Composites for Human Prosthetic Applications Using Taguchi Design	Khare, J.M.; Dahiya, S.; Gangil, B.; Ranakoti, L.; Sharma, S.; Huzaifah, M.R.M.; Ilyas, R.A.; Dwivedi, S.P.; Chattopadhyaya, S.; Kilinc, H.C	Mechanical Engineering	Polymers	2021-22	2073-4360	https://www.mdpi.com/journal/polymers	https://doi.org/10.3390/polym13203607	SCI
Management of Cattle Dung and Novel Bioelectricity Generation Using Microbial Fuel Cells: An Ingenious Experimental Approach	Shashi Prakash Dwivedi	Mechanical Engineering	International Journal of Chemical Engineering	2021-22	1687-8078	https://www.hindawi.com/journals/ijce/	https://doi.org/10.1155/2021/5536221	SCI
Synthesis and Characterization of Cr, Eggshell and Grinding Sludge Reinforced Aluminum Based Metal Matrix Composites: An Ingenious Experimental Approach	Shashi Prakash Dwivedi, Manish Maurya, Shubham Sharma	Mechanical Engineering	Green materials	2021-22	2049-1239	https://www.icevirtualibrary.com/toc/igrma/current	https://doi.org/10.1680/jgrma.21.00035	SCI
Optimization of casting parameters for improved mechanical properties of eggshell reinforced composites	Dwivedi, Shashi Prakash, Maurya, Nagendra Kumar, Maurya, Manish, Saxena, Ambuj and Srivastava, Ashish Kumar	Mechanical Engineering	Materials Testing	2021-22	2195-8572	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.1515/mt-2021-0044	SCIE
Biodiesel yield enhancement through optimizing process parameters with assistance of Solar Energy - Taguchi and Response Surface Methodology Application	Abhishek Sharma	Mechanical Engineering	Proc IMechE, Part C: Journal of Mechanical Engineering Science	2021-22	0022-2542	https://journals.sagepub.com/home/pic	https://journals.sagepub.com/doi/abs/10.1177/09544062211054980?journalCode=picb	SCIE
Experimental Investigation and Statistical Analysis of Low Frequency RFID System	Shilpa Chaudhary, Abhishek Sharma	Mechanical Engineering	Journal of Engineering Research	2021-22	2307-1877	https://kuwaitjournals.org/jer/index.php/JER/article/view/15555	https://doi.org/10.36909/jer.ICEMME.15555	SCIE
Rheological characteristics and tribological performance of Neem biodiesel based nano oil added with MWCNT	Abhishek Sharma	Mechanical Engineering	Biomass Conversion and Biorefinery	2021-22	2190-6823	https://www.springer.com/journal/13399	https://doi.org/10.1007/s13399-021-01919-7	SCI
Extraction of Cr from CCLW and its utilization in the development of composite by friction stir process	Shashi Prakash Dwivedi	Mechanical Engineering	Australian Journal of Mechanical Engineering	2021-22	2204-2253	https://www.tandfonline.com/toc/tmec20/current	https://doi.org/10.1080/14484846.2021.1953265	SCOPUS
Extraction of Cr from chrome containing leather waste to develop composite at optimum casting parameters using response surface methodology	Islam, A., Dwivedi, S.P. and Dwivedi, V.K.	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	World Journal of Engineering Emerald Insight	https://doi.org/10.1108/WJE-10-2020-0517	SCOPUS
Analysis of mechanical properties of Al-based metal matrix composite reinforced with ES and RHA	Yadav, R., Dwivedi, V.K., Islam, A. and Dwivedi, S.P.	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	https://www.emeraldinsight.com/publication/issn/1708-5284	https://doi.org/10.1108/WJE-02-2021-0079	SCOPUS

Microstructure and mechanical testing of Al/graphite/Fly-ash metal matrix composite material	Yadav, R., Dwivedi, S.P., Dwivedi, V.K. and Islam, A.	Mechanical Engineering	World Journal of Engineering	2021-22	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://doi.org/10.1108/WJE-07-2021-0408	SCOPUS
Development of Aluminium Based Composite by Utilizing Industrial Waste and Agro-Waste Material as Reinforcement Particles	Islam, A., Dwivedi, S.P., Yadav, R.	Mechanical Engineering	J. Inst. Eng. India Ser. D	2021-22	2250-2130	https://link.springer.com/journal/40033/volumes-and-issues	https://doi.org/10.1007/s40033-021-00292-z	SCOPUS
Study of CCLW, Alumina and the Mixture of Alumina- and CCLW-Reinforced Aluminum-Based Composite Material with and Without Mechanical Alloying	Dwivedi, S.P., Maurya, M. & Sharma, S	Mechanical Engineering	J. Inst. Eng. India Ser. D	2021-22	2250-2130	https://link.springer.com/journal/40033/volumes-and-issues	https://doi.org/10.1007/s40033-021-00312-y	SCOPUS
Determination of Warm Deep Drawing Behavior of DP590 Steel Using Numerical Modeling and Experimental Process Window	Ambuj Saxena	Mechanical Engineering	Arabian Journal for Science and Engineering	2020-21	2191-4281	https://www.springer.com/journal/13369	https://www.springerprofessional.de/en/determination-of-warm-deep-drawing-behavior-of-dp590-steel-using/19539860	SCIE
Electrostatic Deposition and Functionalization of CVD Grown Multiwalled Carbon Nanotubes for Sensitive & Selective Detection of CO and NOx at Room Temperature,	Pooja Saxena	Applied Science and Humanities	Analytica Chimica Acta	2020-21	0003-2670	Analytica Chimica Acta Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.aca.2021.338766	SCI
Battery-operated resistive sensor based on electrochemically exfoliated pencil graphite core for room temperature detection of LPG,	Prashant Shukla, Pooja Saxena, D Madwal, N Bhardwaj, V K Jain	Applied Science and Humanities	Sensors and Actuators B: Chemical,	2020-21	0925-4005	https://www.sciencedirect.com/journal/sensors-and-actuators-b-chemical	https://doi.org/10.1016/j.snb.2021.130133	SCI
Development of Al clay composite by friction stir process and its characterization	S P Dwivedi, Mahesh Pandey	Applied Science and Humanities	Clay Research	2020-21	0974-4509	https://www.indianjournals.com/ijor.aspx?target=ijor:cr&type=home	http://dx.doi.org/10.5958/0974-4509.2021.00003.6	Scopus
Reliable controller for nonlinear multiagent system with additive time varying delay and nonlinear actuator faults	Bandana Priya, Ganesh Kumar Thakur, Syeda Asma Kauser Syed Ali R agalya	Applied Science and Humanities	Mathematical method in Applied Sciences	2020-21	1099-1476	https://onlinelibrary.wiley.com/journal/10991476	https://doi.org/10.1002/mma.7797	SCI
Prototyping of a highly sensitive and selective chemiresistive sensor based on pencil graphite for rapid detection of NO2 and NH3	Prashant Shukla, Pooja Saxena, D Madwal, N Bhardwaj, V K Jain	Applied Science and Humanities	New Journal of Chemistry	2020-21	1369-9261	https://pubs.rsc.org/en/journals/issues/njchem/articles&adv	https://doi.org/10.1039/D0NJ05594H	SCI
Polymer Nanocomposites in Sensor Applications: A Review on Present Trends and Future Scope	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Chineses Journal of Polymer Science	2020-21	1439-6203	https://www.springer.com/journal/10118	https://doi.org/10.1007/s10118-021-2553-8	SCI
Improving heterogeneously catalyzed transesterification reaction for biodiesel production using ultrasound energy and petro-diesel as cosolvent	Soumya Parida	Applied Science and Humanities	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020-21	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2021.1889723	SCI
Design of tunable 8 channel DWDM covers all transmission windows using defect mode nonlinear photonic crystals	Sanjeev Sharma	Applied Science and Humanities	Optical Engineering	2020-21	1560-2303	https://www.spiedigitallibrary.org/journals/optical-engineering/volume-60/issue-1	https://doi.org/10.1117/1.OE.60.1.017105	SCI
Air- gap thermally stimulated discharge currents in PVDF-PMMA double layered samples,	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Journal of Thermal Analysis and Calorimetry	2020-21	1588-2926	https://www.springer.com/journal/10973	https://doi.org/10.1007/s10973-021-10680-y	SCI
Finite-Time Stability Analysis of Switched Genetic Regulatory Networks with Time-Varying Delays via Wirtinger's Integral Inequality	Saravanan, S., Syed Ali, M., Rajchakit, G., Priya, Bandana., Thakur, G.K.	Applied Science and Humanities	Complexity	2020-21	1099-0526	https://www.hindawi.com/journals/complexity/about/#aims-and-scope	https://doi.org/10.1155/2021/9540548	SCI
An exact solution of the observable universe in Bianchi v space-time	Prasad, R., Manvinder Singh., Yadav, A.K., Beesham, A.	Applied Science and Humanities	International Journal of Modern Physics A	2020-21	1793-656X	https://www.worldscientific.com/worldscinet/iimpa	https://doi.org/10.1142/S0217751X21500445	SCI
Analysis of Silica Based Single-Mode Fiber Doped with Germanium at Different Transmission Window	Sharma, Sanjeev, Kumar, A.	Applied Science and Humanities	Silicon	2020-21	1876-9918	https://www.springer.com/journal/12633	https://doi.org/10.1007/s12633-020-00884-6	SCI
(E)-4-(4-(4-hydroxy-2-ox-2H-chromen-3-yl)diazenyl)-N-(6-methoxy-pyridazine-3-yl)benzenesulfonamide: A new antiviral agent for Herpes Simplex Virus type-2	Ashish Kumar, Brij Kishore Tiwari, Mamta Mishra, R K Mishra	Applied Science and Humanities	Evergreen	2020-21	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4480717	Scopus
An importance and advancement of QSAR parameters in modern drug design: A Review	B K Tiwari, Ashish Kumar, Dr Subhadra Rajput	Applied Science and Humanities	International Journal of Application or Innovation in Engineering & Management (IIAEM)	2020-21	2319-4847	www.ijaiem.org	https://www.ijaiem.org/Volume10Issue6/IIAEM-2021-06-29-15.pdf	Scopus

PREDICTING THE EFFECT OF FINEPARTICULATE MATTER (PM2.5) ON ANECOSYSTEMINCLUDINGCLIMATE,PLANTS AND HUMAN HEALTH USING MACHINELEARNINGMETHODS	Subhadra Rajpoot, PrakarshKaushik, DevangPratapsingh, Brij Kishore tiwari	Applied Science and Humanities	International Journal of Application or Innovation in Engineering & Management (IJAIEM)	2020-21	2319-4847	www.ijaiem.org	https://www.ijaiem.org/Volume10Issue5/IJAIEM-2021-05-06-1.pdf	Scopus
Preparation, Microstructure, Dielectric and Electrical Analysis of Fe modified PZT piezoceramics	Arvind Pal, Vijayeta Pal, S.K.Mishra	Applied Science and Humanities	Journal of Material Science: Materials in Electronics	2020-21	1573-482X	https://www.springer.com/journal/10854	https://doi.org/10.1007/s10854-020-05046-3	SCI
Stability analysis of stochastic fractional-order competitive neural networks with leakage delay	Ali, M.S., Hymavathi, M., Priya, Bandana, Kausar, S.A., Thakur, G.K.	Applied Science and Humanities	AIMS Mathematics	2020-21	2473-6988	https://www.aimspress.com/journal/math	https://www.aimspress.com/article/doi/10.3934/math.2021193	SCI
A comprehensive review on fundamental properties and applications of poly(vinylidene fluoride) (PVDF)	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Advanced composite and hybrid materials	2020-21	2522-0136	https://www.springer.com/journal/42114	https://doi.org/10.1007/s42114-021-00217-0	SCI
2D photonic crystal based biosensor for the detection of chikungunya virus	Sharma, Sanjeev, Kumar, A., Singh, K.S., Tyagi, H.K.	Applied Science and Humanities	Optik	2020-21	0030-4026	https://www.sciencedirect.com/journal/optik	https://doi.org/10.1016/j.jleo.2021.166575	SCI
Studies of the effect of temperature on charge accumulation in PVDF-PMMA double layered thin films based on depolarization current measurements	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Journal of Elastomers and Plastics,	2020-21	0095-2443	https://journals.sagepub.com/home/iep	https://doi.org/10.1177/00952443211996401	SCI
A comparative analysis of the basic properties and applications of Poly (vinylidene Fluoride) (PVDF) and Poly (methyl methacrylate) (PMMA),	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Polymer Bulletin	2020-21	0170-0839	https://www.springer.com/journal/289	https://doi.org/10.1007/s00289-021-03790-y	SCI
Stability analysis of quasi one-sided Lipschitz non-linear multi-agent system via sampled data control subject to directed switching topology	M S Ali, R Agalya, Banadana Priya, Ganesh Kumar Thakur, Vineet Shekher	Applied Science and Humanities	IMA Journal of Mathematical Control and Information	2020-21	0265-0754	https://academic.oup.com/imamci	https://doi.org/10.1093/imamci/dnab005	Scopus
Finite-time stability analysis of fractional-order memristive fuzzy cellular neural networks with time delay and leakage term	Syed Ali, M., Narayanan, G., Saroha, S., Priya, Bandana, Thakur, G.K.	Applied Science and Humanities	Mathematics and Computers in Simulation	2020-21	0378-4754	https://www.sciencedirect.com/journal/mathematics-and-computers-in-simulation	https://doi.org/10.1016/j.matcom.2020.12.035	SCI
Design of an ODR mirror by using temperature dependance ZNS based 1D photonic crystals	Sanjeev Sharma, Rajesh Tiwari	Applied Science and Humanities	Solid state technology	2020-21	0038-111X	http://solidstatetechnology.us/index.php/JSST	http://solidstatetechnology.us/index.php/JSST/article/view/5289	Scopus
(E)-4-((4-hydroxy-2-ox-2H-chromen-3yl)diazonyl)-N-(6-methoxy-pyridazine-3-yl)benzenesulfonamide: A new antiviral agent for Herpes Simplex Virus type-1	Ashish Kumar, Brij Kishore Tiwari, Mamta Mishra, R K Mishra	Applied Science and Humanities	Research Journal of Chemistry and Environment	2020-21	0972-0626	https://ores.su/en/journals/research-journal-of-chemistry-and-environment/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4480717/351-357.pdf	Scopus
Thermal analysis of polymer blends and double layer by DSC	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Polymer and Polymer Composite	2020-21	1478-2391	https://journals.sagepub.com/home/ppc	https://doi.org/10.1177/0967391120984606	SCI
Robust stability of Markovian jumping neural networks with time-varying delays	Priya, B., Thakur, G.K., Garg, S.K., Ali, M.S.	Applied Science and Humanities	Nonlinear Dynamics and Systems Theory	2020-21	1813-7385	http://e-ndst.kiev.ua/	https://www.e-ndst.kiev.ua/v20n5/7(75).pdf	Scopus
Microporous Polymer Membrane Assisted Water Induced Electricity Generation Based on Tribo Electrification and Electrostatic Induction	Prashant Shukla, Pooja Saxena, D Madwal, N Bhardwaj, V K Jain	Applied Science and Humanities	RSC Advances	2020-21	2046-2069	https://www.rsc.org/journals-books-databases/about-journals/rsc-advances/	https://doi.org/10.1039/D0RA07982K	SCI
Predictive models and analysis of peak and flatten curve values of COVID-19 cases in India	Bhatnagar, P., Kaura, S., Rajan, S.	Applied Science and Humanities	Evergreen	2020-21	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://doi.org/10.5109/4150465	Scopus
A Review on Polymer Electrets and its applications	Pooja Saxena, Prashant Shukla	Applied Science and Humanities	Material Performance and Characterization	2020-21	2379-1365	https://www.astm.org/materials-performance-and-characterization.html	https://doi.org/10.1520/MPC20200126	ESCI/Scopus
Approximation by Q-Analogue of Beta-Szasz Operators	Rupa Rani Sharma Sangeeta Garg	Applied Science and Humanities	Journal of Xidian University	2020-21	1001-2400	https://xadzkjdx.cn/index.php/volume-14-issue-5-may-20-page-4/	https://doi.org/10.37896/jxu14.5/604	Scopus
Review on friction stir welding	Tribhuvan Singh1, Lavakush Mishra2, Zakir Ali Hyderi3, Rishikesh Kumar Singh4	Applied Science and Humanities	International Journal of Scientific Development and Research - IJSDR	2020-21	2455-2631	https://www.ijedr.org	https://www.ijedr.org/papers/IJSDR2012033.pdf	UGC
Field evaluation of novel insecticides against brown planthopper (Nilaparvata lugens) and white backed planthopper (Sogatella furcifera) in rice	S S DHAKA, MONIKA RAI, M RAI, A YADAV	Applied Science and Humanities	The Indian Journal of Agricultural Sciences	2020-21	0019-5022	https://epubs.icar.org.in/index.php/IJAgS/index	https://doi.org/10.56093/ijas.v9i08.105956	Scopus
On uncertain module fuzzy graph and resemblance coefficients	Bandana Priya, Ganesh Thakur, Pawan Kumar Sharma	Applied Science and Humanities	J. Math. Comput. Sci	2020-21	1927-5307	http://scik.org/index.php/jmcs	https://doi.org/10.28919/jmcs/4522	Scopus

Cost-effective product prioritisation technique for software product line testing	Satendra Kumar	Computer Science & Engineering	International Journal of Engineering Systems Modelling and Simulation	2020-21	1755-9766	https://www.inderscience.com/home.php?i=iesms	https://doi.org/10.1504/IJESMS.2021.115518	ESCI/Scopus
SafeWomen: A Smart Device to Secure Women Environment Using ATmega328 with an Android Tracking App	Kavita Sharma	Computer Science & Engineering	International Journal of Digital Crime and Forensics	2020-21	1941-6210	https://www.igi-global.com/journal/international-journal-digital-crime-forensics/1112	https://www.igi-global.com/article/safe-women/267149	ESCI/Scopus
Internet of healthcare things security vulnerabilities and jamming attack analysis	Kavita Sharma	Computer Science & Engineering	Expert Systems	2020-21	1468-0394	https://onlinelibrary.wiley.com/journal/14680394	https://doi.org/10.1111/essv.12853	SCIE
Improved Model for the Stability Analysis of Wireless Sensor Network Against Malware Attacks	G Sanyal	Computer Science & Engineering	Wireless Personal Communications	2020-21	0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-020-07809-x	SCIE
Blockchain-based e-cheque clearing framework with trust based consensus mechanism	Tarun Kumar	Computer Science & Engineering	Cluster Computing	2020-21	1386-7857	https://www.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-020-03163-6	SCIE
Indel-K2P: a modified Kimura 2 Parameters (K2P) model to incorporate insertion and deletion (Indel) information in phylogenetic analysis	Dr. Sanjeev Pippal	Computer Science & Engineering	Cyber-Physical Systems,	2020-21	Print ISSN: 2333-5777 Online ISSN: 2333-5785	https://www.tandfonline.com/loc/tvb20/current	https://www.tandfonline.com/doi/abs/10.1080/23335777.2021.1879274	SCOPUS
Parameter aware utility proportional fairness scheduling technique in a communication network share on	Dr.Kavita Sharma	Computer Science & Engineering	International Journal of Innovative Computing and Applications Volume 12Issue 2-3	2020-21	ISSN:1751-648X	https://dl.acm.org/loc/iijca/2021/12/2-3	https://dl.acm.org/doi/abs/10.1504/iijca.2021.113742	SCOPUS
Identification of copy-move and splicing based forgeries using advanced SURF and revised template matching	Ms. Anuj Rani	Computer Science & Engineering	Multimedia Tools and Applications	2020-21	1380-7501	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-021-10810-6	SCOPUS
Modeling and simulation of urban air quality with a 2-phase assessment technique	Ms. Anuj Rani	Computer Science & Engineering	Simulation Modelling Practice and Theory	2020-21	1569-190X	https://www.sciencedirect.com/journal/simulation-modelling-practice-and-theory	https://doi.org/10.1016/j.simpat.2021.102281	SCOPUS
A Non-invasive Approach to Identify Insulin Resistance with Triglycerides and HDL-c Ratio Using Machine learning	Ms. Anuj Rani	Computer Science & Engineering	Neural Processing Letters	2020-21	1370-4621	https://www.springer.com/journal/11063	https://link.springer.com/article/10.1007/s11063-021-10461-6	SCOPUS
CNN-SSPSO: A Hybrid and Optimized CNN Approach for Peripheral Blood Cell Image Recognition and Classification	Dr. Rajiv Kumar	Computer Science & Engineering	International Journal of Pattern Recognition and Artificial Intelligence	2020-21	ISSN (print): 0218-0014 ISSN (online): 1793-6381	https://www.worldscientific.com/worldscinet/ijprai	https://www.worldscientific.com/doi/10.1142/S0218001421570044	SCOPUS
Hybrid DSSCS and convolutional neural network for peripheral blood cell recognition system	Dr. Shivani Joshi	Computer Science & Engineering	IET Image Processing journal	2020-21	Print ISSN 1751-9659, Online ISSN 1751-9667	https://digital-library.theiet.org/content/journals/iet-ipr	https://digital-library.theiet.org/content/journals/10.1049/iet-ipr.2020.0370	SCOPUS
A review of imaging techniques for plant disease detection	Ms. Namita Sharma	Computer Science & Engineering	Artificial Intelligence in Agriculture	2020-21	2589-7217	https://www.sciencedirect.com/journal/artificial-intelligence-in-agriculture	https://www.sciencedirect.com/science/article/pii/S2589721720300295	SCOPUS
CLUSTERING ADAPTIVE ELEPHANT HERD OPTIMIZATION APPROACH-BASED DATA DISSEMINATION PROTOCOL FOR VEHICULAR AD HOC NETWORKS	Mr. Bhoopendra Dwivedy	Computer Science & Engineering	JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES	2020-21	0973-8975	http://www.journalimcms.org	https://doi.org/10.26782/jmcmcs.2020.10.00003	SCOPUS
Prediction of Landsliding using Univariate Forecasting Models	Ms. Anuj Rani	Computer Science & Engineering	Internet Technology Letters	2020-21	ISSN:2476-1508	https://www.wiley.com/journal/itl	https://doi.org/10.1002/itl.2209	SCOPUS
Read range optimization of low frequency RFID system in hostile environmental conditions by using fsm approach	Shilpa Choudhary	Electronics & Communication Engg.	Evergreen	2020-21	2189-0420	https://www.tj.kvshu-u.ac.jp/evergreen/	https://doi.org/10.5109/4068619	SCOPUS
Network Planning in Deep Fading Area is a Research Challenge.	Sharma, S., Singh, B.	Electronics & Communication Engg.	Wireless Pers Commun (2021).	2020-21	1572-834X Electronic ISSN 0929-6212 Print ISSN	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-020-07971-2	SCI
Qualitative Analysis of Intra-Class and Inter-Class Clustering Routing and Clusterization in Wireless Sensor Network	Arpana Mishra,*, Rashmi Priyadarshini, Shilpa Choudhary, R M Mehra	Electronics & Communication Engg.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 08, Issue 02, pp358-373, June 2021	2020-21	ISSN:2189-0420(Print) ISSN:2432-5953(Online)	http://www.tj.kvshu-u.ac.jp/evergreen/aim_scope.php	https://catalog.lib.kvshu-u.ac.jp/opac_download/md/4480718/358-373.pdf	Scopus
Analysis of power consumption in standalone 5G network and enhancement in energy efficiency using a novel routing protocol	Deepti Sharma, Sanyam Singhal, Amrita Rai, Amandeep Singh	Electronics & Communication Engg.	Sustainable Energy, Grids and Networks	2020-21	2352-4677 ISSN	https://www.journals.elsevier.com/sustainable-energy-grids-and-networks	https://www.sciencedirect.com/science/article/pii/S2352467720303581	SCI
Nth order Simple Hyperjerk System with unstable equilibrium and Its Application as RPG	Manoj Joshi, Ashish Ranjan	Electronics & Communication Engg.	Circuits, Systems, and Signal Processing	2020-21	1531-5878 (Electronic) 0278-081X (Print)	https://www.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-021-01752-3	SCI
Pixel based classification for Landsat 8 OLI multispectral satellite images using deep learning neural network	Mohan Singh, Kapil Dev Tyagi	Electronics & Communication Engg.	Remote Sensing Applications: Society and Environment	2020-21	2352-9385 ISSN	https://www.sciencedirect.com/journal/remote-sensing-applications-society-and-environment	https://doi.org/10.1016/j.rsase.2021.100645	SCOPUS

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Mitigating the Effect of COVID Lockdown Period on Channel and Bandwidth Utilization in Mobile Communication Network in North Western Rajasthan (India)	Hemant Purohit, Parnet Kaur & Shilpa Choudhary	Electronics & Communication Engg.	Wireless Personal Communications	2020-21	Electronic ISSN 1572-834X Print ISSN 0929-6212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-021-09300-7	SCI
Cooperative Spectrum Sensing Optimization for Cognitive Radio in 6 G networks	Krishna Kant Singh, Piyush Yadav, Akansha Singh, Gaurav Dhiman, Korhan Cengiz	Electronics & Communication Engg.	Computers and Electrical Engineering	2020-21	0045-7906 ISSN	https://www.journals.elsevier.com/computers-and-electrical-engineering	https://www.sciencedirect.com/science/article/pii/S045790621003475	SCI
Use of RSM Technology for the Optimization of Received Signal Strength for LTE Signals Under the Influence of Varying Atmospheric Conditions	S Choudhary, A Sharma, S Gupta, H Purohit, S Sachan	Electronics & Communication Engg.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 07, Issue 04, pp500-509, December 2020	2020-21	ISSN:2189-0420(Print) ISSN:2432-5953(Online)	http://www.tj.kyushu-u.ac.jp/evergreen/aim_scope.php	https://catalog.lib.kyushu-u.ac.jp/opac_download/md/4150469/500-509.pdf	Scopus
Modeling of a dual circularly polarized capacitive-coupled slit-loaded truncated microstrip antenna	Singh, D.K., Kanaujia, B.K., Dwari, S., Pandey, G.P.	Electronics & Communication Engg.	Journal of Computational Electronics	2020-21	ISSN: 1877-0509	https://www.springer.com/journal/10825	https://www.springerprofessional.de/en/modeling-of-a-dual-circularly-polarized-capacitive-coupled-slit-/18153002	SCI
Network Planning for Deep Fading Area at 1.8 GHz LTE Network	Piyush Yadav, Kushaagra Maheshwari, Abhijeet Kumar Lal and Rajeev Agrawal	Electronics & Communication Engg.	Wireless Personal Communications Springer US	2020-21	Electronic ISSN 1572-834X Print ISSN 0929-6212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-020-07788-z	SCI
Comparative Study on Modern Multispectral Satellite Image Classification Using Machine Intelligence Approach	Mohan Singh, Kapil Dev Tyagi	Electronics & Communication Engg.	International Journal of Interdisciplinary Global Studies, Volume: 14, Issue No: 04, Oct-Dec 2020.	2020-21	ISSN No.: 2324-7568 (Online),ISSN No: 2324-755X (Print)	https://egscholar.com/bookstore/cgm/222/273	https://www.scopus.com/sourceid/21100258851	Scopus
A Transfer Learning approach for AI-based classification of brain tumors	Rajat Mehrotra, M.A. Ansari, Rajeev Agrawal, R.S. Anand	Electrical and Electronics Engineering	Machine Learning with Applications, Volume 2, 2020,100003, ISSN 2666-8270.	2020-21	ISSN: 2666-8270	https://www.sciencedirect.com/journal/machine-learning-with-applications	https://doi.org/10.1016/j.mlwa.2020.100003	SCI
System Approximation via Restructured Hankel Matrix	Jay Singh	Electrical and Electronics Engineering	Circuits, Systems, and Signal Processing, Springer	2020-21	0278-081X	https://www.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-021-01745-2	SCI
Intelligent Door Lock System	Brijesh Prasad	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology	2020-21	2278-3075	https://www.iitjee.org/	https://www.iitjee.org/wp-content/uploads/papers/v9i10/I75240891020.pdf	Scopus
Compact 2 Å— 2/4 Å— 4 tapered microstrip feed MIMO antenna configuration for high-speed wireless applications with band stop filters	P.C Vashist	Information Technology	International Journal of RF and Microwave Computer-Aided Engineering	2020-21	1099-047X	https://onlinelibrary.wiley.com/journal/1099047x	https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.22500	SCIE
Toward green computing in wireless sensor networks: prediction-oriented distributed clustering for non-uniform node distribution	Manoj Kumar Tyagi	Information Technology	EURASIP Journal on Wireless Communications and Networking	2020-21	1687-1499	https://iwcn-urasipjournals.springeropen.com/	https://iwcn-urasipjournals.springeropen.com/articles/10.1186/s13638-020-01788-0	SCI
MCNN: A Deep Learning Based Rapid Diagnosis Method for COVID-19 from the X-ray Images	Ashish Tripathi	Information Technology	Revue d'Intelligence Artificielle (IETA) (SCImago, SCOPUS)	2020-21	0992-499X (Print)/1958-5748(Online)	https://www.ieta.org/Journals/RIA	http://www.ieta.org/journals/ria/paper/10.18280/ria.340601	SCOPUS
A novel intelligent round robin CPU scheduling algorithm	Prem Sagar Sharma, Sanjeev Kumar, Madhu S Gaur	Master of Computer Application	International Journal of Information Technology	2020-21	2511-2112	https://www.springer.com/journal/41870	https://link.springer.com/article/10.1007/s41870-021-00630-0	Scopus
A Significant Review of Surveys Emphasizing on Network Structure Routing in Wireless Sensor Network	Sandeep Srivastava	Master of Computer Application	Solid State Technology	2020-21	0038-111X	http://solidstatetechnology.us/index.php/JSST	http://solidstatetechnology.us/index.php/JSST/article/view/10228	Scopus
Machining performance and sustainability analysis of PMEDM process using green dielectric fluid	A.K Srivastava	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2020-21	1806-3691	https://www.springer.com/journal/40430	https://link.springer.com/article/10.1007/s40430-022-03878-0	SCIE
Prediction of an optimum engine response based on different input parameters on common rail direct injection diesel engine: A response surface methodology approach	Abhishek Sharma	Mechanical Engineering	Scientia Iranica	2020-21	1026-3098	https://scientiairanica.sharif.edu/	https://scientiairanica.sharif.edu/article_22272.html	SCIE
Optimization of diesel engine performance and emission characteristics with cerium oxide nanoparticles mixed waste cooking oil biodiesel blends	Abhishek Sharma	Mechanical Engineering	International Journal of Engine Research	2020-21	1468-0874	https://journals.sagepub.com/home/JER	https://doi.org/10.1177/14680874221133223	SCI
Extraction of collagen powder from chrome containing leather waste and its composites with alumina employing different casting techniques	Shashi Prakash Dwivedi	Mechanical Engineering	Materials Chemistry and Physics	2020-21	0254-0584	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://www.sciencedirect.com/science/article/abs/pii/S0254058420306441	SCI

Synthesis and mechanical behavior of ball-milled agro-waste rha and eggshell reinforced composite material	Shashi Prakash Dwivedi	Mechanical Engineering	Materials Performance and Characterization	2020-21	2165-3992	https://journals.sagepub.com/home/PIC	https://doi.org/10.1177/09544062211061451	SCIE
Sustainable route for S. Oleosa biodiesel production using response surface methodology	Abhishek Sharma	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2020-21	1556-7036	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2020.1837298	SCIE
Brucea Javanica: A novel nonedible feedstock for bio-based lubricant application with the effect of ZrO2 nanoparticles	Abhishek Sharma	Mechanical Engineering	Environmental Progress and Sustainable Energy	2020-21	1944-7450	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://aiche.onlinelibrary.wiley.com/doi/abs/10.1002/ep.13602	SCIE
Experimental investigation on electric discharge drilling of titanium alloy (TiO2) with a gas-aided rotary tool	Abhishek Sharma	Mechanical Engineering	Sadhana - Academy Proceedings in Engineering Sciences	2020-21	0256-2499	https://www.springer.com/journal/12046	https://link.springer.com/article/10.1007/s12046-020-01497-w	SCIE
CFD and thermo-hydraulic analysis of multiple arc roughened absorber plate with gaps used in solar air heaters	Navneet Kumar Pandey, VK Bajpai, Abhishek Sharma, Sanjay Yadav	Mechanical Engineering	International Journal of Ambient Energy	2020-21	2162-8247	https://www.tandfonline.com/journals/taen21	https://doi.org/10.1080/01430750.2020.1824941	SCOPUS
Analysis of Performance, Emission and combustion characteristics of a single cylinder VCR engine when run on blends of 1-octanol and Diesel	Ashish Kumar Singh, Amardeep, Vinod Kumar Yadav	Mechanical Engineering	Journal of Engineering Research	2020-21	2307-1885	https://kuwaitjournals.org/jer/index.php/JER/home	https://doi.org/10.36909/jer.ICCEMME.15723	SCIE
Development of Marble Dust/Waste PET Based Polymer Composite Material for Environmental Sustainability: Fabrication and Characterizations	A. Islam, S. P. Dwivedi, V. Kumar Dwivedi, S. Sharma, and D. Kozak	Mechanical Engineering	Materials Performance and Characterization	2020-21	2165-3992	https://www.astm.org/materials-performance-and-characterization.html	https://www.bib.irb.hr/140896	SCIE
Prediction of Performance and Emission Parameters of DI Diesel Engine Running on Kusum Biodiesel- A Combined Application of Neuro-Fuzzy Technique and Genetic Algorithm	Abhishek Sharma	Mechanical Engineering	Fuel	2020-21	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.118629	SCIE
Chemical Modification of Juliflora oil with trimethylolpropane (TMP) and effect of TiO2 nanoparticles concentration during tribological investigation	Abhishek Sharma	Mechanical Engineering	Fuel	2020-21	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.118704	SCIE
Effect of design parameters on performance and emissions of DI diesel engine running on biodiesel-diesel blends: Taguchi and Utility Theory	Abhishek Sharma, Nagendra Maurya	Mechanical Engineering	Fuel	2020-21	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.118765	SCIE
Experimental investigations of A359/Si3N4 surface composite produced by multi-pass friction stir processing	Ashish Kr Srivastava, Nagendra Kumar Maurya, Shashi Prakash Dwivedi, Ambuj Saxena	Mechanical Engineering	Materials Chemistry and Physics	2020-21	0254-0584	https://www.journals.elsevier.com/materials-chemistry-and-physics	https://doi.org/10.1016/j.matchemphys.2020.123717	SCI
Surface Roughness Report and 3D Surface Analysis of Hybrid Metal Matrix Composites (MMC) During Abrasive Water Jet (AWJ) Cutting	Ashish Kumar Srivastava, Shashi Prakash Dwivedi, Nagendra Kumar Maurya, Rohit Sahu	Mechanical Engineering	International Information and Engineering Technology Association (IIETA)	2020-21	1169-7954 (print)	https://www.iieta.org/	doi.org/10.18280/rcma.303-407	SCOPUS
Composites Prepared via Friction Stir Processing Technique: A Review	Nagendra Kumar Maurya	Mechanical Engineering	International Information and Engineering Technology Association (IIETA)	2020-21	1169-7954 (print)	https://www.iieta.org/	https://doi.org/10.18280/rcma.303-404	SCOPUS
Effect of Graphene nanoparticles on microstructural and mechanical properties of aluminum based nanocomposites fabricated by stir casting	Ashish Kumar Srivastava, Brijesh Sharma, B.R Saju, A Shukla, Ambuj Saxena, Nagendra Kumar maurya	Mechanical Engineering	World Journal of Engineering	2020-21	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://doi.org/10.1108/WJE-04-2020-0128	SCOPUS
Cognizance on Pandemic Corona Virus Infectious Disease (COVID-19) by using Statistical Technique: A Study and Analysis	Vijay K Yadav, Vinod Kumar Yadav and J. P. Yadav	Mechanical Engineering	Evergreen	2020-21	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4068611/Pages_329-335.pdf	SCOPUS
Kinematic and Kinetic Gait Analysis of bilateral Knee Osteoarthritis and Its Effects on ankle and hip Gait Mechanics	Shailendra Singh Chauhan	Mechanical Engineering	Evergreen	2020-21	2189-0420	http://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4068617/Pages_359-365.pdf	SCOPUS
Mechanical Strength Enhancement of 3D Printed Acrylonitrile Butadiene Styrene Polymer Components Using Neural Network Optimization Algorithm	Shashi Prakash Dwivedi	Mechanical Engineering	Polymers	2020-21	2073-4360	https://www.mdpi.com/journal/polymers	doi:10.3390/polym12102250	SCI

Microstructure, Mechanical and Thermal Behaviour of Al-Clay Composite Material Developed by Stir Casting Technique	Shashi Praksash Dwivedi, Ambuj Saxena	Mechanical Engineering	Clay Research	2020-21	0974-4509	https://www.indianjournals.com/ijor.aspx	http://dx.doi.org/10.5958/0974-4509.2020.00002.9	SCOPUS
Effect of ZnO nanoparticles concentration as additives to the epoxidized Euphorbia Lathyris oil and their tribological characterization	Abhishek Sharma	Mechanical Engineering	Fuel	2020-21	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.119148	SCIE
Friction stir additive manufacturing – An innovative tool to enhance mechanical and microstructural properties	Ashish Kr. Srivastava, Nilesh Kumar, Amit Rai Dixit	Mechanical Engineering	Materials Science and Engineering: B	2020-21	0921-5107	https://www.sciencedirect.com/journal/materials-science-and-engineering-b	https://doi.org/10.1016/j.mseb.2020.114832	SCI
Fabrication of AA7075 Hybrid Green Metal Matrix Composites by Friction Stir Processing Technique	Sanjay Kumar, Ashish Kr. Srivastava, Rakesh Kr. Singh	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2020-21	1958-5934	https://www.iieta.org/Journals/ACSM	https://doi.org/10.18280/acsm.440409	SCOPUS
Mechanical and Metallurgical Characterization of Copper-Based Welded Joint Using Brass as Filler Metal Developed by Microwave Technique	S P Dwivedi, Satpal Sharma, Tanuj Singh, Naresh Kumar	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2020-21	1958-5935	https://www.iieta.org/Journals/ACSM	https://doi.org/10.18280/acsm.440407	SCOPUS
Taguchi S/N and TOPSIS Based Optimization of Fused Deposition Modeling and Vapor Finishing Process for Manufacturing of ABS Plastic Parts	Shashi Prakash Dwivedi	Mechanical Engineering	Materials	2020-21	1996-1944	https://www.mdpi.com/journal/materials	https://pubmed.ncbi.nlm.nih.gov/33212794/	SCI
Effect of friction stir process parameters on tensile strength of eggshell and SiC-reinforced aluminium-based composite	Shashi Prakash Dwivedi	Mechanical Engineering	World Journal of Engineering	2020-21	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	https://www.emerald.com/insight/content/doi/10.1108/WJE-08-2020-0387/full/html	SCOPUS
Moringa Oleifera: Bio based lubricant development from a novel feedstock for tribological characterization	Abhishek Sharma	Mechanical Engineering	Advances in Materials and Processing Technologies	2020-21	ISSN: 2374-0698	https://www.tandfonline.com/journals/tmpt20	https://doi.org/10.1080/2374068X.2020.1829956	SCOPUS
Effect of CuO nanoparticles concentration on the performance and emission characteristics of the diesel engine running on jojoba (Simmondsia Chinensis) biodiesel	Abhishek Sharma	Mechanical Engineering	FUEL	2020-21	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.119358	SCIE
Thermal Performance optimization of Heat pipe using the nanofluid-Response surface methodology	Abhishek Sharma	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2020-21	1678-5878	https://www.springer.com/journal/40430/	https://doi.org/10.1007/s40430-020-02668-w	SCIE
Application of Taguchi and RSM approach to a sustainable model developed for a CI engine using polanga biodiesel/diesel blends	Abhishek Sharma, Avdhesh Tyagi	Mechanical Engineering	Proc IMechE Part I: Journal Systems and Control Engineering	2020-21	0959-6518	https://journals.sagepub.com/home/pii	https://doi.org/10.1177/0959651820965301	SCIE
Madhuca Indica (Mahua): A novel feedstock for bio based lubricant application treated with trimethylpropane and tribological analysis	Abhishek Sharma	Mechanical Engineering	Australian Journal of Mechanical Engineering	2020-21	2204-2253	https://www.tandfonline.com/loi/tmec20/current	https://doi.org/10.1080/14484846.2020.1842300	SCOPUS
Experimental and computational analysis of mechanical properties of RGD840 material manufactured through PolyJet process	Nagendra Kr. Maurya, Vikas Rastogi, Pushpendra Singh	Mechanical Engineering	Rapid Prototyping Journal	2020-21	1355-2546	https://www.emerald.com/insight/publication/issn/1355-2546	https://doi.org/10.1108/RPJ-03-2020-0049	SCIE
Measurement of Form Errors and Comparative Cost Analysis for the Component Developed by Metal Printing (DMLS) and Stir Casting	Ashish Kumar Srivastava, Akash Dubey, Manish Kumar, Shashi Prakash Dwivedi, Rabesh Kumar Singh, Sanjay Kumar	Mechanical Engineering	Instrumentation Mesure Métrologie	2020-21	1631-4670	https://www.iieta.org/Journals/I2M	https://doi.org/10.18280/i2m.190506	SCOPUS
Optimization of process parameter for commercially pure aluminium alloy during friction stir deformation	Binit Kumar, Rohit Sahu & Mukesh Mishra	Mechanical Engineering	Advances in Materials and Processing Technologies	2020-21	2374-0698	https://www.tandfonline.com/journals/tmpt20	https://doi.org/10.1080/2374068X.2020.1860601	SCOPUS
Effect of multiple passes on microstructural and mechanical properties of surface composite Al 2024/SiC produced by Friction stir processing -	Ashish Kumar Srivastava, Nagendra Kr Maurya, Manish Maurya, S P Dwivedi, Ambuj Saxena	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2020-21	1958-5934	https://www.iieta.org/Journals/ACSM	https://doi.org/10.18280/acsm.440608	SCOPUS
Kinematic Analysis of the ABB IRB 1520 Industrial Robot Using RoboAnalyzer Software	S S Chauhan, A K Khare	Mechanical Engineering	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	2020-21	2432-5953	http://www.tj.kvushu-u.ac.jp/evergreen/	https://catalog.lib.kvushu-u.ac.jp/opac_download_m/d/4150470/510-518.pdf	SCOPUS
Optimisation of biodiesel production and engine performance from Simarouba oil in compression ignition engine	Avdhesh Tyagi	Mechanical Engineering	Int. J. Oil, Gas and Coal Technology,	2020-21	1753-3309	https://www.inderscience.com/home.php?icode=iojocet	https://www.inderscienceonline.com/doi/abs/10.1504/IJOGCT.2020.110385	SCIE
Effect of porosity and loading height on the performance of LPG gas stoves	Shivam Teotia, Vinod Yadav, Shubham Sharma, Jagdish Prasad Yadav	Mechanical Engineering	Journal of Process Mechanical Engineering	2020-21	0954-4089	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/0954408920987024	SCIE

Thermodynamic Analysis Of An Aeroderivative Gas Turbine Engine System With Ceramic Matrix Composite Rotating Blades	Souvik Singh Rathore, Vishesh Kar, Sanjay, Shivam Mishra	Mechanical Engineering	SAE Technical Papers	2020-21	0148-7191	https://www.sae.org/publications/collections/content/dlibp	https://www.sae.org/publications/technical-papers/content/2021-01-0033/	SCOPUS
Influence of SAC and eggshell addition in the physical, mechanical and thermal behavior of Cr reinforced aluminum based composite	Shashi Prakash Dwivedi, Ambuj Saxena, Shubham Sharma, A K Srivastava, N K Maurya	Mechanical Engineering	International Journal of Cast Metals Research	2020-21	ISSN 1364-0461	https://www.tandfonline.com/journals/vcmr20	https://doi.org/10.1080/13640461.2021.1877943	SCIE
Comparative Performance of Copper, Graphite, Brass and Aluminium/GraphiteBased Different Tool Electrodes for Optimizing the Material Removal Rate during Die-Sinking EDM of Stir-Casted, Al6061/SiCMMCs for Sustainable Manufacturing and Energy Applications	Hardeep Singh, Jujhar Singh, Shubham Sharma, SP Dwivedi, Ahmad J Obaid	Mechanical Engineering	Journal of Green Engineering (JGE)	2020-21	ISSN: 1904-4720	https://ores.su/en/journals/journal-of-green-engineering/	http://www.jgenng.com/wp-content/uploads/2021/1/volume11-issue1-60.pdf	scopus
Exergy analysis of roughened duct using multiple arcs with gaps used in solar air Heaters	Abhishek Sharma	Mechanical Engineering	International Journal of Ambient Energy	2020-21	0143-0750	https://www.tandfonline.com/taen20/current	https://doi.org/10.1080/01430750.2021.1873180	SCI
Effect of SiO2 nanoparticles on the tribological behavior of Balanites Aegytiaca (Desert date) oil-based bio lubricant	Abhishek Sharma	Mechanical Engineering	Environmental Progress & Sustainable Energy AICHE	2020-21	1944-7450	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://link.springer.com/article/10.1007/s40735-020-00451-x	SCI
Synthesis and characterisation of waste SACand RHA-reinforced aluminium-based composite	Shashi Prakash Dwivedi, Adepu Kumaraswamy, Ambuj Saxena, Rohit Sahu	Mechanical Engineering	Green Materials	2020-21	ISSN 2049-1220	https://www.icevirtuallibrary.com/taen20/current	https://doi.org/10.1680/jgrma.20.00042	SCI
Economic evaluation of a hybrid renewable energy system (HRES) using hybrid optimization model for electric renewable (HOMER) software—a case study of rural India	Shashi Prakash Dwivedi	Mechanical Engineering	International Journal of Low-Carbon Technologies	2020-21	ISSN 1748-1317	https://academic.oup.com/ilt	https://doi.org/10.1093/ilt/ctab012	SCIE
Effect of Friction Stir Process Parameters on Mechanical Properties of Chrome Containing Leather Waste Reinforced Aluminium Based Composite	S P Dwivedi, Rajeev Agarwal, Shubham Sharma	Mechanical Engineering	International Journal of Precision Engineering and Manufacturing-Green Technology (2021)	2020-21	ISSN: 2288-6206	https://www.springer.com/journal/40684/	https://link.springer.com/article/10.1007/s40684-021-00312-z	SCI
A detailed review on research, technology, configurations and application of wire ribs as artificial roughness in rectangular solar air heater duct	Mukesh Kr. Sahu, Shivam Mishra, Pardeep Bishnoi	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2020-21	ISSN: 0954-4089	https://journals.sagepub.com/home/pie	https://doi.org/10.1177/0954408921995140	SCIE
Microstructural and Mechanical Properties of AZ31B/Graphene Nanocomposite Produced by Stir Casting	Ashish Srivastava, Ambuj Saxena, N K Maurya, Shashi Prakash Dwivedi	Mechanical Engineering	Revue des Matériaux Avancés-Journal of Composite and Advanced Materials	2020-21	1169-7954 (print)	https://www.iieta.org/Journals/RCMA	https://doi.org/10.18280/rcma.310107	SCOPUS
Statistical Optimization by Response Surface Methodology of Process Parameters During the CNC Turning Operation of Hybrid Metal Matrix Composite	Ashish Srivastava, Manish Kumar Maurya, Ambuj Saxena, N K Maurya, Shashi Prakash Dwivedi	Mechanical Engineering	Evergreen	2020-21	2189-0420	http://www.ti.kvshu-tu.ac.jp/evergreen/	https://doi.org/10.5109/4372260	SCOPUS
Microstructural and fractographic analysis of A359/Si3N4 surface composite produced by friction stir processing	Ashish K. Srivastava, Manish Maurya, Ambuj Saxena, Nagendra K. Maurya, Shashi Prakash Dwivedi, Amit R. Dixit	Mechanical Engineering	Int. J. Mater. Res	2020-21	ISSN: 2195-8556	https://www.degruyter.com/journal/kev/ijmr/html?lang=en	https://doi.org/10.1515/ijmr-2020-78277753	SCIE
20th Century Uninterrupted Growth in Friction Stir Processing of Lightweight Composites and Alloys	Ashish Kumar Srivastava, Amit Rai Dixit, Manish Maurya, Ambuj Saxena, Nagendra Kumar Maurya, Shashi Prakash Dwivedi, Rajesh Bajaj	Mechanical Engineering	Materials chemistry and Physics	2020-21	0254-0584	https://www.journals.elsevier.com/materials-chemistry-and-physics	https://doi.org/10.1016/j.matchemphys.2021.124572	SCI
Effect of heat treatment process on microstructure and mechanical behaviour of Al/ MgO composite material	Vijay Kumar Dwivedi, Shashi Prakash Dwivedi & Rajat Yadav	Mechanical Engineering	Advances in Materials & Processing Technologies	2020-21	ISSN: 2374-0698	https://www.tandfonline.com/taen20/current	https://doi.org/10.1080/2374068X.2020.1829955	SCOPUS

Investigation of effect of process variable on dimensional accuracy of response surface methodology	Nagendra kr Maurya, Manish Maurya, Shashi Prakash Dwivedi, Ashish Srivastava, Ambuj Saxena,, Sandeep Chauhan, Aditya Tiwari, Aditva Mishra	Mechanical Engineering	World Journal of Engineering	2020-21	1708-5284	https://www.emerald.com/insight/publication/issn/1708-5284	http://dx.doi.org/10.1108/WJE-08-2020-0347	SCOPUS
Synthesis and Mechanical Behavior of Ball-Milled Agro-Waste RHA and Eggshell Reinforced Composite Material	Rajat Yadav, Shashi Prakash Dwivedi, and V. K. Dwivedi	Mechanical Engineering	Materials Performance and Characterization	2020-21	2165-3992	https://www.astm.org/	https://doi.org/10.1520/MP20190247	SCIE
Computational and experimental investigation on mechanical behavior of zirconia toughened alumina and nickel powder reinforced EN31 based composite material	Ambuj Saxena S.P. Dwivedi A. Dixit S. Sharma,A.K. Srivastava ,N.K. Maurya	Mechanical Engineering	Material Science and Engineering Technology	2020-21	0933-5137	https://onlinelibrary.wiley.com/journal/15214052	https://doi.org/10.1002/mawe.202000152	SCIE
Effects of MgO Powder addition on mechanical, physical and thermal properties of Al waste bagasse composite	Shashi Prakash Dwivedi, Ambuj Saxena and Nitin Srivastava,	Mechanical Engineering	Materials Testing	2020-21	0025-5300	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.1515/mt-2020-0079	SCI
Optimization of FFF Process Parameters by Naked Mole-Rat Algorithms with Enhanced Exploration and Exploitation Capabilities	Jasgurpreet Singh Chohan Nitin Mittal Raman Kumar, Sandeep Singh Shubham Sharma ,Shashi Prakash Dwivedi Ambuj Saxena Somnath Chattopadhyaya , Rushdan A. Ilyas Chi Hieu Leand Szymon Wojciechowski	Mechanical Engineering	Polymer	2020-21	ISSN: 2073-4360	https://www.mdpi.com/journal/polymers	https://doi.org/10.3390/polym13111702	SCIE
Prediction of Transient Temperature Distributions for Laser Welding of Dissimilar Metals	Shashi Parkash Dwivedi, Ambuj Saxena	Mechanical Engineering	Applied Sciences	2020-21	ISSN: 2076-3417	https://www.mdpi.com/journal/applsci	https://doi.org/10.3390/appl11135829	SCIE
Investigation on mechanical, tribological and microstructural properties of AlMgSi/T6/SiC/muscovite-hybrid metal-matrix composites for high strength applications	Shubham Sharma Jujhar Singh Munish Kumar Gupta Mozammel Miad Shashi Prakash Dwivedi Ambuj Saxena Somnath Chattopadhyaya Rupinder Singh Danil Y Pimenov Mehmet ErdiKorkmazh	Mechanical Engineering	Journal of Materials Research & Technology	2020-21	2238-7854	https://www.journals.elsevier.com/journal-of-materials-research-and-technology	https://doi.org/10.1016/j.jmrt.2021.03.095	SCIE
Production of a Sustainable Fuel From Microalgae Chlorella Minutissima Grown in a 1500 L Open Raceway Ponds	Abhishek Sharma	Mechanical Engineering	Biomass and Bioenergy	2020-21	0961-9534	https://www.journals.elsevier.com/biomass-and-bioenergy	https://doi.org/10.1016/j.biombioe.2021.106073	SCI
Tribological characteristics of TiO2 nanoparticles as an additive to the Chemically Modified Nicotiana Tabacum	Abhishek Sharma	Mechanical Engineering	Journal of Bio- and Tribo-Corrosion	2020-21	2198-4220	https://www.springer.com/journal/40735	https://link.springer.com/article/10.1007/s40735-021-00499-3	SCI
Biodiesel yield and properties optimization from Kusum oil by RSM	Abhishek Sharma	Mechanical Engineering	FUEL	2020-21	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2021.120218	SCIE
Effect of Fuel Injection Pressure and EGR Techniques on Various Engine Performance and Emission Characteristics on A CRDI Diesel Engine running with Linseed Oil Methyl Ester	Abhishek Sharma	Mechanical Engineering	Energy & Environment	2020-21	2048-4070	https://journals.sagepub.com/home/eaec	https://doi.org/10.1177/0958305X20983477	SCI
A Comparative Numerical Analysis on the Effect of Welding Consumables on the Ballistic Resistance of SMAW Joints of Armor Steel	Ambuj Saxena, Shashi Prakash Dwivedi	Mechanical Engineering	Applied Sciences	2020-21	2076-3417	https://www.mdpi.com/journal/applsci	https://doi.org/10.3390/appl11083629	SCIE
Comparative study of formability characteristics in deep drawing of DP 590 steel using analytical models	Ambuj Saxena	Mechanical Engineering	Advances in Materials and Processing Technologies	2020-21	2374-0698	https://www.tandfonline.com/journals/tmpt20	https://doi.org/10.1080/2374068X.2021.1945273	SCOPUS
Experimental investigation of fatigue failure in an ASTM A401 compression spring of a passenger car	Ashish Gupta, Vikas Rastogi and Loveleen Kumar Bhagi	Mechanical Engineering	Material testing	2020-21	0025-5300	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.3139/120.111525	SCI

Conceptualisation of biaxial tensile test setup for sheet metal forming application using fuzzy analytical network process	Pranjal Shukla, Konark Joshi, Utkarsh Rastogi, Nitin Kotkunde, Swadesh Kumar Singh & Ambuj Saxena	Mechanical Engineering	Advances in Materials and Processing Technologies	2020-21	2374-0698	https://www.tandfonline.com/journals/tmpt20	https://doi.org/10.1080/2374068X.2020.1807244	SCOPUS
Investigation on mechanical properties and deformation behavior of copper-based three-phase metal matrix composite: Experimental and micro-macro-mechanical finite element analysis	Ambuj Saxena, Shashi Prakash Dwivedi, Nagendra Kr. Maurya, Ashish Kr Srivastava	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2020-21	2041-3076	https://journals.sagepub.com/home/pil	https://doi.org/10.1177/14644207211009254	SCIE
Estimation of a performance parameter of Top-Lit Up-Draft cookstove using locally available wood feedstock	V.K YADAV	Mechanical Engineering	International Journal of Energy for a Clean Environment	2020-21	2150-3621	https://www.begellhouse.com/journals/energy-for-a-clean-environment.html	DOI: 10.1615/InterEnerCleanEnv.2021036706	SCOPUS
Influence of Nano-CuO on Synthesis and Mechanical Behavior of Spent Alumina Catalyst and Grinding Sludge Reinforced Aluminum Based Composite	Shashi Prakash Dwivedi, Ambuj Saxena & Shubham Sharma	Mechanical Engineering	International Journal of Metalcasting	2020-21	1939-5981	https://www.springer.com/journal/40962	https://doi.org/10.1007/s40962-021-00597-5	SCI
Mechanical, Physical and Thermal Behaviour of SiC and MgO Reinforced Aluminium Based Composite Material	Shashi Prakash Dwivedi, Manish Maurya, Shailendra Singh Chauhan	Mechanical Engineering	Evergreen	2020-21	2189-0420	http://www.ti.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_detail/md/?lang=1&mode=MD100000&bbid=4480709	SCOPUS
An efficient software source code metrics for implementing for software quality analysis	Anubha Srivastava	Applied Science and Humanities	International Journal of Emerging Trends in Engineering Research	2019-20	2347-3983	https://www.warse.org/IJETER/	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073524419&doi=10.30534%2Fijeter%2F2019%2F01792019&partnerID=40&md5=59ca7ae8646e19eea48b6c5b75735084	Scopus
Relationship Between Sumudu and Some efficient integral transforms	Rashmi Mishra, Sudhanshu Agrawal, Lokesh Choudhary, Anuj Kumar	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.iiitree.org	https://www.iiitree.org/wp-content/uploads/papers/v9i3/B7489129219.pdf	UGC
Simultaneous approximation for beta baskakov-Stancu Operators	Rupa Rani Sharma, Sangeeta Garg	Applied Science and Humanities	International Journal of Innovative Technology and Exploring Engineering	2019-20	2278-3075	https://www.iiitree.org	https://www.iiitree.org/wp-content/uploads/papers/v9i4/B6459129219.pdf	UGC
Design of tunable DWDM multiplexer using four defect layers of GaAs non linear photonic crystals	Sanjeev Sharma, Kumar A, Singh K.S	Applied Science and Humanities	Optik	2019-20	0030-4026	https://www.sciencedirect.com/journal/optik	https://doi.org/10.1016/j.jleo.2020.164652	SCI
Value of Pressure derivative of bulk modulus at extreme compression	K Dharmendra, Arvind Mishra	Applied Science and Humanities	International Journal of Scientific and Technology Research	2019-20	2277-8616	http://www.iistr.org/	http://www.iistr.org/final-print/jan2020/The-Study-Of-Pressure-Derivative-Of-Bulk-Modulus-At-Extreme-Compression-.pdf	Scopus
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Weighted Optimization Load Balancing Algorithm in Virtualization	Neha Tyagi	Information Technology	Journal of Engineering and Applied Sciences Year: 2019 Volume: 14 Issue: 22 Page No.: 8386-8402 DOI: 10.36478/jeasci.2019.8386.8402	2019-20	1816-949X	https://medwelljournals.com/journalhome.php?iid=1816-949x	https://medwelljournals.com/abstract/?doi=jeasci.2019.8386.8402	SCOPUS
Performance Analysis on Popularity Based, Content Based and Collaborative Filtering Utilizing Recommendation Framework	Deepkiran Munjal, Anju Gera, Pawan Singh	Master of Computer Application	International Journal of EAI Endorsed Transactions on Smart Cities	2019-20	2518-3893	https://eudl.eu/journal/sc	https://eudl.eu/pdf/10.4108/eai.18-8-2020.166001	Web of Science
Prediction of fracture limits of Ni-Cr based alloy under warm forming condition using ductile damage models and numerical method	Ambuj Saxena	Mechanical Engineering	Transactions of Nonferrous Metals Society of China (English Edition)	2019-20	1003-6326	https://www.sciencedirect.com/journal/transactions-of-nonferrous-metals-society-of-china	https://doi.org/10.1016/S1003-6326(21)65660-1	SCIE
Intelligent hybrid approaches for ensuring better prediction of gas-assisted EDM responses	Abhishek Sharma	Mechanical Engineering	SN Applied Sciences	2019-20	2523-3971	https://www.springer.com/journal/42452	https://doi.org/10.1007/s42452-020-2654-v	ESCI
Synthesis and characterization of ball-milled eggshell and Al ₂ O ₃ reinforced hybrid green composite material	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Metals, Materials and Minerals	2019-20	8576149	https://www.immm.material.chula.ac.th/index.php/immm/index	https://doi.org/10.55713/immm.v30i2.680	ESCI
Surface Roughness and Material Removal Rate Behaviors of Hard Materials such as Titanium Alloy, Nickel-Based Super Alloy and Tool Steel	Shashi Prakash Dwivedi, Shailendra Singh Chauhan	Mechanical Engineering	TECNICA ITALIANA-Italian Journal of Engineering Science	2019-20	ISSN: 0040-1846	https://www.iieta.org/journals/TI-IJES	https://doi.org/10.18280/ti-ijes.642-420	SCOPUS
Effect of Inert Diluents on Adiabatic Burning Velocities of LPG-Air Mixtures	Vinod Kr. Yadav	Mechanical Engineering	ISME Journal of Thermofluids	2019-20	2581-4435	http://isme.iitd.ac.in/journals/thermofluids/	https://isme.iitd.ac.in/journals/thermofluids/files/publish/published-pdf-5-6-ISME%20pg_paper_thermofluid%20journal_revised.pdf	OTHERS
Study of surface integrity and effect of process parameters in wire electrical discharge turning of Ti-6Al-4V	Dr. Ashish Kumar Srivastava	Mechanical Engineering	Indian Journal of Engineering & Materials Sciences	2019-20	0975-1017	http://op.niscair.res.in/index.php/IJEMS	https://nopr.niscair.res.in/bitstream/123456789/54866/1/IJEMS%2027(2)%20267-276.pdf	SCIE
Utilization of RHA in Development of Green Composite Material using RSM	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Journal of the Mechanical Behavior of Materials	2019-20	2191-0243	https://www.degruyter.com/journal/key/jmbm/html?lang=en	https://doi.org/10.1515/jmbm-2019-0004	SCOPUS
Physical, Mechanical and Thermal Behaviour of Recycled Agro Waste GSA Reinforced Green Composite Materials	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Materials Testing	2019-20	0025-5300	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.3139/120.111399	SCI

Utilization of RHA in Development of Hybrid Composite by Electromagnetic Stir Casting Technique using RSM	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Metals, Materials and Minerals	2019-20	2630-0508	http://www.immm.materials.chula.ac.th/index.php/immm	https://pdfs.semanticscholar.org/ce47/adb0721830442c78298830f2144ea456b87.pdf	SCI
Optimization of Biodiesel Production and Engine Performance from Simarouba Oil in Compression Ignition Engine	Mr. Avadhesh Tyagi	Mechanical Engineering	International Journal of Oil, Gas and Coal Technology	2019-20	1753-3317	https://www.inderscience.com/home.php?icod=iojoc	https://doi.org/10.1504/IJOGCT.2020.110385	SCI
Development of Bio-composite Material by Utilizing Chrome Containing Leather Waste with Al ₂ O ₃ Ceramic Particles	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Materials Research Express	2019-20	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://doi.org/10.1088/2053-1591/ab3f8e	SCOPUS
Constitutive Modelling of high temperature Flow Stress of Armor Steel in Ballistic Applications: A Comparative study	Dr. Ambuj Saxena	Mechanical Engineering	Journal of Materials Engineering and Performance	2019-20	1059-9495	https://www.springer.com/journal/11665	https://doi.org/10.1007/s11665-019-04337-z	SCIE
Process parameters, development and application of stir casted composite: A review	Mr. Nagendra Kumar Maurya	Mechanical Engineering	Materials Testing	2019-20	0025-5300	https://www.degruyter.com/journal/key/mt/html?lang=en	https://doi.org/10.3139/120.111472	SCI
Effect of SiC Reinforced Particle Parameters in the Development of Aluminium Based Metal Matrix Composite	Mr. Nagendra Kumar Maurya	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	http://hdl.handle.net/2324/2349295	SCOPUS
Fabricating Copper-Based Composite by using Waste Steel Chips and TiB ₂ Reinforcement Material	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Clay Research	2019-20	0974-4509	https://www.indianjournals.com/ijor.aspx?target=ijor:cr&type=home	http://www.indianjournals.com/ijor.aspx?target=ijor:cr&volume=38&issue=1&article=002	SCOPUS
Experimental and computational investigation on mechanical properties of reinforced additive manufactured component	Mr. Nagendra Kumar Maurya	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	http://hdl.handle.net/2324/2349296	SCOPUS
Development of bio-based lubricant from modified desert date oil (balanites aegyptiaca) with copper nanoparticles addition and their tribological analysis	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2019.116259	SCIE
Response surface methodology based optimization of air-film blade cooled gas turbine cycle for thermal performance prediction	Dr. Shivam Mishra, Abhishek Sharma	Mechanical Engineering	Applied Thermal Engineering	2019-20	1359-4311	https://www.journals.elsevier.com/applied-thermal-engineering	https://doi.org/10.1016/j.applthermaleng.2019.114425	SCIE
Utilization of Waste Saw Dust from Wood Industry in Development of Glass Fiber Epoxy Resin Hybrid Green Composite Material	Shashi Prakash Dwivedi	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2019-20	1958-5934	https://www.iieta.org/Journals/ACSM	https://doi.org/10.18280/acsm.430405	SCOPUS
Assessment of Hardness on AA2015/Eggshell Composite Produced Via Electromagnetic Stir casting Method	Shashi Prakash Dwivedi, Nagendra Kumar Maurya	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/2547354/Pages_285-294.pdf	SCOPUS
Effect of MgO addition on the Physical, Mechanical and Thermal Behaviour of Al/Si ₃ N ₄ Composite using Hybrid Casting Technique	Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Ceramic Processing Research	2019-20	1229-9162	https://www.kci.go.kr/kciportal/landing/index.kci	https://www.kci.go.kr/kciportal/landing/article.kci?arti_id=ART002534234	SCI
Effects of SiC Particles Parameters on the Corrosion Protection of Aluminium based Metal Matrix Composites using Response Surface Methodology	Shashi Prakash Dwivedi, Rohit Sahu	Mechanical Engineering	Jordan Journal of Mechanical and Industrial Engineering	2019-20	1995-6665	http://ijmie.hu.edu.jo/	http://ijmie.hu.edu.jo/vol12-4/ijmie_92_18-01.pdf	SCOPUS
Formation of Functionally Graded Hybrid Composite Materials with Al ₂ O ₃ and RHA Reinforcements using Friction Stir Process	Shashi Prakash Dwivedi	Mechanical Engineering	Australian Journal of Mechanical Engineering	2019-20	2204-2253	https://www.tandfonline.com/toc/tmec20/current	https://doi.org/10.1080/14484846.2019.1679583	SCOPUS
Microstructure and Mechanical Behaviour of Al/SiC/Agro-waste RHA Hybrid Metal Matrix Composite	Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Maurya, Rohit Sahu	Mechanical Engineering	Revue des Composites et des Matériaux Avancés	2019-20	1169-7954	https://www.iieta.org/Journals/RCMA	https://doi.org/10.18280/rcma.300107	SCOPUS
Sustainability of Aluminium Oxide Nanoparticles Blended Mahua Biodiesel to the Direct Injection Diesel Engine Performance and Emission Analysis	Abhishek Sharma	Mechanical Engineering	Pollution	2019-20	2383-4501	https://ipoll.ut.ac.ir/	https://doi.org/10.22059/ipoll.2019.283884.633	Scopus
Comparative study and measurement of form errors for the component printed by FDM and polyjet process	Mr. Nagendra Kumar Maurya	Mechanical Engineering	Instrumentation Mesure Metrologie	2019-20	2269-8485	https://www.iieta.org/Journals/I2M	https://doi.org/10.18280/i2m.180404	SCOPUS
Two-Dimensional Analysis of tapered heat flux banner for measuring laminar burning velocity	Dr. Vinod Kumar Yadav	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2019-20	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2019.1683650	SCI
Development of the Ethyl Ester from Jatropa Oil through Response Surface Methodology Approach	Abhishek Sharma	Mechanical Engineering	Pollution	2019-20	2383-4501	https://ipoll.ut.ac.ir/	https://doi.org/10.22059/ipoll.2019.284612.642	SCOPUS
Microstructure and Mechanical Properties of Al 6061/Al ₂ O ₃ /Fly-Ash Composite Fabricated Through Stir Casting	Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Maurya	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2019-20	1958-5934	https://www.iieta.org/Journals/ACSM	https://doi.org/10.18280/acsm.430510	SCOPUS

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Formation of functionally graded hybrid composite materials with Al ₂ O ₃ and RHA reinforcements using friction stir process	Shashi Prakash Dwivedi	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2019-20	1448-4846	https://www.tandfonline.com/journals/tmec20	https://doi.org/10.1080/14484846.2019.1679583	SCOPUS
Physical, Mechanical and Thermal Behaviour of High Entropy Materials	Shashi Prakash Dwivedi	Mechanical Engineering	Annales de Chimie - Science des Matériaux	2019-20	1958-5934	https://www.iieta.org/Journals/ACSM	https://doi.org/10.18280/acsm.440208	SCOPUS
Utilization of Chrome Containing Leather Waste in Development of Aluminium Based Green Composite Material	Shashi Prakash Dwivedi, Ashish Kumar Srivastava	Mechanical Engineering	INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING –GREEN TECHNOLOGY	2019-20	2198-0810	https://www.springer.com/journal/40684	https://doi.org/10.1007/s40684-019-00179-1	SCIE
Experimental and Computational Investigation on Dynamic Fracture Toughness (J _{1d}) Behavior of Multi-Pass SMA Armor Steel weldments	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Mauryaa	Mechanical Engineering	Theoretical and Applied Fracture Mechanics	2019-20	0167-8442	https://www.sciencedirect.com/journal/theoretical-and-applied-fracture-mechanics	https://doi.org/10.1016/j.tafmec.2020.102502	SCIE
Utilization of Recycled Hazardous Waste Bagasse as Reinforcement to Develop Green Composite Material	Shashi Prakash Dwivedi	Mechanical Engineering	World Journal of Engineering	2019-20	ISSN:1708-5284	World Journal of Engineering Emerald Insight	https://doi.org/10.1108/WJE-03-2019-0069	SCOPUS
An Overview of Mechanical Properties and Form Error for Rapid Prototyping	Nagendra Kumar Mauryaa	Mechanical Engineering	CIRP Journal of Mechanical Manufacturing Science and Technology	2019-20	ISSN:1755-5817	https://www.sciencedirect.com/journal/cirp-journal-of-manufacturing-science-and-technology	https://doi.org/10.1016/j.cirpj.2020.02.003	SCIE
Development of a System to Control Flow of Coolant in Turning Operation	Rajesh Maurya, Nagendra Maurya, Shashi Prakash Dwivedi	Mechanical Engineering	Journal of Mechanical Engineering	2019-20	ISSN: 1823-5514	https://www.sv-ime.eu/	https://imeche.uitm.edu.my/wp-content/uploads/2020/04/2_RI_17_1_P19_04.pdf	SCOPUS
Effect of ball-milled MgO and Si ₃ N ₄ addition on the physical, mechanical and thermal behaviour of aluminium based composite developed by hybrid casting technique	Shashi Prakash Dwivedi	Mechanical Engineering	International Journal of Cast Metals Research	2019-20	ISSN: 1364-0461 (Print) 1743-1336 (Online)	https://www.tandfonline.com/journals/vcmr20	https://doi.org/10.1080/13640461.2020.1744370	SCI
Utilization of Groundnut Shell as Reinforcement in Development of Aluminum Based Composite to Reduce Environment Pollution: a review	Shashi Prakash Dwivedi, Manish Maurya, Nagendra Kumar Maurya1, Ashish Kumar Srivastava, Ambuj Saxena	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.tj.kyushu-u.ac.jp/evergreen/	https://dx.doi.org/10.5109/2740937	SCOPUS
Sal biodiesel production using Indian abundant forest feedstock	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.117781	SCIE
Effective utilization of tobacco (Nicotiana Tabacum) for biodiesel production and its application on diesel engine using response surface methodology approach	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.117793	SCIE
Experimental and Numerical Investigation of Quasi-Static (10 ⁻³ s ⁻¹) Fracture Behavior of Armor Steel	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Maurya, Mahesh Pandey	Mechanical Engineering	Arabian Journal for Science and Engineering	2019-20	1319-8025	https://www.springer.com/journal/13369	https://doi.org/10.1007/s13369-020-04519-1	SCIE
Influence of SD effect on Johnson–Cook hardening constitutive material model: Numerical and experimental investigation for armor steel	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Nagendra Kumar Mauryaa	Mechanical Engineering	Mechanics of Advanced Materials and Structures	2019-20	1537-6532	https://www.tandfonline.com/toc/umcm20/current	https://doi.org/10.1080/15376494.2020.1765266	SCIE
Utilization of Waste Spent Alumina Catalyst and Agro-Waste RHA as Reinforcement Materials with Scrap Aluminium alloy Wheel Matrix	Shashi Prakash Dwivedi, Ambuj Saxena	Mechanical Engineering	Journal of Process Mechanical Engineering (imeche-part E)	2019-20	9544089	https://journals.sagepub.com/home/pje	https://doi.org/10.1177/0954408920930634	SCIE
Comparative energy, exergy and economic analysis of a cascade refrigeration system incorporated with flash tank (HTC) and a flash intercooler with indirect subcooler (LTC) using natural refrigerant couples	Kaushalendra Kumar Singh	Mechanical Engineering	Sustainable Energy Technologies and Assessments	2019-20	2213-1388	https://www.journals.elsevier.com/sustainable-energy-technologies-and-assessments	https://doi.org/10.1016/j.seta.2020.100716	SCI
Experimental investigation and statistical modeling of air-assisted EDM of Al–SiC composite with an improvised tool	Abhishek Sharma	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2019-20	1806-3691	https://www.springer.com/journal/40430/	https://doi.org/10.1007/s40430-020-02404-4	SCI

Performance and emission characteristics of the diesel engine running on neem (Azadirachta indica) biodiesel with effect of exhaust gas recirculation at optimum injection strategies	Abhishek Sharma	Mechanical Engineering	Pollution	2019-20	2383-4501	https://ipoll.ut.ac.ir/	https://doi.org/10.22059/pol.2020.300881.781	SCOPUS
Effect of distributed damping on the dynamic behaviour of flexible chassis of heavy road vehicle under standardized random road response	Ashish Gupta	Mechanical Engineering	Iranian Journal of Science and Technology, Transactions of Mechanical Engineering	2019-20	2364-1835	https://www.springer.com/journal/40997	https://doi.org/10.1007/s40997-020-00366-5	SCIE
Fabrication of Prototype Connecting rod of PLA plastic material using FDM Prototype Technology	Nagendra Kumar Maurya	Mechanical Engineering	Indian Journal of Engineering and Materials Sciences	2019-20	0975-1017	http://op.niscpr.res.in/index.php/IJEMS	https://nopr.niscpr.res.in/bitstream/123456789/54860/1/IJEMS%2027%282%29%20333-343.pdf	SCIE
Experimental investigation of the behaviour of a DI diesel engine fuelled with biodiesel/diesel blends having effect of raw biogas at different operating responses	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel	https://doi.org/10.1016/j.fuel.2020.118460	SCIE
Structural analysis of a Four-bar linkage mechanism of Prosthetic knee joint using Finite Element Method	Shailendra Singh Chauhan	Mechanical Engineering	Evergreen -	2019-20	2432-5953	http://www.ti.kyushu-u.ac.jp/evergreen/	https://catalog.lib.kyushu-u.ac.jp/opac_download_md/4055220/Pages_209-215.pdf	SCOPUS
EFFECTS OF CuO/WATER NANOFLUID APPLICATION ON THERMAL PERFORMANCE OF MESH WICK HEAT PIPE	Abhishek Sharma	Mechanical Engineering	Heat Transfer Research	2019-20	2162-6561	https://www.dl.begellhouse.com/references/46784ef93dddf27_2f9a2e9537eeacbb_5a2ade4969ecb40b.html	https://dl.begellhouse.com/journals/46784ef93dddf27_2f9a2e9537eeacbb_5a2ade4969ecb40b.html	SCI
Effect of SiC nanoparticles concentration on novel feedstock Moringa Oleifera chemically treated with neopentylglycol and their tribological behavior	Abhishek Sharma	Mechanical Engineering	Fuel	2019-20	0016-2361	https://www.sciencedirect.com/journal/fuel/vol/280/suppl/C	https://doi.org/10.1016/j.fuel.2020.118630	SCIE
Structural characterization of iron doped layered YBCO superconductor	Pooja Rani, Pooja Saxena	Applied Science and Humanities	Journal of Integrated Science and Technology	2018-19	2321-4635	http://www.pubs.iscience.in/journal/index.php/iist/index	http://www.pubs.iscience.in/journal/index.php/iist/article/view/881	SCOPUS
An investigation on Transient Current characteristics in polymeric double layer Thin Films	Pooja Saxena, Prashant Shukla, M S Gaur	Applied Science and Humanities	Journal of Integrated Science and Technology	2018-19	232-4635	http://www.pubs.iscience.in/journal/index.php/iist/index	http://www.pubs.iscience.in/journal/index.php/iist/article/view/847	SCOPUS
Acomparative Study of Mohand And Elzaki Transforms	Rashmi Mishra	Applied Science and Humanities	Global Journal of Engineering Science and Researches	2018-19	2348-8034	http://www.gjesr.com/	http://www.gjesr.com/issnes%20PDF/Archive-2019/February-2019/30.pdf	UGC
Rate of approximation for (P,Q)-Durrmeyer type operators	Rupa Rani Sharma	Applied Science and Humanities	Adalya Journal	2018-19	1301-2746	https://adalyajournal.com/	41A25, 41A28.	UGC
Dielectric behaviour and Structural Characterization of polymeric double layer thin films.	Pooja Saxena, Prashant Shukla, M S Gaur	Applied Science and Humanities	Journal of applied polymer Science	2018-19	1097-4628	https://onlinelibrary.wiley.com/journal/10974628	https://doi.org/10.1002/app.47724	SCI
an efficient coloring algorithm for the detection of sign image segmentation based on fuzzy graph theory	Ganesh Thakur, Bandana Priya and R K Mishra	Applied Science and Humanities	Journal of Applied Security Research	2018-19	1936-1629	https://www.tandfonline.com/doi/10.1080/19361610.2019.1581880	DOI:10.1080/19361610.2019.1581880	ESCI/Scopus
A Novel Fuzzy Graph theory based approach for image representation and segmentation via graph coloring	Ganesh Thakur, Bandana Priya and Sharma Pawan Kumar	Applied Science and Humanities	Journal of Applied Security Research	2018-19	1936-1629	http://www.informaworld.com/openurl?genre=journal&issn=1936-1630	https://doi.org/10.1080/19361610.2019.1545273	ESCI/Scopus
Enhanced ODR Reflection by using SiO ₂ exponentially graded materials for ID photonics crystals	Sanjeev Sharma, Vimal	Applied Science and Humanities	International Journal of Advanced Science and Technology	2018-19	2207-6360	http://sersc.org/journals/index.php/IJAST	http://sersc.org/journals/index.php/IJAST/article/view/1883	SCOPUS
Higher education sector in India: Challenges of sustainability	Rubee Singh, Archana Raj, Ankita Pratap	Applied Science and Humanities	American Journal of Research	2018-19	2573-5624	https://journalofresearch.us/	https://journalofresearch.us/wp-content/uploads/2019/05/04-16.pdf	UGC
Transient Current Characteristics in PVDF-PSF blend samples	Pooja Saxena, P. Shukla, M S Gaur	Applied Science and Humanities	Journal of Integrated Science and Technology	2018-19	2321-4635	https://pubs.iscience.in/journal/index.php/iist	http://pubs.iscience.in/journal/index.php/iist/article/view/817	UGC
Investigation on Optical Bistability and Excited State Absorption in Laser Grade Coumarine Dye	Pooja Rani, Pooja Saxena	Applied Science and Humanities	Journal of Integrated Science and Technology	2018-19	2321-4635	https://pubs.iscience.in/journal/index.php/iist	http://pubs.iscience.in/journal/index.php/iist/article/view/797	UGC
studies of benzene and toluene in ambient air of ghaziabad area of delhi NCR and their carcinogenic effect	Nidhi rani, Abhishek kumar singh	Applied Science and Humanities	International journal of Environmental chemistry	2018-19	2640-1460	https://chemicaljournalspub.info/index.php?journal=ICPDS&page=index	https://chemicaljournalspub.info/index.php?journal=ICPDS&page=article&op=view&path%5B%5D=546	UGC
Modeling and 3D QSAR Study of TIBO Derivatives as Potent Reverse Transcriptase Inhibitors	BRIJ K . TIWARI , KAPIL TIWARI , P.K. SAXENA, ASHISH KUMAR	Applied Science and Humanities	International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences	2018-19	2349-7300	https://www.iiirms.org/	https://www.iiirms.org/research-paper.php?id=442	UGC
Erucic acid and glucosinolate variability in Brassica juncea L.	Subha Laxshmi Saikia, Gyanendra Kumar Rai, RK Salgotra, SK Rai, Monika Singh, Pk Rai	Applied Science and Humanities	International Journal of Chemical Science	2018-19	2523-2843	https://www.chemicaljournals.com/	https://www.chemjournal.com/archives/2018/volume6/PartU/6-6-142-897.pdf	UGC

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Hierarchical Cluster Analysis of Brassica juncea L. Genotype Using Morphological Traits.	Saikia, S.L., Rai, G.K., Salgotra, Rai, R.K., Singh, Monika and Rai, P.K.	Applied Science and Humanities	International Journal of Current Microbiology and Applied Science	2018-19	2319-7706	https://www.ijcmas.com/index.php	https://www.ijcmas.com/abstractview.php?ID=11047&vol=7-12-2018&SNo=85	UGC
Fatty acid profiling in Rapeseed Mustard (Brassica species)	Rai, G.K. Bagati S., Rai, P.K. Rai, S., Singh M.	Applied Science and Humanities	International Journal of Current Microbiology and Applied Science	2018-19	2319-7706	https://www.ijcmas.com/index.php	https://www.ijcmas.com/abstractview.php?ID=7720&vol=7-5-2018&SNo=19	UGC
kinetics and Mechanism of Oxidation of Mixture of Oxalic Acid and Adipic Acid by Chromic Acid in Presence of Hydrochloric Acid	Mamta Mishra	Applied Science and Humanities	Journal Pub-International Journal of Thermodynamics And Chemical	2018-19	2456-6977	https://chemical.journalspub.info/index.php?journal=ITCK	http://www.ijarse.com/images/fullpdf/1513845682_863ijarse.pdf	UGC
Studies Of Optical And Electrical Properties Of Gamma Irradiated Polyethersulfone (PES) Polymer	Manvinder Singh, Arvind Mishra, Vimal Yadav, A.K. Srivastava	Applied Science and Humanities	International Journal Of Advance Reserch In Engineering Technology & Science	2018-19	9766-480	https://www.ijaerets.org/	NA	UGC
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Hardness measurement of surfaces on hybrid metal matrix composite created by turning using abrasive water jet and WED	Dr. Ashish Kumar Srivastava	Mechanical Engineering	Measurement	2018-19	0263-2241	https://www.journals.elsevier.com/measurement	https://doi.org/10.1016/j.measurement.2018.09.026	SCIE
Surface integrity in wire-EDM tangential turning of in-situ hybrid metal matrix composite A359/B4C/Al2O3	Dr. Ashish Kumar Srivastava	Mechanical Engineering	Science and Engineering of Composite Materials	2018-19	2191-0359	https://www.degruyter.com/journal/key/secm/html?lang=en	https://doi.org/10.1515/secm-2017-0391	SCIE
Performance and emission analysis of a diesel engine implementing polanga biodiesel and optimization using taguchi method	Abhishek Sharma	Mechanical Engineering	Process safety and environment protection	2018-19	0957-5820	https://www.sciencedirect.com/journal/process-safety-and-environmental-protection	https://doi.org/10.1016/j.psep.2018.09.009	SCI
Optimization of diesel input parameters running on plonga biodiesel to improve performance and exhaust emission using MOORA technique with standard deviation	Abhishek Sharma	Mechanical Engineering	ENERGY SOURCE: PART A	2018-19	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2018.1511647	SCI
Prospects of inedible plant oil driven bio-lubricants for an automotive application –A review	Abhishek Sharma	Mechanical Engineering	International journal of ambient energy	2018-19	0143-0750	https://www.tandfonline.com/journals/taen20	https://doi.org/10.1080/01430750.2018.1517684	SCI
Optimization of performance and emission parameters of direct injection diesel engine fuelled with pongamia methyl esters-response surface methodology approach	Abhishek Sharma	Mechanical Engineering	Industrial Crops and Products	2018-19	0926-6690	https://www.sciencedirect.com/journal/industrial-crops-and-products	https://doi.org/10.1016/j.indcrop.2018.10.035	SCOPUS
Numerical and experimental investigation of hydrogen enrichment	Mr. Vinod Yadav	Mechanical Engineering	International journal of renewable energy research	2018-19	1309-0127	https://www.iirer.org/iirer/index.php/iirer	https://www.iirer.org/iirer/index.php/iirer/article/view/7562	SCOPUS
Experimental and computational investigation of laminar burning velocity	Dr. Vinod Kr. Yadav	Mechanical Engineering	Fuel	2018-19	0016-2361	https://www.sciencedirect.com/journal/fuel	https://doi.org/10.1016/j.fuel.2018.08.068	SCIE
Stiffness mapping of a 12 dof parallel manipulator with flexible base and top platforms	Dr. V. R. Mishra	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/article/view/24359	J-GATE
Application of Central Composite Design in Turning Operation of Composite Material for Better Surface Finish with Appropriate Rake Angle	Shashi Prakash Dwivedi, Abhishek Sharma, V.R. Mishra, Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/issue/view/432	J-GATE
Microstructure and Mechanical Behaviour of SiC and MgO Reinforced Aluminium Based Composite	Shashi Prakash Dwivedi, Rohit Sahu, Abhishek Sharma, V.R. Mishra	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/issue/view/432	J-GATE
Effects of Friction Stir Welding Parameters on Hardness of Welded Al 6082 and Al 8011 Plates	S.P. Dwivedi	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Effects of Friction Stir Welding Parameters on Hardness of Welded Al 6082 and Al 8011 Plates. International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Hardness of Welded Al 6082 and Al 8011 Plates by Controlling Tilt Angle of Tool in FSW	S.P. Dwivedi	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Hardness of Welded Al 6082 and Al 8011 Plates by Controlling Tilt Angle of Tool in FSW. International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Cogeneration Possibilities in Academic Institutions: An Experimental Study	Sumit Tiwari, Ashish Gupta, Om Prakash Yadav	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Cogeneration Possibilities in Academic Institutions: an Experimental Study International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Study of building aerodynamics for designing natural ventilation system	Anuj Gupta, Bhavyanidhi Vats, Anwer Ahmed, Sushant Verma, Vipul Kumar Sharma	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Study of Building Aerodynamics for Designing Natural Ventilation System International Journal of Engineering & Technology (sciencepubco.com)	J-GATE

FEM Formulation to Solve Hyperelastic Problem upto Large Strain	Sushant Verma, Anwer Ahmed, Vipul Kumar Sharma, Anuj Gupta	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	FEM Formulation to Solve Hyperelastic Problem upto Large Strain International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
A review on role of Biofuel in India-Potential & Technology	Vipul Kumar Sharma, Anuj Gupta, Anwer Ahmed, Sushant Verma	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	A review on Role of Biofuel in India-Potential & Technology International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Optimal Design of Heavy Vehicle Suspension System Subjected to Random Road Input	Ashish Gupta, Sumit Tiwari, Nagendra Maurya	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Optimal Design of Heavy Vehicle Suspension System Subjected to Random Road Input International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
An Experimental Investigations for improving part strength in Fused Deposition Modeling	Nagendra Kumar Maurya,	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	An Experimental Investigations for Improving Part Strength in Fused Deposition Modeling International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Fabrication and Experimental Analysis of Geothermal Energy Resources	Sushil Kumar Madheshiyal, V. R. Mishra, Rohit sahu, Pradeep kumar sharma, avdhesh tyagi	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23829	J-GATE
An Introduction to Hybrid Machining Technology	Anwer Ahmed, Sushant Verma, Vipul Kumar Sharma Anuj Gupta	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	An Introduction to Hybrid Machining Technology International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Optimum Selection of Process Parameters in EN-31Alloy Steel for Surface Roughness and MRR using Taguchi Method	Rajesh Kumar Maurya, M.S.Niranjan, Nagendra Kumar Maurya	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Optimum Selection of Process Parameters in EN-31Alloy Steel for Surface Roughness and MRR using Taguchi Method International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Experimental Investigation of Counter Flow Heat Exchanger with Swirling	Omprakash Yadav, Vinod Kumar Yadav, Sumit Tiwari	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23834	J-GATE
INFLUENCE OF SLIDING SPEED ON THE TRIBOLOGICAL CHARACTERISTICS OF PONGAMIA OIL WITH TiO2 NANOPARTICLES	Abhishek Sharma, S.P. Dwivedi, V.R.Mishra, Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23830	J-GATE
EFFECT OF ALUMINA NANOPARTICLES AS ADDITIVE ON THE FRICTION AND WEAR BEHAVIOR OF POLANGA BASED LUBRICANT	Abhishek Sharma, S.P. Dwivedi, Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Effect of Alumina NANOPARTICLES as Additive on the Friction and Wear Behavior of POLANGA based Lubricant International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
Influence of power additives in liquid and gaseous dielectric fluids on Electrical Discharge Machining with aerospace sector applications-A Review	Abhishek Sharma, V.R. Mishra, S. P. Dwivedi	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23831	J-GATE
DESIGN OF FIXED WING UNMANNED AERIAL VEHICLE BASED ON MAGNIFICENT FRIGATEBIRD	Abhishek Sharma	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/23833	J-GATE
APPROACH FOR MACHINE HEALTH MONITORING SYSTEM OF A MACHINE	Abhishek Sharma, V.R. Mishra	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Approach for Machine Health Monitoring System of a Machine International Journal of Engineering & Technology (sciencepubco.com)	J-GATE

Buckling of Circular Cylinder under Axial Load	Sandeep Chauhan, Azad Ahmad	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet/index	Buckling of Circular Cylinder under Axial Load International Journal of Engineering & Technology (sciencepubco.com)	J-GATE
A DESCRIPTION OF SURFACES CREATED ON THE HYBRID MMC BY THE AWJ CUTTING TECHNOLOGY	Dr. Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018-19	2249-8001	http://www.tjprc.org/journals/journal-of-mechanical-engineering	tjprc.org/view_full_paper.php?id=10806&type=html	SCOPUS
STATISTICAL OPTIMIZATION OF WIRE-EDM DURING PROCESSING OF HYBRID MMC	Dr. Ashish Kumar Srivastava	Mechanical Engineering	International Journal of Mechanical and Production	2018-19	2249-8001	http://www.tjprc.org/journals/journal-of-mechanical-engineering	http://paper.researchbib.com/view/paper/201118	SCOPUS
Optimization of diesel engine performance and emission parameters employing cassia tora methyl esters- response surface methodology approach	Dr. Abhishek Sharma	Mechanical Engineering	Energy	2018-19	0360-5442	https://www.journals.elsevier.com/energy	https://doi.org/10.1016/j.energy.2018.12.013	SCI
Experimental Investigation of Solar Room Heater for Commercial Purpose	V. R. Mishra, Akash Nigam Saurabh Kushwaha	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://www.sciencepubco.com/index.php/ijet/article/view/25587	UGC
Comparative Assessment of Performance and Emission Characteristics of a C.I. Engine Using Biodiesel and Gtl (Gas to Liquid) Fuel	Anurag Tripathi , V.R. Mishra , Akash Nigam	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	Comparative Assessment of Performance and Emission Characteristics of a C.I. Engine Using Biodiesel and Gtl (Gas to Liquid) Fuel International Journal of Engineering & Technology (sciencepubco.com)	UGC
Influence of Supply Chain Management on Production Cost and Productivity-A Case Study	Akash Nigam	Mechanical Engineering	International Journal of Engineering and Technology(UAE)	2018-19	2227-524X	https://www.sciencepubco.com/index.php/ijet	Influence of Supply Chain Management on Production Cost and Productivity-A Case Study International Journal of Engineering & Technology (sciencepubco.com)	UGC
Utilization of waste eggshell to reduce soil pollution in development of composite using central composite design	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Revue des Composites et des Matériaux Avancés	2018-19	1169-7954	https://www.iieta.org/Journals/RCMA	https://www.iieta.org/Journals/rcma/paper/10.3166/RCMA.28.421-438	SCOPUS
Effect of Magnesium Addition on Mechanical Properties of A1 -Fly Ash Green Composite Produced under Green Ultrasonic Vibration Process	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING –GREEN TECHNOLOGY	2018-19	2198-0810	https://www.springer.com/journal/40684	https://doi.org/10.1007/s40684-019-00044-1	SCIE
Physico-chemical, Mechanical and Thermal Behaviour of Agro Waste RHA Reinforced Green Emerging Composite Material	Shashi Prakash Dwivedi, V. R. Mishra	Mechanical Engineering	Arabian Journal for Science and Engineering	2018-19	2191-4281	https://www.springer.com/journal/13369	https://doi.org/10.1007/s13369-019-03784-z	SCIE
Effect of fuel injection pressure and timing on Polanga (Calophyllum Inophyllum) biodiesel blends for engine performance and emissions analysis	Dr. Abhishek Sharma	Mechanical Engineering	ENERGY SOURCE: PART A	2018-19	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2019.1583696	SCI
Status of Bio Fuel in India with Production and Performance Characteristics: A Review	Dr. Abhishek Sharma	Mechanical Engineering	International journal of Ambient Energy	2018-19	0143-0750	https://www.tandfonline.com/toc/taen20/current	https://doi.org/10.1080/01430750.2019.1630298	SCI
Utilization of Organic Waste and Inorganic Waste in Development of Green Hybrid Composite Material	Dr. Shashi Prakash Dwivedi	Mechanical Engineering	Materials Performance and Characterization	2018-19	2379-1365	Materials Performance and Characterization (astm.org)	Utilization of Organic Waste and Inorganic Waste in Development of Green Hybrid Composite Material (astm.org)	SCIE
Experimental studies on performance and exhaust emission characteristics of a diesel engine fuelled with diesel-linseed oil methyl ester (LOME) blends	Dr. Abhishek Sharma	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2018-19	1556-7230	https://www.tandfonline.com/toc/ueso20/current	https://doi.org/10.1080/15567036.2019.1632978	SCI
Comparative study of statistical and soft computing based predictive models for material removal rate and surface roughness during helium-assisted EDM of D3 die steel	Dr. Abhishek Sharma	Mechanical Engineering	SN Applied Sciences	2018-19	2523-3971	https://www.springer.com/journal/42452	https://doi.org/10.1007/s42452-019-0545-x	Scopus
Effect of biogas on the performance and emissions of diesel engine fuelled with biodiesel-ethanol blends through response surface methodology approach	Dr. Abhishek Sharma	Mechanical Engineering	Renewable Energy	2018-19	0957-5820	https://www.journals.elsevier.com/renewable-energy	https://doi.org/10.1016/j.renene.2019.04.031	SCI

Energy, Exergy and Emission Performance Analysis of Air-Film Blade Cooled Turbo Prop Turbine for Heavy Duty Cargo Aircrafts	Dr. Shivam Mishra	Mechanical Engineering	SAE Technical Papers	2018-19	1487191	https://www.sae.org/publications/collections/content/dlibtp	https://doi.org/10.4271/2019-01-1389	Scopus
Non-edible vegetable oil-based feedstocks capable of bio-lubricant production for automotive sector applications—a review	Dr. Abhishek Sharma	Mechanical Engineering	Environmental Science and Pollution Research	2018-19	9441344	https://www.springer.com/journal/11356	https://doi.org/10.1007/s11356-019-05000-9	SCI
Application of Response Surface Methodology to Optimize Diesel Engine Parameters fuelled with Pongamia Biodiesel/Diesel Blends	Dr. Abhishek Sharma	Mechanical Engineering	ENERGY SOURCE: PART A	2018-19	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2019.1623949	SCI
Effect of addition of copper nanoparticles on the tribological behavior of macadamia oil at different sliding speeds	Dr. Abhishek Sharma	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2018-19	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2019.1582734	SCI
Sustainability of jojoba biodiesel/diesel blends for DI diesel engine applications- taguchi and response surface methodology concept	Dr. Abhishek Sharma	Mechanical Engineering	Industrial Crops and Products	2018-19	0926-6690	https://www.iournals.elsevier.com/industrial-crops-and-products	https://doi.org/10.1016/j.indcrop.2019.111587	Scopus
Effect of Uncarbonized Eggshell Weight Percentage on Mechanical properties of Green Composite Material Developed by Electromagnetic Stir Casting Technique	Dr. Shashi Prakash Dwivedi and Nagendra maurya	Mechanical Engineering	Revue des Composites et des Matériaux Avancés	2018-19	1169-7954	https://www.iieta.org/journals/RCMA	https://doi.org/10.18280/rcma.290205	Scopus
Preparation microstructure and relaxor ferroelectric characteristics of BLNT-BCT lead free piezoceramics	Pal V. Kumar A, Thakur OP, Dwivedi RK, Prasad NE	Applied Science and Humanities	Journal of Alloys and Compounds	2017-18	1873-4669	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838817314457	SCI
Synthesis, Spectral Characterization and Biocidal Activities of Triphenyl Antimony (V) Halide and Methoxide Complexes	Ashish Kumar ,Brij Kishore Tiwari Tasneem Sultan, Narendra Deo Pandey Sahid Suhail Narvi	Applied Science and Humanities	International Journal of Chemical Synthesis & Chemical Reactions	2017-18	2582-5917	https://chemicaljournalspub.info/index.php?journal=JCS&SCR	https://chemicaljournalspub.info/index.php?journal=JCS&SCR&page=article&op=view&path%5B%5D=273	UGC
Anti-tubercular activity of dioxo molybdenum (VI) metal complexes of 2-((E)-(1,5-dimethyl-2-phenyl-3-(Z)-(quinoline-8-ylimino)methyl)-2,3-dihydro-1H-pyrazole-4-ylimino)methyl)phenol	Ashish Kumar ,Brij Kishore Tiwari Tasneem Sultan, Anuj Sharma	Applied Science and Humanities	International Journal of Chemical Synthesis & Chemical Reactions	2017-18	2582-5917	https://chemicaljournalspub.info/index.php?journal=JCS&SCR	https://www.academia.edu/35735217/Anti-tubercular_Activity_of_Dioxo_Molybdenum_VI_Metal_Complexes_of_2-((E)-(1,5-Dimethyl-2-phenyl-3-(Z)-(quinoline-8-ylimino)methyl)-2,3-dihydro-1H-pyrazole-4-ylimino)methyl)phenol	UGC
Minimize the Cost of Two-Tier Cellular Network Using Genetic Algorithm	Pankaj Goel and D. K. Lobiya	Applied Science and Humanities	Malaya Journal of Matematik	2017-18	0974-5572	https://www.malayaajournal.org/archive/	https://doi.org/10.26637/MJM0501/03	UGC
Modeling of Two-Tier Cellular Network Using Channel Sub Rating CAC	Pankaj Goel and D. K. Lobiya	Applied Science and Humanities	International Journal of Emerging Technology and Advanced Engineering	2017-18	2250-2459	https://ijctet.org/	https://ijctet.org/assets/upload/5785JCTET41280204.pdf	UGC
Cavity Model Based Analysis of Gunn Loaded Annular Ring Microstrip Patch Antenna	Arvind Mishra1 , Km Pankaj2 , B P Singh	Applied Science and Humanities	International Journal of Applied Science & Technology Research Excellence	2017-18	2250-2726	IJARSE - UGC Approved Journal	http://www.ijarse.com/images/fullpdf/1498203167_IJMT_326_ijarse.pdf	UGC
Effect of ionised plasma medium on radiation characteristic of 6*6 element planar array of circular patch microstrip antenna.	Km Pankaj, Arvind Mishra, B P Sing	Applied Science and Humanities	International Journal of Advance Research in Science & Engineering	2017-18	2250-2726	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1498302429_IJMT_329_ijarse.pdf	UGC
A study of Mental Attitude of Engineering college Teachers towards their profession of private Engineering colleges of Ghaziabad	Dr Ganesh K. Thakur,Dr Bandana priya ,Mr Pawan Sharma Mrs Mamta Bhardwaj and Rishu Gupta	Applied Science and Humanities	International journalof Emerging Technology and Advanced Engineering	2017-18	2250-2459			UGC
Mathematical Implementation of fusion of medical images in continuous wavelet domain	Satya Prakash Yadav, SachinYadav	Computer Science & Engineering	Journal of Advanced Research in dynamical and control system	2017-18	1943-023X	https://ores.su/en/journals/journal-of-advanced-research-in-dynamical-and-control-systems/	https://www.researchgate.net/publication/330752161_Mathematical_Implementation_of_Fusion_of_Medical_Images_in_Continuous_Wavelet_Domain	SCOPUS
Study of Image Enhancement Techniques Using Histogram Equalization	Gunjan Bansal, Sachin Yadav	Computer Science & Engineering	International Journal of Advances In Engineering Research, Volume. 14, No. 1, July 2017.	2017-18	2231-5152	https://www.ijaer.com/	https://ijaer.com/admin/upload/1547448009_Gunjan_Bansal_3.pdf	SCOPUS
Secure Key Management schemes for optimizing the Energy of Manets	Inderpreet Kaur, A.L.N Rao	Computer Science & Engineering	International Journal of Computer Science and Information Security,October2017.[Scopus]	2017-18	1947-5500	https://independent.academia.edu/JournalofComputerScienceIJCIS	https://www.academia.edu/35334360/Secure_Key_Management_schemes_for_optimizing_the_Energy_of_Manets	SCOPUS

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Design and Analysis of Low Noise Optimization Amplifier Using Reconfigurable Slotted Patch Antenna	Dinesh Kumar Singh Anil Kumar Gautam	Electronics & Communication Engg.	Wireless Personal Communications	2017-18	Electronic ISSN 1572-834X Print ISSN 0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007%2Fs11277-017-4774-2	SCI
A Review on Evaluation of BER in CDMA using SGA Technique	Smriti Sachan, Ajmeet Singh, Rajveer Marwal	Electronics & Communication Engg.	International Journal of Recent and Innovations Trends in Computing and Communication	2017-18	ISSN: 2321-8169	https://ijritcc.org/index.php/ijritcc/indexing	https://ijritcc.org/download/1458725784_23-03-2016.pdf	Google scholar
Real Assessment of State Owned Indian Electric Utilities	Jay Singh	Electrical and Electronics Engineering	Advances in Energy and Power Systems	2017-18	1876-1100	https://link.springer.com/book/10.1007/978-981-13-0662-4	https://link.springer.com/chapter/10.1007/978-981-13-0662-4_8	Scopus
Modelling and Analysis of Novel Topology for Multilevel Inverter With Reduce Number of Switches	Shivendra Kaura	Electrical and Electronics Engineering	International Journal of Engineering & Technology	2017-18	2278-3075	https://www.sciencepubco.com/index.php/ijet/article/view/20111	https://doi.org/10.14419/ijet.v7i4.5.20111	Scopus
Design and implementation of automatic car washing system using PLC	Shivendra Kaura	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology (IRJET)	2017-18	2395-0056	https://www.irjet.net	https://www.irjet.net/archives/V5/i5/IRJET-V5I5933.pdf	Google Scholar
Wireless And Automatic Bomb Detection And Disposal Robot	Shivendra Kaura	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology (IRJET)	2017-18	2395-0056	https://www.irjet.net	https://www.irjet.net/archives/V5/i5/IRJET-V5I5799.pdf	Google Scholar
ARCHITECTURE FOR OVERLOAD PROTECTION IN ELECTRICAL CIRCUITS	Kailash Sharma	Electrical and Electronics Engineering	JETIR	2017-18	2349-5162	http://www.jetir.org	http://www.jetir.org/papers/JETIR1605020.pdf	Google Scholar
Electrification in Rural Areas Using Realistic Equipments	Jay Singh	Electrical and Electronics Engineering	Int. Journal of Engineering & Technology	2017-18	2227-524X	https://www.sciencepubco.com/index.php/ijet/pages/view/indexing	https://www.sciencepubco.com/index.php/ijet/article/view/23965	Scopus
A Mixed Approach for Approximation of Higher Order Linear Time Invariant Systems	Jay Singh	Electrical and Electronics Engineering	Int. Journal of Engineering & Technology	2017-18	2227-524X	https://www.sciencepubco.com/index.php/ijet/pages/view/indexing	https://www.sciencepubco.com/index.php/ijet/article/view/23966	Scopus
Low Order Mathematical Representation of a Power System via modified Hankel Matrix Approach	Jay Singh	Electrical and Electronics Engineering	International Journal on Recent Technologies in Mechanical and Electrical Engineering	2017-18	2349-7947	http://www.ijrme.org	http://www.ijrme.org/download/browse/Volume_5_Issues/May_18_Volume_5_Issue_5/1527673396_30-05-2018.pdf	Scopus
Two degree of freedom internal model control-PID design for LFC of power systems via logarithmic approximations	Jay Singh	Electrical and Electronics Engineering	ISA Transaction, Elsevier	2017-18	0019-0578	https://www.journals.elsevier.com/isa-transactions	https://doi.org/10.1016/j.isatra.2017.12.002	SCI
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A Novel Hybrid Contrast Enhancement Technique	Prem Chand Vashist	Information Technology	Journal of 3D Research (3DR) by Springer	2017-18	2092-6731	https://link.springer.com/article/10.1007/s13319-018-0178-7	https://doi.org/10.1007/s13319-018-0178-7	Scopus
A MODEL FOR SUCCESS OF AN INTERNATIONAL JOINT VENTURE IN INDIA: VALIDATED THROUGH ANALYTICAL HIERARCHY PROCESS	Kaushik R, VATS.RUCHIKA	Master of Business Administration	International Journal of Engineering & Technology	2017-18	ISSN:2227-524X	https://www.sciencepubco.com/index.php/ijet/index	https://www.sciencepubco.com/index.php/ijet/article/view/27735	Scopus
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Optimal order quantity and inventory classification using Clustering	Dr. Reeshu Agarwal	Master of Computer Application	International Journal of Applied Management Sciences and Engineering (IJAMSE)	2017-18	ISSN: 2327-7483	https://www.igi-global.com/journal/international-journal-applied-management-sciences/68203	https://www.igi-global.com/article/optimal-order-quantity-and-inventory-classification-using-clustering/185493	Other
Pervasive m-Healthcare Framework for Diabetes	Dr. Madhu Sharma Gaur	Master of Computer Application	Journal of Graphic Era University	2017-18	ISSN: 0975-1416	https://www.igi-global.com/journal/international-journal-applied-management-sciences/68203	https://www.journal.riverpublishers.com/index.php/IJGEU/article/view/100	Other
Optimization and Analysis for Reduction in Process Rejection of Sway Bar	Shivani Bhadoria	Mechanical Engineering	IJARSE	2017-18	2319-8354	http://www.ijarse.com/currentissue.php?id=144	http://www.ijarse.com/images/fullpdf/1514974123_IE04-013.pdf	UGC
Velocity field and stream line in a square section test duct by Particle Image Velocimetry system	Omprakash Yadav	Mechanical Engineering	IJARSE	2017-18	2319-8355	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514969668_TE01-014.pdf	UGC
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Performance investigation of N2O transcritical refrigeration cycle using dedicated mechanical subcooling	Pradeep Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8358	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514969967_TE01-021.pdf	UGC
A Review of Coal Gasification Process, Byproducts and Its Environmental Impact	Devendra Kumar Gupta	Mechanical Engineering	IJARSE	2017-18	2319-8359	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514970013_TE01-022.pdf	UGC
THE HEAT TRANSFER ENHANCEMENT TECHNIQUES –A REVIEW	Kuber Dwivedi	Mechanical Engineering	IJARSE	2017-18	2319-8360	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514970280_TE01-029.pdf	UGC
A Computational Approach for Attic Space Designing	Anuj Gupta	Mechanical Engineering	IJARSE	2017-18	2319-8361	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514970445_TE01-033.pdf	UGC
Performance and Emission characteristics of Medium Capacity Diesel Engine fuelled with Isopropyl alcohol- Diesel Blends	Amardeep	Mechanical Engineering	IJARSE	2017-18	2319-8362	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514970484_TE01-034.pdf	UGC
Scope of Quasi Turbine:A Review Analysis	Pranjal Yadav	Mechanical Engineering	IJARSE	2017-18	2319-8363	http://www.ijarse.com/	http://data.conferenceworld.in/IEEGLB/25.pdf	UGC
The optimum condition for rapid mixing of two fluid streams in turbulent pipe flow were investigated for different velocity ratio and different angles (45 0 ,90 0 and 135 0) et injection)	Rishikesh Kumar Singh	Mechanical Engineering	IJARSE	2017-18	2319-8364	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514970944_TE01-041.pdf	UGC
Study of water falling film over horizontal drop shaped and inverted drop shaped tubes	Vipul Kumar Sharma	Mechanical Engineering	IJARSE	2017-18	2319-8365	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514971056_TE01-042.pdf	UGC
Experimental Analysis of A Multi-Purpose Refrigerator System	Avdresh Tyagi	Mechanical Engineering	IJARSE	2017-18	2319-8366	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514971340_TE01-043.pdf	UGC
Review of Solar Ejector Expansion Refrigeration System	Rahul Sharma	Mechanical Engineering	IJARSE	2017-18	2319-8367	http://www.ijarse.com/currentissue.php?id=144	1514971518_TE01-046.pdf (ijarse.com)	UGC
Finite Element Analysis of Multidisc Magnetorheological Brake with B-H curve Using ANSYS	Satish Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8368	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514971567_MD02-010.pdf	UGC
Static Analysis of Smart Pizolaminated Plate using Finite Element Method	Pramod Singh	Mechanical Engineering	IJARSE	2017-18	2319-8369	http://www.ijarse.com/currentissue.php?id=144	http://www.ijarse.com/images/fullpdf/1514971694_MD02-013.pdf	UGC
Experimental Investigation of Effect of Concentration on Head Losses at Different Size Particle in Pipe Flow	Nagendra Kumar Maurya	Mechanical Engineering	IJARSE	2017-18	2319-8370	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514971960_MD02-019.pdf	UGC
Taguchi Method - A Tool for Total Product Design in Concurrent Engineering	Pankaj Kumar Chauhan	Mechanical Engineering	IJARSE	2017-18	2319-8371	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514972026_MD02-021.pdf	UGC
HERTZIAN CONTACT ANALYSIS OF SPUR GEAR	Akash Deep	Mechanical Engineering	IJARSE	2017-18	2319-8372	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514972060_MD02-022.pdf	UGC
NUMERICAL COMPUTATION OF STRESSES ON BUTTERFLY VALVE	Ujjwal Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8373	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514972212_MD02-025.pdf	UGC
Finite Element Analysis of Magnetorheological Brake having Three Electromagnet using ANSYS	Satish Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8374	http://www.ijarse.com/currentissue.php?id=144	http://www.ijarse.com/images/fullpdf/1514972286_MD02-026.pdf	UGC
COMPARISON OF NORMAL AND PATHOLOGICAL GAIT USING EMG SIGNAL	Ashish Mishra	Mechanical Engineering	IJARSE	2017-18	2319-8375	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514972508_MD02-030.pdf	UGC

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Impact of layer thickness and Build orientation on Tensile Strength of a Component manufactured by 3DP	Rohit Sahu	Mechanical Engineering	IJARSE	2017-18	2319-8377	http://www.ijarse.com/currentissue.php?id=144	http://www.ijarse.com/images/fullpdf/1514972786_MD02-036.pdf	UGC
Effect of Rotational Speed on Friction stir deformation of Al 6061 alloy	Binit Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8378	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514972834_MM03-010.pdf	UGC
Effect of Cutting Forces on Machining Process Parameters in Ultrasonic Vibration-assisted Turning	Pawan Kumar Singotia	Mechanical Engineering	IJARSE	2017-18	2319-8379	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514973021_MM03-011.pdf	UGC
Fabrication of A359 Alloy Reinforced With B4C Particulates & Characterization of Mechanical Properties	Manish Maurya	Mechanical Engineering	IJARSE	2017-18	2319-8380	Current Issues of IJARSE	1514973125_MM03-014.pdf (ijarse.com)	UGC
A Review on Effects of Cutting Tool Parameters on Surface Roughness	Rajesh Kumar Maurya	Mechanical Engineering	IJARSE	2017-18	2319-8381	Current Issues of IJARSE	1514973162_MM03-015.pdf (ijarse.com)	UGC
Characterization of aluminum metal matrix-composite based on silicon carbide (SiC) Particles and Lubricated with molybdenum disulphide (MoS ₂)	Mohd. Arif	Mechanical Engineering	IJARSE	2017-18	2319-8382	http://www.ijarse.com/	http://ijarse.com/images/fullpdf/1514973202_MM03-016.pdf	UGC
LCF Behavior of IN718 with NaCl Salt Coating at 5500c	Mukesh Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8383	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514973383_MM03-020.pdf	UGC
Crystal Structure and Dielectric Properties of La and Cr Modified BaTiO ₃ Ceramic	Arvind Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8384	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514973420_MM03-021.pdf	UGC
Effect of Process Parameter on diametric deviation during CNC lathe turning of EN-31 Steel	Vishal Shankar Srivastava	Mechanical Engineering	IJARSE	2017-18	2319-8385	http://www.ijarse.com/	https://www.researchgate.net/publication/322635781_Effect_of_Process_Parameter_on_diametric_deviation_during_CNC_lathe_turning_of_EN-31_Steel	UGC
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Finite Element Formulation for Large Deformation Problem	Sushant Verma	Mechanical Engineering	IJARSE	2017-18	2319-8387	http://www.ijarse.com/	http://www.ijarse.com/currentissue.php?id=144	UGC
Mechanical Stir Casting For the Fabrication and Characterization of Metal Matrix Composite	Sushil Kumar Madheshiya	Mechanical Engineering	IJARSE	2017-18	2319-8388	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514973853_MM03-033.pdf	UGC
MOBILE ROBOT PATH PLANNING AND TRAJECTORY TRACKING USING ARTIFICIAL POTENTIAL FIELD METHOD	Jitender Kumar	Mechanical Engineering	IJARSE	2017-18	2319-8389	http://www.ijarse.com/currentissue.php?id=144	1514974088_IE04-012.pdf (ijarse.com)	UGC
Condition Based Maintenance of Automotive Air Conditioners	Anurag Jha	Mechanical Engineering	IJARSE	2017-18	2319-8391	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514974159_IE04-014.pdf	UGC
A Review of Various M-Commerce Adoption Techniques	Ashutosh Kumar Gupta	Mechanical Engineering	IJARSE	2017-18	2319-8392	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514974330_IE04-020.pdf	UGC
ELECTRICITY GENERATION USING VERTICAL AXIS WIND TURBINE:DESIGN AND DEVELOPMENT	Mahesh Pandey	Mechanical Engineering	IJARSE	2017-18	2319-8394	http://www.ijarse.com/	http://www.ijarse.com/images/fullpdf/1514970807_TE01-037.pdf	UGC