

Maharaja Agrasen Institute of Technology, Delhi
UGC CARE II (2024-25)



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S. No	Faculty Name	Paper Title	Journal Name	Vol	Year	Indexing	DOI
1	K C Tripathi	Predictability of the Indian Ocean Dipole: A Neural Network Approach	Int J Climatol	45	2025	SCI	https://doi.org/10.1002/joc.8792
2	k c tripathi	Coati optimization algorithm based Deep Convolutional Forest method for prediction of atmospheric and oceanic parameters	Sci Rep	14	2024	SCI	https://doi.org/10.1038/s41598-024-73811-z
3	k c tripathi	A novel hybrid time series deep learning model for forecasting of cotton yield in India	Int. j. inf. TecnoI	17	2025	Scopus	https://doi.org/10.1007/s41870-024-02327-6
4	Dr. Anupam Thakur	Evaluation of tribological parameters for boron carbide and graphite infused aluminium hybrid composite fabricated by stir casting technique	Nature: Scientific Reports	14	2024	SCI	https://doi.org/10.1038/s41598-024-73877-9
5	Dr.Nisha Aggarwal	An optimized IoT based framework for enhancing mushroom cultivation	International Journal of Information Technology	17	2025	Scopus	https://doi.org/10.1007/s41870-024-02343-6
6	Moolchand Sharma	Optimized differential evolution and hybrid deep learning for superior drug-target binding affinity prediction	Alexandria Engineering Journal	106	2024	SCI	10.1016/j.aej.2024.08.074
7	Varun Goel	A Novel Technique for Optimization of Artificial Neural Network Using Ensemble of Chimp, Harris Hawks and Manta Ray Foraging Optimization Algorithms for Enhancing Software Maintainability Prediction	Arabian Journal for Science and Engineering	online first article	2025	SCIE	10.1007/s13369-025-10031-1
8	Ruchi Bhatt	Detecting the undetectable: GAN-based strategies for network intrusion detection	International Journal of information Technology	16	2024	Scopus	https://doi.org/10.1007/s41870-024-02172-7
9	Dr. Garima Sharma	A framework for evaluating the barriers to adopting industry 4.0 in Indian SMEs: an approach of best-worst method	Journal of Management Analytics, Taylor & Francis	11	2024	SCIE	https://doi.org/10.1080/23270012.2024.2362645
10	Dr. Laxya	Realization of a New CMOS Transconductance Boosted Voltage Differencing Inverting Buffered Amplifier (TB-VDIBA) using Series Parallel Current Mirror (SPCM)	Journal of Circuits, Systems, and Computers	34	2025	SCIE	10.1142/S0218126625502275
11	Prachi Dahiya	An Optimized Multi-kernel Based Extreme Learning Machine for Authentication Threat Detection with Feature Reduction Scheme in IoT	Wireless Personal Communications	139	2024	SCI	https://doi.org/10.1007/s11277-024-11669-0
12	Radhika Aggarwal	The virtual voyage: understanding the factors affecting metaverse adoption in the tourism and hospitality industry	Current Issues in Tourism	Latest	2025	SCI	https://doi.org/10.1080/13683500.2025.2475491

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13	Shashibala Agarwal	Deep Learning Based Classification and Combined Transform Based Feature Extraction Approach for Mental Stress Prediction of Human Beings Using EEG	Wiley	Volume 36, issue 1	2025	SCI	https://onlinelibrary.wiley.com/doi/10.1002/ett.70155?af=R
14	Dr. NISHANT GAUR	Mathematical modelling of time until anxiety reduced through sahaj yoga meditation	Journal of Interdisciplinary Mathematics	Vol. 28 No.2	2025	Scopus	10.47974/JIM- 2102
15	Dr. Sidharth	Realization of a New CMOS Transconductance Boosted Voltage Differencing Inverting Buffered Amplifier (TB-VDIBA) using Series Parallel Current Mirror (SPCM)	Journal of Circuits, Systems, and Computers	34	2025	SCIE	https://doi.org/10.1142/S0218126625502275
16	Neelu Nagpal	A case study on the feasibility and optimization of wind farm deployment in India	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	47	2025	SCI	https://doi.org/10.1080/15567036.2025.2537739
17	Dr. Anju Bharti	Systematic literature review on retail agglomeration marketing	Marketing Intelligence & Planning, Emerald Publishing Limited	38-8049, p-ISSN 1751-1887	2025	Scopus	DOI 10.1108/MIP-11-2023-0593
18	Neelu Nagpal	Efficient design of tunable VFOD and VFOI for narrowband applications	Journal of Power Electronics	25	2025	SCIE	https://doi.org/10.1007/s43236-025-01050-0
19	Dr. Sunil Kumar Pandey	A Multifunctional VSC for Grid Synchronized SPV System with Mode Transfer Capability	Journal of Electrical Systems	20-11s	2024	Scopus	10.52783/jes.8650
20	Dr. Neelam Sharma	Theoretical Advancements in Deep Learning for Hematological Cancer Diagnosis: Proposing a New Framework and Mathematical Model	Intelligent Decision Technologies, Netherlands	18, no.3 pp.	2025		https://doi.org/10.1177/18724981241306503
21	Prerna Mann	Tropical cyclone intensity estimation based on YOLO-NAS using satellite images in real time	Alexandria Engineering Journal	113	2025	SCIE	https://doi.org/10.1016/j.aej.2024.10.072
22	Dr. Neelam Sharma	Enhancing Social Media User Engagement through Personalized Content Classification"	Contemporary Mathematics, Netherlands	Volume 1 2025 1, pp. 1-10	2025	Scopus	https://doi.org/10.37256/cm.6120255700
23	Prerna Mann	YOLOv11 with transformer attention for real-time monitoring of ships: A federated learning approach for maritime surveillance	Results in Engineering	27	2025		https://doi.org/10.1016/j.rineng.2025.106297
24	Prerna Mann	Improving Underwater Image Quality Through Real-ESRGAN With Whale Optimization Algorithm	Internet Technology Letters	8	2025	Scopus Q2	https://doi.org/10.1002/itl2.70047

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25	Prerna Mann	Real-time skin cancer detection: Optimizing YOLOv8 with CLEO for enhanced performance	Intelligent Decision Technologies	19	2025	Scopus	https://doi.org/10.1177/18724981241308218
26	Dr. Sachin Gupta	Neural Forensic Analysis for Privacy and Integrity Protection in Biometric Authentication Systems	IEEE Transactions on Consumer Electronics	NA	2025	SCIE	https://doi.org/10.1109/tce.2025.3593968
27	Dr. Sachin Gupta	Next-Generation Optimized Video Coding Mechanism For 6G Wireless Communication Network	IEEE Communications Standards Magazine	NA	2025	SCIE	https://doi.org/10.1109/MCOMSTD.2025.3575225
28	Dr. Sachin Gupta	Mobile Edge Computing Model for Dynamically Processes Tasks Through Multi-UAV Cooperation	Journal of Circuits, Systems and Computers	NA	2025	SCIE	https://doi.org/10.1142/S0218126625502056
29	Dr. Sachin Gupta	Blockchain-Based Secure Trust Management Scheme for Internet of Vehicles Over Cyber-Physical System	IEEE Transactions on Intelligent Transportation Systems	NA	2024	SCIE	https://doi.org/10.1109/TITS.2024.3485481
30	Dr. Sachin Gupta	Unified Fake News Detection Based on IoST-Driven Joint Detection Models	IEEE Transactions on Computational Social Systems	NA	2025	SCIE	https://doi.org/10.1109/TCSS.2025.3568872
31	Dr. Sachin Gupta	Zero Trust Management over Consumer Technology based IoT Edge Node for SDN Communication and Control of Cyber-Physical Systems	IEEE Transactions on Consumer Electronics	NA	2025	SCIE	https://doi.org/10.1109/TCE.2025.3563408
32	Dr. Sachin Gupta	A Novel Storage Decision Framework for Managing Healthcare Big Data on Blockchain Platform in IoT Integrated Telemedicine Systems	Ingénierie des Systèmes d'Information (ISI)	30, No. 3	2025	Scopus	https://doi.org/10.18280/isi.300307
33	Dr. Sachin Gupta	Optimizing Transcranial Focused Ultrasound Parameters: A Methodological Advancement in Non-invasive Brain Stimulation for Next-Gen Clinical Applications	Neuroscience Informatics	NA	2025		https://doi.org/10.1016/j.neuri.2025.100204
34	Dr. Garima	Energy efficient anchor zone based routing protocol for IoT networks	Computers and Electrical Engineering	123 Part C	2025	SCIE	https://doi.org/10.1016/j.compeleceng.2025.110144
35	Anupam Kumar	Unveiling Lung Diseases in CT Scan Images With a Hybrid Bio-Inspired Mutated Spider-Monkey and Crow Search Algorithm	Expert System, Wiley	42	2025	SCIE	https://doi.org/10.1111/exsy.13799
36	Anupam Kumar	Hybrid bio-inspired computing in medical image data analysis: A review	Intelligent Decision Technologies	19	2024	Scopus	https://doi.org/10.3233/IDT-241023

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37	Deepak Gupta	Lionfish Search Algorithm: A Novel Nature-Inspired Metaheuristic	Expert Systems	42	2025	SCIE	https://doi.org/10.1111/exsy.70016
38	Deepak Gupta	WebShield 5.0: Harnessing AI and NLP to combat web threats in Industry 5.0	Alexandria Engineering Journal	127	2025	SCI	https://doi.org/10.1016/j.aej.2025.05.018
39	Deepak Gupta	Leveraging Transfer Learning Domain Adaptation Model with Federated Learning to Revolutionize Healthcare	Expert Systems	42	2024	SCIE	https://doi.org/10.1111/exsy.13827
40	Deepak Gupta	Guest Editorial: Next_Generation Imaging Technology for Consumer Electronics	IEEE Transactions on Consumer Electronics	70	2025	SCIE	10.1109/TCE.2024.3480311
41	Deepak Gupta	A Comprehensive Review of Retinal Disease Diagnosis & Open Access Datasets: Fundus and OCT Images	Intelligent Decision Technologies	18	2024	Scopus	https://doi.org/10.3233/IDT-241007
42	Dr Ashish Khanna	Blockchain and FL-Based Secure Architecture for Enhanced External Intrusion Detection in Smart Farming	IEEE Internet of Things Journal	12	2025	SCIE	10.1109/JIOT.2024.3478820
43	dr ashish khanna	SuRaksha: AI-Powered Blockchain Framework for HVAC Tamper Detection and Authentication in Smart Classrooms	IEEE Internet of Things Journal	12 (13)	2025	SCIE	10.1109/JIOT.2025.3560077
44	Dr Vaibhav Jain	Performance Analysis of Air Conditioner Cum Air Sterilizer for Combined Application of Cooling and Heating	ASHRAE Journal	In press	2025	SCIE	in press
45	Dr Vaibhav Jain	Performance of an R-134a Two-Stage Vapor Compression Refrigeration System	ASHRAE Journal	66	2024	SCIE	NA
46	Dr Vaibhav Jain	Efficient Ice Slurry Generation Using Scraped Surface Technique with Ethylene Glycol	Journal of Thermal Engineering	In press	2025	Scopus	In press
47	bhoomi Gupta	Multimodal Lightweight Neural Network for Alzheimer's Disease Diagnosis Integrating Neuroimaging and Cognitive Scores	Neuroscience Informatics	Volume 5, Issue	2025		DOI:10.1016/j.neuri.2025.100218
48	Dr. Bhoomi Gupta	A Hybrid Trust Management Strategy for Reliable Cyber-Physical System in Intelligent Transportation	IEEE Transactions on Intelligent Transportation System	vol. 70, no. 1	2025	SCIE	10.1109/TITS.2025.3533364
49	Tina Dudeja	Multinomial classification of CT-MRI image retrieval by optimizing EffResNet-4 architecture in deep neural models	International Journal of System Assurance Engineering and Management	15	2024	Scopus	https://doi.org/10.1007/s13198-024-02402-y

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50	Namarta Sharma	Gandhian Interpretation of the Bhagavad Gita: A Solution to Sustainable Living	PROBLEMY EKOROZWOJU/P ROBLEMS OF SUSTAINABLE DEVELOPMENT	20(1)	2025	SCI	10.35784/preko.6689
51	Ashish Khanna	Enhancing Consumer Electronics in Healthcare 4.0: Integrating Passive FBG Sensor and IoMT Technology for Remote HRV Monitoring	IEEE Transactions on Consumer Electronics	71	2025	SCIE	10.1109/TCE.2024.3424975
52	Nitesh Kumar	A Nature-Inspired Multi-Objective Green Routing Protocol for Iot-Enabled SDWSNs	Transactions on Emerging Telecommunicatio ns Technologies	36	2025	SCIE	https://doi.org/10.1002/ett.70199
53	Nitesh Kumar	A Multi-Constrained Green Routing Protocol for IoT-Based Software-Defined WSN	Concurrency and Computation: Practice and Experience	36	2024	SCIE	https://doi.org/10.1002/cpe.8306
54	Dr Ashish Khanna	Enhancing Consumer Electronics in Healthcare 4.0: Integrating Passive FBG Sensor and IoMT Technology for Remote HRV Monitoring	IEEE Transactions on Consumer Electronics	71	2025	SCIE	10.1109/TCE.2024.3424975
55	Supriya Sharma	Development of an ANH control algorithm for improved power quality in EV-PV microgrids	Sadhana, Springer	50	2025	SCI	https://doi.org/10.1007/s12046-025-02870-3
56	Monika Bhardwaj	Grid-Connected PV Inverter System Control Optimization Using Grey Wolf Optimized PID Controller	Scientific Reports Springer Nature	ep 15, 28869	2025	SCI	https://doi.org/10.1038/s41598-025-10617-7
57	Dr Ashish Khanna	Predictive Modelling and Optimisation of Rubber Blend Mixing Using a General Regression Neural Network	Polymers	17(13)	2025	SCIE	https://doi.org/10.3390/polym17131868
58	Dr. Jitender Kumar	Analytical modeling of Cylindrical silicon on insulator Schottky Barrier MOSFET and impact of insulator pillar radius on analog/RF and Linearity Parameters for low power circuit applications.	Microelectronics Journal	156	2024	SCIE	10.1016/j.mejo.2024.106505
59	Dr. Anubha Goel	Performance Investigation of Neoteric Pt/Pd Junctionless Gas Tube FET(JL-GT-FET) as a Hydrogen(H2) Gas Sensor for Industrial Applications- Analytical Model	Micro and Nanostructures Journal	198	2024	SCI	10.1016/j.micrna.2024.208050
60	Dr. Anil Kumar Dahiya	Optimization of process parameters For Kerf Taper Using TM-GRA of GFRP Composite with AWJM	International Journal of Materials Engineering Innovation	o. 3, Page 23	2025	Scopus	https://doi.org/10.1504/IJMATEI.2025.147593

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61	Seema Kalonia	Comparative Analysis of Machine Learning Model and PSO Optimized CNN-RNN for Software Fault Prediction	International Journal of Performability Engineering	ol. 21, Issue (	2025	Scopus	10.23940/ijpe.25.01.p5.4855
62	Seema Kalonia	Data Driven Software Quality Assessment: Correlation Analysis of Code Metrics and Fault-Proneness	International Journal of Performability Engineering	Vol. 21 Issue	2025		10.23940/ijpe.25.03.p4.149156
63	Dr. Surbhi Upadhyay	Unlocking competitive edge and sustainability through Make-to-Order manufacturing: an empirical investigation	Environment Development and Sustainability	Volume 27	2025	SCIE	https://doi.org/10.1007/s10668-023-04255-0
64	Prof. R. S. Gupta	Performance investigation of neoteric Pt/Pd Junctionless gas tube FET(JL-GT-FET) as a Hydrogen(H2) gas sensor for industrial applications-analytical modelExtraction of Non-Quasi-Static Model Parameters for Cylindrical Gate-Stacked Junction-less Accumulation Mode MOSFET and Its Implementation as RF Filters for Circuit Applications	Micro and Nanostructures Journal (Elsevier)	198	2024	SCI	https://doi.org/10.1016/j.micrna.2024.208050
65	Prof. R. S. Gupta	Analytical modeling of cylindrical Silicon-on-Insulator Schottky Barrier MOSFET and impact of insulator pillar radius on analog/RF and linearity parameters for low power circuit application	Microelectronics Journal	156	2025	SCI	https://doi.org/10.1016/j.mejo.2024.106505
66	Prof. R. S. Gupta	Numerical Simulation of Dielectric Modulated Cylindrical Schottky Nanowire FETs for Enhanced Analog Performance	ECS Journal of solid state science and technology	14	2025	SCI	10.1149/2162-8777/add417
67	Prof. R. S. Gupta	Numerical Simulation on Sensitivity Modulation in Nanowire MOSFEB Detector for Biomedical Applications	Indian Journal of Pure & Applied physics	63	2025	SCI	https://doi.org/10.56042/ijpap.v63i4.14388
68	Divya Arora	Entropy-driven sentiment rating generation for online textual reviews with type-2 fuzzy sets	International Journal of Information Technology	17	2025	Scopus	https://doi.org/10.1007/s41870-025-02656-0
69	Divya Arora	Solving sentiment uncertainty using newly proposed sentiment similarity measure for single-valued neutrosophic sets	International Journal of System Assurance Engineering and Management	16	2025		https://doi.org/10.1007/s13198-025-02853-x
70	Vaishali	HPEGPrSumm: A Transformer-Based Text Summarization with Prompt Tuning	International Journal of Information Technology(BJIT)	17	2025		https://doi.org/10.1007/s41870-025-02688-6

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71	Ms. Neeraj	Impact of Interface Trap Charges on Silicon Carbide (4H-SiC) Based Gate – Stack, Dual Metal, Surrounding Gate, FET (4H-SiC- GSDM-SGFET) for Analog and Noise Performance Analysis for 5G/LTE Applications	ECS Journal of Solid State Science and Technology	13	2024	SCI	10.1149/2162-8777/ad6502
72	Dr Ashish Khanna	Integrating multi-modal insights with transfer learning for detecting metastatic breast cancer (MBC-stage IV) prognostics	International Journal of Information Technology	17	2024	Scopus	https://doi.org/10.1007/s41870-024-02300-3
73	Dr. Anubha Goel	Impact of Interface Trap Charges on Silicon Carbide (4H-SiC) Based Gate – Stack, Dual Metal, Surrounding Gate, FET (4H-SiC- GSDM-SGFET) for Analog and Noise Performance Analysis for 5G/LTE Applications	ECS Journal of Solid State Science and Technology	13	2024	SCIE	10.1149/2162-8777/ad6502
74	Dr Ashish Khanna	An automated stress detection model based on dual approach of clinical psychologist prediction and machine learning	International Journal of Information Technology	17	2024	Scopus	https://doi.org/10.1007/s41870-024-02213-1
75	Dr Ashish Khanna	Super-Resolution of Medical Images Using Real ESRGAN	IEEE Access	12	2024	SCIE	10.1109/ACCESS.2024.3497002
76	Dr Ashish Khanna	AOBL-IPACO: A novel and optimized algorithm to mitigate losses in electrical grid systems	International Journal of Information Technology	17	2024	Scopus	International Journal of Information Technology
77	Dr Ashish Khanna	Audio spectrogram analysis in IoT paradigm for the classification of psychological-emotional characteristics	International Journal of Information Technology	17	2024		https://doi.org/10.1007/s41870-024-02166-5
78	Dr. Bhaskar Kapoor	Hybrid cuckoo finch optimisation based machine learning classifier for seizure prediction using EEG signals in IoT network	Cluster Computing	27	2024	SCIE	https://doi.org/10.1007/s10586-023-04059-x
79	Dr Ashish Khanna	Enhancing fault detection and predictive maintenance of rotating machinery with Fiber Bragg Grating sensor and machine learning techniques	International Journal of Information Technology	17	2024	Scopus	https://doi.org/10.1007/s41870-024-02256-4
80	Kanika Agarwal	Variable Kernel Width Algorithm in Constrained Maximum Complex Correntropy Criterion for Adaptive Beamforming	Circuits, Systems, and Signal Processing	44	2025	SCIE	https://doi.org/10.1007/s00034-025-03115-8
81	Dr. Bhaskar Kapoor	Gradient Boosting for Predicting the Relation Between Bio-Medical Signals and Seizures Using LGBM and XGBoost	Journal of Mobile Multimedia	20	2025	Scopus	https://doi.org/10.13052/jmm1550-4646.2025

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82	Dr Chandrakesh Shukla	A Multifunctional VSC for Grid Synchronized SPV System with Mode Transfer Capability	Journal of Electrical Systems	20 No. 11s (2	2024	Scopus	https://doi.org/10.52783/jes.8650
83	Dr Narinder kaushik	Comparison of the Thermohydraulic Efficiency of a Rectangular Fin Tube Heat Exchanger with or without Modified Rectangular Winglet Vortex Generator	Metallurgical and Materials Engineering	Vol 31 (3) 2024	2025	SCIE	https://doi.org/10.63278/1434
84	DR.ANU RATHEE	Advancing neuroimaging with quantum CNN for brain tumor detection	International Journal of Information Technology	1	2025	Scopus	https://doi.org/10.1007/s41870-025-02401-7
85	Dr Ashish Khanna	Comprehensive review on facets of cloud computing in context of security and privacy	Polytechnic Journal	15	2025		https://doi.org/10.59341/2707-7799.1858
86	Dr. Rajni	Constrained Maximum Correntropy Criterion Based Sparse Algorithm for Sparse Channel Estimation against Noisy Input	Signal, Image and Video Processing	Accepted	2025	SCI	in production
87	Dr. Deepika Bansal	Automated medical diagnosis of dementia through fine-tuned EfficientNet	Intelligent Decision Technologies	Vol. 19(1)	2024	Scopus	10.3233/IDT-240988
88	Dr. Divya Jindal	Perturbation of Frames from the Weyl–Heisenberg Group and the Extended Affine Group	Complex Analysis and Operator Theory	19	2025	SCIE	https://doi.org/10.1007/s11785-025-01675-w
89	LALIT AGARWAL	Reducing Overfitting in deep learning Intrusion detection for Power systems with CTGAN	Chaos, Solitons & Fractals	188	2024	SCIE	https://doi.org/10.1016/j.chaos.2024.115603
90	LALIT AGARWAL	A case study on the feasibility and optimization of wind farm deployment in India	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	47(2)	2025	SCIE	https://doi.org/10.1080/15567036.2025.2537739
91	Shallu Juneja	“Bio-Inspired Optimization Algorithm in Machine Learning and Practical Applications”	SN Computer Science	Volume 5 (2024)	2024	Scopus	https://link.springer.com/article/10.1007/s42979-024-03412-0
92	Prerna Mann	Real-time skin cancer detection: Optimizing YOLOv8 with CLEO for enhanced performance	Intelligent Decision Technologies	19	2025	Scopus	https://doi.org/10.1177/18724981241308218
93	Anupam Kumar	Hybrid bio-inspired computing in medical image data analysis: A review	Intelligent Decision Technologies	19	2024	Scopus	<u>10.3233/IDT-241023</u>
94	Deepak Gupta	A Comprehensive Review of Retinal Disease Diagnosis & Open Access Datasets: Fundus and OCT Images	Intelligent Decision Technologies	18	2024	Scopus	https://doi.org/10.3233/IDT-241007
95	Dr Ashish Khanna	Comprehensive review on facets of cloud computing in context of security and privacy	Polytechnic Journal	15	2024	Scopus	https://doi.org/10.59341/2707-7799.1858

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96	Dr. Neelam Sharma	Theoretical Advancements in Deep Learning for Hematological Cancer Diagnosis: Proposing a New Framework and Mathematical Model	Intelligent Decision Technologies, Netherlands	vol. 18	2025	Scopus	https://doi.org/10.1177/18724981241306503
97	Dr. Sunil Kumar Pandey	A Multifunctional VSC for Grid Synchronized SPV System with Mode Transfer Capability	Journal of Electrical Systems	20-Nov	2024	Scopus	https://doi.org/10.52783/jes.8650
98	Seema Kalonia	Comparative Analysis of Machine Learning Model and PSO Optimized CNN-RNN for Software Fault Prediction	International Journal of Performability Engineering	Vol. 21	2025	Scopus	10.23940/ijpe.25.01.p5.4855
99	Seema Kalonia	Data Driven Software Quality Assessment: Correlation Analysis of Code Metrics and Fault-Proneness	International Journal of Performability Engineering	Vol. 21	2025	Scopus	https://doi.org/10.23940/ijpe.25.03.p4.149156
100	Dr. Anil Kumar Dahiya	Optimization of process parameters For Kerf Taper Using TM-GRA of GFRP Composite with AWJM	International Journal of Materials Engineering Innovation	16	2025	Scopus	https://doi.org/10.1504/IJMATEI.2025.147593

OTHER PUBLICATION(2024-25)

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1	Dr. Deepika Bansal	Telecom Industry Customer Attrition Prediction with Machine Learning Approach	MAIT Journal of Science and Technology	Vol. 2(2)	2025	-	
2	Dr. Deepika Bansal	Air Quality Index Prediction using Machine Learning Techniques	MAIT Journal of Science and Technology	Vol. 2(2)	2025	-	
3	Ms. Vaishali	Deep Fake Video Detection Using ResNext and LSTM	MAIT Journal of Science and Technology	Vol. 2(2)	2025	-	
4	Vaibhav Jain	Thermodynamic Analysis of Vapour Compression Refrigeration System with Dedicated Mechanical Sub-Cooling	Tans Tech Publication		2025	-	
5	Vaibhav Jain	Energy and Exergy Analysis of Vapor Compression Refrigeration System with Integrated Mechanical Subcooling Using R134a, R450a, R513a, and R515a	Tans Tech Publication		2025	-	
6	Vipin Kumar Sharma	Exploring the Potential of 3D Printed Molds for Rapid and Affordable Prototyping of Carbon Fiber Composites	MAIT Journal of Technology	1	2024	-	-
7	SurabhiLata	A Comparative Analysis of Nanoparticle Size and Concentration of Green Synthesis-Based Silver Nanoparticles with Varying Concoction of Aloe Barbadensis Miller: A Sustainable Approach	Scientific.Net		2024	-	
8	SurabhiLata	Design Optimization and Analysis of Connecting Rod in IC Engines	Scientific.Net		2024	-	
9	Sumit Joshi ,	Streamlit-Powered Sentiment Analysis Web App	International Journal of Advance Research and Innovation		2025	-	

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10	Sumit Joshi	Analysis of Friction Stir Welding Utilizing ANSYS: A Study Based on Simulation	International Journal of Advance Research and Innovation		2025	-	
11	Sumit Joshi	Exploring the Potential of 3D Printed Molds for Rapid and Affordable Prototyping of Carbon Fiber Composites	MAIT Journal of Technology		2025	-	
12	Piu Jain	Structural Durability Of Hyperloop			2025	-	
13	Naveen Solanki	Performance Analysis of Different Blade Profiles of Vertical Axis Wind Turbines Using Ansys CFD	International Journal of Advance Research and Innovation		2025	-	https://doi.org/10.51976/9d2r6f76
14	Naveen Solanki	Energy and Exergy Analysis of Vapor Compression Refrigeration System with Integrated Mechanical Subcooling Using R134a, R450a, R513a, and R515a	Tans Tech Publication		2025	-	
15	KanchanMudgil	Thermodynamic Analysis of Vapour Compression Refrigeration System with Dedicated Mechanical Sub-Cooling	Tans Tech Publication		2025	-	
16	DeshdeepGambhir	Parametric and Predictive Analysis of Window AC System Based on VCRS	International Journal of Advance Research and Innovation		2025	-	https://doi.org/10.51976/w4ctwr78
17	Anil Gupta	Design and Analysis of fixed wing UAV Airframe	International Journal of Advance Research and Innovation	13(2)	2025	-	https://doi.org/10.69996/ijari.2025009
18	Rakesh ChanderSain	Design and Analysis of Custom Manually Locking Open Differential	International Journal of Advance Research and Innovation		2025	-	https://doi.org/10.51976/cpesh280
19	Vipin Kumar Sharma	Fabrication of Micro Textures using Aluminium and Copper tool Electrode by EDM	International Journal of Advance Research and Innovation	13	2025	-	https://doi.org/10.51976/zchh7x92
20	Rakesh ChanderSain	Lithium-ion Battery and its Second Life	International Journal of Advance Research and Innovation		2025	-	https://doi.org/10.51976/j021f070

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21	Rakesh ChanderSain	Manufacturing of Vertical Takeoff And Landing Drone	International Journal of Advance Research and Innovation		2025	-	https://doi.org/10.51976/zxcwyx85
22	Rakesh ChanderSain	Design and Manufacturing of QUADCOPTER	International Journal of Advance Research and Innovation		2025	-	https://doi.org/10.51976/nfkv0971
23	SurbhiUpadhyay	Study of design issues in MTO and MTS systems in Automobile sector	International Journal of Advance Research and Innovation		2025	-	https://doi.org/10.51976/mzg0rd24
24	Sidharth	Fabrication of Micro Textures using Aluminium and Copper tool Electrode by EDM	International Journal of Advance Research and Innovation	13	2025	-	https://doi.org/10.51976/zchh7x92
25	Rakesh ChanderSain	CAE Analysis and Material Selection for Chassis of 4-Wheel Efficycle			2025	-	
26	Rakesh ChanderSain	Design and Optimization of Chassis and Drivetrain of Formula Student Vehicle			2025	-	
27	Rakesh ChanderSain	Design and Manufacturing of Suspension and Steering System of a F3 Vehicle			2025	-	
28	Rakesh ChanderSain	Review of Dynamic wireless charging of electric vehicles			2025	-	
29	Vaibhav Jain	Development of IoT based Air Conditioning Trainer Assisted with Four Way Reverse Valve			2025	-	
30	Vaibhav Jain	Experimental Performance Evaluation of Ice Slurry Refrigeration System using PG & EG Depressants			2025	-	
31	Vaibhavjain	Theoretical Evaluation of Vapor compression refrigeration cycle with integrated mechanical subcooling			2025	-	
32	Vaibhav Jain	Performance Evaluation of Vapor Compression Refrigeration System in heating and cooling mode assisted with IoT Technology			2025	-	

S. No	Faculty/Author	Paper Title	Journal name	Volume	Year	Indexing *	DOI
33	Vaibhav Jain	Comparative Thermodynamic Analysis of Vapour Compression Refrigeration System with Dedicated Mechanical Subcooling			2025	-	
34	Kanchan Mudgal	Theoretical Evaluation of Vapor compression refrigeration cycle with integrated mechanical subcooling			2025	-	
35	Vaibhav Jain	A Review and Development of Solar Thermal Adsorption Refrigeration Technology			2025	-	https://doi.org/10.51976/qd0ada14
36	Meenu Garg	AI Powered Digitalization Using OCR	International Journal of Research Publication and Reviews	Vol 6 Issue 4	2025	Google Scholar	https://www.ijraset.com/best-journal/a-book-tracking-and-recommender-system-using-machine-learning-algorithms
37	Nidhi Sengar	A Book Tracking and Recommender System using Machine Learning Algorithms	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 13 Issue V	2025	Google Scholar	https://doi.org/10.22214/ijraset.2025.70694
38	Dr. Amita Goel	A Book Tracking and Recommender System using Machine Learning Algorithms	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 13 Issue V	2025	Google Scholar	https://doi.org/10.22214/ijraset.2025.70694
39	Vasudha Bahl	A Book Tracking and Recommender System using Machine Learning Algorithms	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 13 Issue V	2025	Google Scholar	https://doi.org/10.22214/ijraset.2025.70694
40	Dr. Amita Goel	IPL Match Win Predictor	International Journal of Emerging Technologies and Innovative Research	Vol.12, Issue 4	2025	Google Scholar	https://doi.org/10.56975/jetir.v12i4.560395
41	Vasudha Bahl	IPL Match Win Predictor	International Journal of Emerging Technologies and Innovative Research	Vol.12, Issue 4	2025	Google Scholar	https://doi.org/10.56975/jetir.v12i4.560395

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42	Nidhi Sengar	IPL Match Win Predictor	International Journal of Emerging Technologies and Innovative Research	Vol.12, Issue 4	2025	Google Scholar	https://doi.org/10.56975/jetir.v12i4.56039 <u>5</u>
43	Dr. Amita Goel	AI-Based Personality Prediction and Career Recommendation from Social Media Posts	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT (IJSREM)	VOLUME: 09 ISSUE: 04	2025	Google Scholar	DOI: 10.55041/IJSREM46442
44	Nidhi Sengar	AI-Based Personality Prediction and Career Recommendation from Social Media Posts	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT (IJSREM)	VOLUME: 09 ISSUE: 04	2025	Google Scholar	DOI: 10.55041/IJSREM46442
45	Vasudha Bahl	AI-Based Personality Prediction and Career Recommendation from Social Media Posts	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT (IJSREM)	VOLUME: 09 ISSUE: 04	2025	Google Scholar	DOI: 10.55041/IJSREM46442
46	Dr. Amita Goel	CHAT-MINGLE – A Full-Stack Real-Time Chatting Application	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT (IJSREM)	Volume: 09 Issue: 04	2025	Google Scholar	10.55041/IJSREM46148
47	Nidhi Sengar	CHAT-MINGLE – A Full-Stack Real-Time Chatting Application	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT (IJSREM)	Volume: 09 Issue: 04	2025	Google Scholar	10.55041/IJSREM46148
48	Vasudha Bahl	CHAT-MINGLE – A Full-Stack Real-Time Chatting Application	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT (IJSREM)	Volume: 09 Issue: 04	2025	Google Scholar	10.55041/IJSREM46148
49	Ms. Vaishali	Blood Scene Detection in Videos Using a Hybrid HSV and Deep Learning Approach with a User-Friendly GUI	Journal of Innovations in Computer Science and Trends in IT	Vol.2, Issue 1	2025	J- Gate indexed	
50	Dr Dilsha K M	TURNING TRASH INTO TREASURE-THE BIOLEACHING SOLUTION	INTERNATIONAL JOURNAL OF SCIENCE AND SOCIAL SCIENCE RESEARCH(Ijsssr)	volume 2, issue 3	2024	Others	<u>18-Dec-24</u>

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51	Dr Ritu Walia	Novel emerging concepts and applications of Quantum Cascade Lasers in research	Lat. Am. J. Phys. Educ	18	2024	Others	
52	Dr Ritu Walia	Physics, Novel Concepts and Technical Analysis of GaMnAs Digital Alloys	<i>International Journal of Metallurgy and Alloys</i>	10	2024	Others	https://doi.org/10.37628/ijma.v10i2.11521
53	Dr Ritu Walia	Optimization of performance parameters for carbonaceous material for lithium-ion batteries by dual ion beam sputtering (dibs) technology: A Review	i-manager's Journal on Material Science	12	2024	Others	https://doi.org/10.26634/jms.12.3.21679
54	Dr Ritu Walia	Novel Concepts and Modeling of Devices Based on Nonlinear Phase Contrast Technique	Journal of Scientific and Engineering Research	12	2025	Others	
55	Dr Ritu Walia	Designing and Modeling of Giant Magnetoresistance (GMR) Materials based Devices in Electrical Power and Biomedical Systems.	Research & Reviews : Journal of Physics.	14	2025	Others	
56	Dr Suman Sharma	Novel concept and recent application of sprintrohics in Electrical energy harvesting and biomedical fields.	Invertis journal of renewable energy	14	2024	Others	
57	Dr Namarta Sharma	Review of Prassannanshu's Poem "Ode to Odisha"	Glimpses	13(2)	2024	Others	
58	Namita Gupta	Smart Disaster Response System using IoT and AI based Decision Making Algorithm	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	13	2025	Others	https://doi.org/10.22214/ijraset.2025.69470
59	Alok Kumar Sharma	AI-Driven Workforce Transformation with Pandemic Acceleration and Ethical Governance	International Journal of Scientific Research in Engineering and Management (IJSREM)	9	2025	Others	10.55041/IJSREM46681
60	Ajay Kumar Kaushik	LeafWise: AI-Powered Plant Disease Detection and Management	International Journal of Research Publication and Reviews	Vol (6)	2025	Others	

S. No	Faculty/Author	Paper Title	Journal name	Volume	Year	Indexing *	DOI
61	Ajay Kumar Kaushik	Lumpy Skin Disease Detection in Cattle: A Machine Learning and Deep Learning approach	International Journal of Research Publication and Reviews	Vol 6, Issue 4,	2025	Others	
62	Vipin Kumar Sharma	Machine Learning in Supply Chain Management	International Journal of Computer Allied Intelligence	3(2)	2025	Others	https://doi.org/10.6996/jcai.2025010
63	Dr. Ritu Gupta	Evolution, present state, and policy outlook of organic farming in India	Advances in Bioresearch (A Bimonthly Peer Reviewed International Journal of Life Sciences)	Special Issue 2024	2024	Others	10.15515/abr.0976-4585-SPL13242
64	Dr. Anju Bharti	-EXPLORING INTERVIEWEE PREFERENCES: A COMPARATIVE ANALYSIS OF VIRTUAL VS IN-PERSON INTERVIEWS	International Journal of Creative Research Thoughts	Vol 12, Issue 5	2024	Others	
65	Dr. Nishant Gaur	Impact of Influencers ,umors and Herd Behaviour on share market volatility	Opinion - International Journal of Business Mangement	Volume 5 Issue 1	2025	Others	
66	Dr. Rajiv Jain	-EXPLORING INTERVIEWEE PREFERENCES: A COMPARATIVE ANALYSIS OF VIRTUAL VS IN-PERSON INTERVIEWS	International Journal of Creative Research Thoughts	Vol 12, Issue 5	2025	Others	
67	Dr Sukhvinder Singh	Impact of Influencers ,umors and Herd Behaviour on share market volatility	Opinion - International Journal of Business Mangement	Volume 5 Issue 1	2025	Others	
68	Dr Sukhvinder Singh	The Impact of AI-Powered Search Engine Marketing Tools on Campaign Optimazation and Performance	ABS International Journal of Management	Voume XII Issue 1	2025	Others	
69	Prof Ravi Kumar Gupta	Examining the Perception of Defending Parties for the Settlement of Complaints with reference to Consumer Protection Act	European Economic Letters	Vol 15, Issue-1	2025	Others	http://eelet.org.uk
70	Dr. Bhoomi Gupta	Telecom Industry Customer Attrition Prediction with Machine Learning Approach	MAIT Journal of Science and Technology, Vol. 2(2), 2024	Vol 2	2024	Others	-

S. No	Faculty/Author	Paper Title	Journal name	Volume	Year	Indexing *	DOI
71	Ms. Sapna Gupta	Comparative Analysis of Smart Home Security Solutions	International Research Journal of Modernization in Engineering Technology and Science (IJRMETS)	6	2024	Others	https://www.doi.org/10.56726/IJRMETS61067
72	Ms. Sapna Gupta	Fraud Detection in UPI Transactions	International Journal for Multidisciplinary Research (IJFMR)	7	2025	Others	https://doi.org/10.36948/ijfmr.2025.v07i02.39194
73	Ms. Sapna Gupta	Presentation and Multimedia Control Using Hand Gestures	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	13	2025	Others	https://doi.org/10.22214/ijraset.2025.68449
74	Ms. Sapna Gupta	Peer Recommendation Model Using KNN	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	13	2025	Others	https://doi.org/10.22214/ijraset.2025.68175
75	Prof. Sunil Kumar	Impact of Miniaturization on the Self- Heating	IJSAT		2025		https://doi.org/10.22214/ijraset.2025.68798
76	Prof. Sunil Kumar	Sustainable Green IoT: Energy Harvesting for Smart Cities	IJSREM		2025		
77	Prof. Sunil Kumar	Radar Technology with MIMO-OFDM and Digital Beamforming	IJSREM		2025		
78	Prof. Sunil Kumar	Radar vs. Stealth: A Critical Analysis of Evasion and Detection Technologies in Contemporary Warfare	IJRASET		2025		
79	Prof. Sunil Kumar	AI-Powered smart building evacuation system using IOT	IRJMETS		2025		https://www.doi.org/10.56726/IRJMETS74145
80	Prof. Sunil Kumar	Remote Sensing and GIS	IJIRT		2025		
81	Prof. Sunil Kumar	Breaking Bottlenecks: CPU optimization through architectural and neuromorphic techniques	WJARR		2025		10.30574/wjarr

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82	Prof. Neelam Sharma	Breaking Bottlenecks: CPU optimization through architectural and neuromorphic techniques	WJARR		2025		10.30574/wjarr
83	Prof. M L Sharma	Privacy, Data Rights, and Cybersecurity	IJSAT		2025		
84	Prof. M L Sharma	Impact of Miniaturization on the Self-Heating Effect in MOSFET Devices	JSAT		2025		https://doi.org/10.22214/ijraset.2025.68798
85	Prof. M L Sharma	Sustainable Green IoT: Energy Harvesting for Smart Cities	IJSREM		2025		
86	Prof. M L Sharma	Radar Technology with MIMO-OFDM and Digital Beamforming	IJSREM		2025		
87	Prof. M L Sharma	Radar vs. Stealth: A Critical Analysis of Evasion and Detection Technologies in Contemporary Warfare	IJRASET		2025		
88	Prof. M L Sharma	AI-Powered smart building evacuation system using IOT	IRJMETS		2025		https://www.doi.org/10.56726/IRJMETS74145
89	Prof. M L Sharma	Remote Sensing and GIS	IJIRT		2025		
90	Prof. M L Sharma	Breaking Bottlenecks: CPU optimization through architectural and neuromorphic techniques	WJARR		2025		10.30574/wjarr
91	Mr. Ajay Kumar Garg	Impact of Miniaturization on the Self-Heating Effect in MOSFET Devices	JSAT		2025		
92	Mr. Ajay Kumar Garg	Sustainable Green IoT: Energy Harvesting for Smart Cities	IJSREM		2025		
93	Mr. Ajay Kumar Garg	Remote Sensing and GIS	IJIRT		2025		
94	Dr. Anubha Goel	Analyzing the Dual Metal Junctionless Nanotube Field-Effect Transistors for High Temperature Performances	IRJMETS		2025		https://www.doi.org/10.56726/IRJMETS74745

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95	Dr. Sunil Kumar Pandey	Revolution on Wheels: The Past, Present, and Future of Electric Vehicles	International Journal of Advance Scientific research	9	2025		
96	Ms. Vaishali	Serenify: An AI-Powered Virtual Therapist for Accessible Mental Health Support	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 13 Issue V	2025		
97	Dr. Rajiv Jain	Role of Sustainable Packaging in Customer Engagement and Firm Performance in India: An Empirical Study	Journal of Informatics Education and Research	Vol 5 Issue 1 (2025)	2025		
98	Dr. Bhoomi Gupta	Air Quality Index Prediction using Machine Learning Techniques	MAIT Journal of Science and Technology, Vol. 2(2), 2024	Vol 2	2024		-

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S. No	Faculty/Author	Paper Title	Journal name	Volume	Year	DOI	ISSN/ ISBN No.	Indexing *
1	Dr Dilsha K M	TURNING TRASH INTO TREASURE-THE BIOLEACHING SOLUTION	INTERNATIONAL JOURNAL OF SCIENCE AND SOCIAL SCIENCE RESEARCH(IJSSSR)	volume 2, issue 3	2024	18-Dec-24	2583-7877	Others
2	Dr Ritu Walia	Novel emerging concepts and applications of Quantum Cascade Lasers in research	Lat. Am. J. Phys. Educ	18	2024		ISSN 1870-9095	Others
3	Dr Ritu Walia	Physics,Novel Concepts and Technical Analysis of GaMnAs Digital Alloys	<i>International Journal of Metallurgy and Alloys</i>	10	2024	https://doi.org/10.37628/ijma.v10i2.11521	ISSN: 2456-5113	Others
4	Dr Ritu Walia	Optimization of performance parameters for carbonaceous material for lithium-ion batteries by dual ion beam sputtering (dibs) technology: A Review	i-manager's Journal on Material Science	12	2024	https://doi.org/10.26634/jms.12.3.21679	ISSN: 2347-2235	Others
5	Dr Ritu Walia	Novel Concepts and Modeling of Devices Based on Nonlinear Phase Contrast Technique	Journal of Scientific and Engineering Research	12	2025		ISSN: 2394-2630	Others
6	Dr Ritu Walia	Designing and Modeling of Giant Magnetoresistance (GMR) Materials based Devices in Electrical Power and Biomedical Systems.	Research & Reviews : Journal of Physics.	14	2025		ISSN 2347-9973	Others
7	Dr Suman Sharma	Novel concept and recent application of sprintrohics in Electrical energy harvesting and biomedical fields.	Invertis journal of renewable energy	14	2024		ISSN2454-7611	Others
8	Dr Namarta Sharma	Review of Prassannanshu's Poem "Ode to Odisha"	Glimpses	13(2)	2024		2250-0561	Others
9	Namita Gupta	Smart Disaster Response System using IoT and AI based Decision Making Algorithm	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	13	2025	https://doi.org/10.22214/ijraset.2025.69470	2321-9653	Others
10	Alok Kumar Sharma	AI-Driven Workforce Transformation with Pandemic Acceleration and Ethical Governance	International Journal of Scientific Research in Engineering and Management (IJSREM)	9	2025	10.55041/IJSREM46681	2582-3930	Others
11	Prof. Sunil Kumar	Impact of Miniaturization on the Self- Heating Effect in MOSFET Devices	JSAT		2025	https://doi.org/10.22214/ijraset.2025.68798	2321-9653	
12	Prof. Sunil Kumar	Sustainable Green IoT: Energy Harvesting for Smart Cities	IJSREM		2025		2582-3930	
13	Prof. Sunil Kumar	<u>Radar Technology with MIMO-OFDM and Digital Beamforming</u>	IJSREM		2025		2582-3930	
14	Prof. Sunil Kumar	Radar vs. Stealth: A Critical Analysis of Evasion and Detection Technologies in Contemporary Warfare	IJRASET		2025		2321-9653	
15	Prof. Sunil Kumar	AI-Powered smart building evacuation system using IOT	IRJMETS		2025	https://www.doi.org/10.56726/IRJMETS74145	2582-5208	
16	Prof. Sunil Kumar	Remote Sensing and GIS	IJIRT		2025		2349-6002	

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17	Prof. Sunil Kumar	Breaking Bottlenecks: CPU optimization through architectural and neuromorphic techniques	WJARR		2025	10.30574/wjarr	2581-9615	
18	Prof. Neelam Sharma	Breaking Bottlenecks: CPU optimization through architectural and neuromorphic techniques	WJARR		2025	10.30574/wjarr	2581-9615	
19	Prof. M L Sharma	Privacy, Data Rights, and Cybersecurity	IJSAT		2025		2229-7677	
20	Prof. M L Sharma	Impact of Miniaturization on the Self- Heating Effect in MOSFET Devices	JSAT		2025	https://doi.org/10.22214/ijraet.2025.68798	2321-9653	
21	Prof. M L Sharma	Sustainable Green IoT: Energy Harvesting for Smart Cities	IJSREM		2025		2582-3930	
22	Prof. M L Sharma	Radar Technology with MIMO-OFDM and Digital Beamforming	IJSREM		2025		2582-3930	
23	Prof. M L Sharma	Radar vs. Stealth: A Critical Analysis of Evasion and Detection Technologies in Contemporary Warfare	IJRASET		2025		2321-9653	
24	Prof. M L Sharma	AI-Powered smart building evacuation system using IOT	IRJMETS		2025	https://www.doi.org/10.56726/IRJMETS74145	2582-5208	
25	Prof. M L Sharma	Remote Sensing and GIS	IJIRT		2025		2349-6002	
26	Prof. M L Sharma	Breaking Bottlenecks: CPU optimization through architectural and neuromorphic techniques	WJARR		2025	10.30574/wjarr	2581-9615	
27	Mr. Ajay Kumar Garg	Impact of Miniaturization on the Self- Heating Effect in MOSFET Devices	JSAT		2025		2321-9653	
28	Mr. Ajay Kumar Garg	Sustainable Green IoT: Energy Harvesting for Smart Cities	IJSREM		2025		2582-3930	
29	Mr. Ajay Kumar Garg	Remote Sensing and GIS	IJIRT		2025		2349-6002	
30	Dr. Anubha Goel	Analyzing the Dual Metal Junctionless Nanotube Field-Effect Transistors for High Temperature Performances	IRJMETS		2025	https://www.doi.org/10.56726/IRJMETS74745	2582-5208	
31	Dr. Sunil Kumar Pandey	Revolution on Wheels: The Past, Present, and Future of Electric Vehicles	International Journal of Advance Scientific research	9	2025			
32	Dr. Deepika Bansal	Telecom Industry Customer Attrition Prediction with Machine Learning Approach	MAIT Journal of Science and Technology	Vol. 2(2)	2025			-
33	Dr. Deepika Bansal	Air Quality Index Prediction using Machine Learning Techniques	MAIT Journal of Science and Technology	Vol. 2(2)	2025			-

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34	Ms. Vaishali	Deep Fake Video Detection Using ResNext and LSTM	MAIT Journal of Science and Technology	Vol. 2(2)	2025			-
35	Ms. Vaishali	Blood Scene Detection in Videos Using a Hybrid HSV and Deep Learning Approach with a User-Friendly GUI	Journal of Innovations in Computer Science and Trends in IT	Vol.2, Issue 1	2025		3048-4707	J- Gate indexed
36	Ms. Vaishali	Serenify: An AI-Powered Virtual Therapist for Accessible Mental Health Support	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 13 Issue V	2025		2321-9653	
37	Ajay Kumar Kaushik	LeafWise: AI-Powered Plant Disease Detection and Management	International Journal of Research Publication and Reviews	Vol (6)	2025		ISSN 2582-7421	Others
38	Ajay Kumar Kaushik	Lumpy Skin Disease Detection in Cattle: A Machine Learning and Deep Learning approach	International Journal of Research Publication and Reviews	Vol 6, Issue 4,	2025		ISSN 2582-7421	Others
39	Vaibhav Jain	Thermodynamic Analysis of Vapour Compression Refrigeration System with Dedicated Mechanical Sub-Cooling	Tans Tech Publication		2025	In Press		-
40	Vaibhav Jain	Energy and Exergy Analysis of Vapor Compression Refrigeration System with Integrated Mechanical Subcooling Using R134a, R450a, R513a, and R515a	Tans Tech Publication		2025	In Press		-
41	Vipin Kumar Sharma	Machine Learning in Supply Chain Management	International Journal of Computer Allied Intelligence	3(2)	2025	https://doi.org/10.69996/jcaj.2025010	2584-2676	Others
42	Vipin Kumar Sharma	Exploring the Potential of 3D Printed Molds for Rapid and Affordable Prototyping of Carbon Fiber Composites	MAIT Journal of Technology	1	2024	-		-
43	SurabhiLata	A Comparative Analysis of Nanoparticle Size and Concentration of Green Synthesis-Based Silver Nanoparticles with Varying Concoction of Aloe Barbadensis Miller: A Sustainable Approach	Scientific.Net		2024			-
44	SurabhiLata	Design Optimization and Analysis of Connecting Rod in IC Engines	Scientific.Net		2024			-
45	Sumit Joshi ,	Streamlit-Powered Sentiment Analysis Web App	International Journal of Advance Research and Innovation		2025			-
46	Sumit Joshi	Analysis of Friction Stir Welding Utilizing ANSYS: A Study Based on Simulation	International Journal of Advance Research and Innovation		2025			-
47	Sumit Joshi	Exploring the Potential of 3D Printed Molds for Rapid and Affordable Prototyping of Carbon Fiber Composites	MAIT Journal of Technology		2025			-
48	Piu Jain	Structural Durability Of Hyperloop	International Journal of Structural Mechanics and Finite Elements (IJSME)	NA	2025	NA	2582-5054	Others
49	Naveen Solanki	Performance Analysis of Different Blade Profiles of Vertical Axis Wind Turbines Using Ansys CFD	International Journal of Advance Research and Innovation		2025	https://doi.org/10.51976/9d2r6f76		-

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50	Naveen Solanki	Energy and Exergy Analysis of Vapor Compression Refrigeration System with Integrated Mechanical Subcooling Using R134a, R450a, R513a, and R515a	Tans Tech Publication		2025			-
51	KanchanMudgil	Thermodynamic Analysis of Vapour Compression Refrigeration System with Dedicated Mechanical Sub-Cooling	Tans Tech Publication		2025			-
52	DeshdeepGambhir	Parametric and Predictive Analysis of Window AC System Based on VCRS	International Journal of Advance Research and Innovation		2025	https://doi.org/10.51976/w4ctwr78		-
53	Anil Gupta	Design and Analysis of fixed wing UAV Airframe	International Journal of Advance Research and Innovation	13(2)	2025	https://doi.org/10.69996/ijari.2025009	2347-3258	-
54	Rakesh ChanderSain	Design and Analysis of Custom Manually Locking Open Differential	International Journal of Advance Research and Innovation		2025	https://doi.org/10.51976/cpe sh280		-
55	Vipin Kumar Sharma	Fabrication of Micro Textures using Aluminium and Copper tool Electrode by EDM	International Journal of Advance Research and Innovation	13	2025	https://doi.org/10.51976/zch h7x92		-
56	Rakesh ChanderSain	Lithium-ion Battery and its Second Life	International Journal of Advance Research and Innovation		2025	https://doi.org/10.51976/j02 1f070		-
57	Rakesh ChanderSain	Manufacturing of Vertical Takeoff And Landing Drone	International Journal of Advance Research and Innovation		2025	https://doi.org/10.51976/zxc wyx85		-
58	Rakesh ChanderSain	Design and Manufacturing of QUADCOPTER	International Journal of Advance Research and Innovation		2025	https://doi.org/10.51976/nfk v0971		-
59	SurbhiUpadhyay	Study of design issues in MTO and MTS systems in Automobile sector	International Journal of Advance Research and Innovation		2025	https://doi.org/10.51976/mz g0rd24		-
60	Sidharth	Fabrication of Micro Textures using Aluminium and Copper tool Electrode by EDM	International Journal of Advance Research and Innovation	13	2025	https://doi.org/10.51976/zch h7x92		-
61	Rakesh Chander Sain	CAE Analysis and Material Selection for Chassis of 4-Wheel Efficycle	International Journal of Computer Aided Manufacturing (IJCAM)	NA	2025	N.A.	2456-642X	Others
62	Rakesh Chander Sain	Development of Lightweight Chassis and Efficient Drivetrain for Formula Student Applications	Journal of Automobile Engineering and Applications (JOAEA)	12	2025	https://journals.stmjournals.com/article/article=2025/vie w=227984/	2455-3360	Others
63	Rakesh Chander Sain	Design and Manufacturing of Suspension and Steering System of a F3 Vehicle	Trends in Mechanical Engineering & Technology (TMET)	15	2025	https://journals.stmjournals.com/article/article=2025/vie w=227944/	2231-1793	Others
64	Rakesh Chander Sain	Review of Dynamic wireless charging of electric vehicles	Journal of Electronics and Power Engineering (JEPE)	2	2025	https://fringe global.com/ojs/index.php/jepe/article/view/review-of-dynamic-wireless-charging-of-electric-vehicles		Others
65	Vaibhav Jain	Development of IoT based Air Conditioning Trainer Assisted with Four Way Reverse Valve	Fringe Multi-Engineering Proceedings(FMEP)	1	2025	https://fringe global.com/ojs/index.php/fmep/article/view/development-of-iot-based-air-conditioning-trainer-assisted-with-	3107-6149	Others

S. No	Faculty/Author	Paper Title	Journal name	Volume	Year	DOI	ISSN/ ISBN No.	Indexing *
66	Vaibhav Jain	Experimental Performance Evaluation of Ice Slurry Refrigeration System using PG & EG Depressants	Fringe Multi-Engineering Proceedings(FMEP)	1	2025	https://fringeglobal.com/ojs/index.php/fmep/article/view/experimental-performance-evaluation-of-ice-slurry-refrigeration	3107-6149	Others
67	Vaibhav jain	Theoretical Evaluation of Vapor compression refrigeration cycle with integrated mechanical subcooling	Fringe Multi-Engineering Proceedings(FMEP)	1	2025	https://fringeglobal.com/ojs/index.php/fmep/article/view/theoretical-evaluation-of-vapor-compression-refrigeration-cycle-	3107-6149	Others
68	Vaibhav Jain	Performance Evaluation of Vapor Compression Refrigeration System in heating and cooling mode assisted with IoT Technology	Fringe Multi-Engineering Proceedings(FMEP)	1	2025	https://fringeglobal.com/ojs/index.php/fmep/article/view/performance-evaluation-of-vapour-compression-refrigeration-syste	3107-6149	Others
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70	Kanchan Mudgal	Theoretical Evaluation of Vapor compression refrigeration cycle with integrated mechanical subcooling	Fringe Multi-Engineering Proceedings(FMEP)	1	2025	https://fringeglobal.com/ojs/index.php/fmep/article/view/theoretical-evaluation-of-vapor-compression-refrigeration-cycle-	3107-6149	Others
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72	Dr. Ritu Gupta	Evolution, present state, and policy outlook of organic farming in India	Advances in Bioresearch (A Bimonthly Peer Reviewed International Journal of Life Sciences)	Special Issue 2024	2024	10.15515/abr.0976-4585-SPL13242	EISSN- 2277-1573/ Print-0976-4585	Others
73	Dr. Anju Bharti	-EXPLORING INTERVIEWEE PREFERENCES: A COMPARATIVE ANALYSIS OF VIRTUAL VS IN-PERSON INTERVIEWS	International Journal of Creative Research Thoughts	Vol 12, Issue 5	2024		ISSN: 2320-2882	Others
74	Dr. Nishant Gaur	Impact of Influencers ,rumors and Herd Behaviour on share market volatility	Opinion - International Journal of Business Mangement	Volume 5 Issue 1	2025		ISSN 2277-4637	Others
75	Dr. Rajiv Jain	-EXPLORING INTERVIEWEE PREFERENCES: A COMPARATIVE ANALYSIS OF VIRTUAL VS IN-PERSON INTERVIEWS	International Journal of Creative Research Thoughts	Vol 12, Issue 5	2025		ISSN: 2320-2882	Others
76	Dr. Rajiv Jain	Role of Sustainable Packaging in Customer Engagement and Firm Performance in India: An Empirical Study	Journal of Informatics Education and Research	Vol 5 Issue 1 (2025)	2025		ISSN: 1526-4726 Vol 5 Issue 1 (2025)	

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77	Dr Sukhvinder Singh	Impact of Influencers ,umors and Herd Behaviour on share market voltality	Opinion - International Journal of Business Mangement	Volume 5 Issue 1	2025		ISSN 2277-4637	Others
78	Dr Sukhvinder Singh	The Impact of AI-Powered Search Engine Marketing Tools on Campaign Optimazation and Performance	ABS International Journal of Management	Voume XII Issue 1	2025		ISSN 2319-684X(Print)	Others
79	Prof Ravi Kumar Gupta	Examining the Perception of Defending Parties for the Settlement of Complaints with reference to Consumer Protection Act	European Economic Letters	Vol 15, Issue-1	2025	http://eelet.org.uk	2323-5233	Others
80	Dr. Bhoomi Gupta	Telecom Industry Customer Attrition Prediction with Machine Learning Approach	MAIT Journal of Science and Technology, Vol. 2(2), 2024	Vol 2	2024	-	-	Others
81	Dr. Bhoomi Gupta	Air Quality Index Prediction using Machine Learning Techniques	MAIT Journal of Science and Technology, Vol. 2(2), 2024	Vol 2	2024	-	-	
82	Ms. Sapna Gupta	Comparative Analysis of Smart Home Security Solutions	International Research Journal of Modernization in Engineering Technology and Science (IJRMETS)	6	2024	https://www.doi.org/10.56726/IJRMETS61067	e-ISSN: 2582-5208	Others
83	Ms. Sapna Gupta	Fraud Detection in UPI Transactions	International Journal for Multidisciplinary Research (IJFMR)	7	2025	https://doi.org/10.36948/ijfmr.2025.v07i02.39194	E-ISSN: 2582-2160	Others
84	Ms. Sapna Gupta	Presentation and Multimedia Control Using Hand Gestures	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	13	2025	https://doi.org/10.22214/ijraset.2025.68449	ISSN: 2321-9653	Others
85	Ms. Sapna Gupta	Peer Recommendation Model Using KNN	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	13	2025	https://doi.org/10.22214/ijraset.2025.68175	ISSN: 2321-9653	Others