

S.No.	Type	Authors	Title	Source Title	Academic Session	Indexing	DOI
1	Journal	Kumari Ranjana	A compact four-element electromagnetic band gap and slots-inspired ultra-wideband multiple-input-multiple-output antenna with quad-band rejection characteristics	Advanced Electromagnetics	2024-25	Scopus	https://doi.org/10.7716/aem.v14i2.2470
2	Journal	Khan Muskan	The relationship between employee engagement practices, voice and mental health: exploring the mediating role of interpersonal justice and empathetic leadership	Asia-Pacific Journal of Business Administration	2024-25	Scopus	https://doi.org/10.1108/APJBA-05-2024-0306
3	Journal	Rana Arun Kumar	A Novel Hybrid Algorithm for Fake News Detection	Digital Threats: Research and Practice	2024-25	Scopus	https://doi.org/10.1145/3728473
4	Journal	Garg Rajni	Exploration of health effects, economic impacts, and regulatory challenges for ionizing radiation: a case study in Nigeria	Discover Applied Sciences	2024-25	Scopus	https://doi.org/10.1007/s42452-025-07069-z
5	Journal	Garg Rajni	Environmental and public health risk management, remediation and rehabilitation options for impacts of radionuclide mining	Discover Sustainability	2024-25	Scopus	https://doi.org/10.1007/s43621-025-01047-6
6	Journal	Srivastava Kiran N.	Enhancing Agricultural Surveillance: An Edge-A and LoRa-Based Vision Mote System for Infrastructure-Deficient Regions	Engineering Reports	2024-25	Scopus	https://doi.org/10.1002/eng2.70243
7	Journal	Kumar Arun	Wireless body area network: Architecture and security mechanism for healthcare using internet of things	International Journal of Engineering Business Management	2024-25	Scopus	https://doi.org/10.1177/18479790251315317
8	Journal	Khan Muskan	Information technology entrepreneurs, leadership styles and employee engagement: examining mediating effect of artificial intelligence	International Journal of Entrepreneurship and Small Business	2024-25	Scopus	https://doi.org/10.1504/IJESB.2025.145861
9	Journal	Amir null	Incorporating "Flipped Classroom Model": Developing English Speaking Skills of Engineering Students		2024-25	Scopus	https://doi.org/10.18178/ijiet.2025.15.4.2276
10	Journal	Bali Vikram	A Multi-Criteria Decision-Making Framework for Blockchain Technology Adoption in Smart Healthcare	International Journal of Mathematical, Engineering and Management Sciences	2024-25	Scopus	https://doi.org/10.33889/IJMEMS.2025.10.5.070
11	Journal	Dewangan Ashish	Corrigendum to "Influence of ceiling fan induced mass flow rate to create uniform temperature distribution in a closed room: A CFD investigation" [International Journal of Thermofluids 26 (2025) 101140] (International Journal of Thermofluids (2025) 26, (S2666202725000874), (10.1016/j.ijft.2025.101140))		2024-25	Scopus	https://doi.org/10.1016/j.ijft.2025.101156
12	Journal	Dewangan Ashish	Influence of ceiling fan induced mass flow rate to create uniform temperature distribution in a closed room: A CFD investigation	International Journal of Thermofluids	2024-25	Scopus	https://doi.org/10.1016/j.ijft.2025.101140
13	Journal	Singh Brijesh	Optimization of process parameters on density and porosity of friction stir processed region of AA8090/TiH2 foam through Taguchi methodology	International Journal on Interactive Design and Manufacturing	2024-25	Scopus	https://doi.org/10.1007/s12008-025-02319-1
14	Journal	Dwivedi Smriti	Landscape on Organosilicon Compounds: Structure, Bonding and Applications	Iranian Journal of Materials Science and Engineering	2024-25	Scopus	https://doi.org/10.22068/ijmse.3663
15	Journal	Maurya Sadanand	Enhancing CZTS solar cell performance via back surface field in simulation engineering	Journal of Optics (India)	2024-25	Scopus	https://doi.org/10.1007/s12596-025-02450-y
16	Journal	Verma Pankaj Kumar	Modification in structural and optical properties of GdF3:Ho3+/Yb3+ upconversion nano particles via Zn2+ and Ca2+codoping concentration variation	Journal of Optics (India)	2024-25	Scopus	https://doi.org/10.1007/s12596-025-02461-9
17	Journal	Yadav Avinash Kumar	SZ;SZ CHLODOWSKY TYPE OPERATORS COUPLING ADJOINT BERNOULLI'S POLYNOMIALS		2024-25	Scopus	https://doi.org/10.3934/mfc.2025002
18	Journal	Mishra Asha Rani	Unveiling Emotions: NLP-Based Mood Classification and Well-Being Tracking for Enhanced Mental Health Awareness	Mathematical Modelling of Engineering Problems	2024-25	Scopus	https://doi.org/10.18280/mmep.120228
19	Journal	Kushwaha Arvinda	Cardiovascular disease detection using stacking meta-learner with pipeline machine learning	Neural Computing and Applications	2024-25	Scopus	https://doi.org/10.1007/s00521-025-11347-7
20	Journal	Kumar Sachin	Emerging EM wave sensors for non-invasive glucose monitoring: Review, techniques and developments	Sensors and Actuators Reports	2024-25	Scopus	https://doi.org/10.1016/j.snr.2025.100282
21	Journal	Aggarwal Mohit	Assessment of pollution risks posed by trace elements in the riverbed sediment of the Ganges River in Eastern Uttar Pradesh, India	Water Supply	2024-25	Scopus	https://doi.org/10.2166/ws.2025.027
22	Journal	Amir null	Investigating the Efficiency of the Rotation Model in Improving First-Year Undergraduate ESL Learners' Writing: A Quasi-Experimental Study		2024-25	Scopus	https://doi.org/10.5430/wjel.v15n2p357
23	Journal	Garg, Rajni	Valorisation of agricultural waste and their role in green synthesis of value-added nanoparticles	Environmental Technology Reviews	2024-25	Scopus	https://doi.org/10.1080/21622515.2023.2283412

24	Journal	Garg, Rajni	Transesterification of waste cooking oil using biogenic calcium oxide nano catalyst; Transesterificaci3n de aceite de cocina usado utilizando nanocatalizador de 3xido de calcio biog3nico	Revista Cubana de Farmacia	2024-25	Scopus	
25	Journal	Garg, Rajni Garg, Rishav	Biogenic synthesis of zinc oxide nanoparticles using root extract of Anacyclus pyrethrum; S3ntesis biog3nica de nanopart3culas de 3xido de zinc utilizando extracto de ra3z de Anacyclus pyrethrum	Revista Cubana de Farmacia	2024-25	Scopus	
26	Journal	Kashyap, Manju	Understanding the Limits and Regions of Exclusion in the Riemann Zeta Function: Application of Quantum Chaos	Evergreen	2024-25	Scopus	https://doi.org/10.5109/7326950
27	Journal	Mishra, R. K.	Thermal modelling of solar heating of biogas plant: a review	International Journal of Ambient Energy	2024-25	Scopus	https://doi.org/10.1080/01430750.2024.2421315
28	Journal	Sadanand	Optimization of highly efficient inorganic lead-free double perovskite solar cells via SCAPS-1D	Journal of Optics (India)	2024-25	Scopus	https://doi.org/10.1007/s12596-023-01440-2
29	Journal	Sadanand	Investigation of suitable buffer layer for PbS-TBAI/PbS-EDT colloidal quantum dot solar cell using SCAPS-1D	Optik	2024-25	Scopus	https://doi.org/10.1016/j.ijleo.2023.171593
30	Journal	Sadanand, Maurya	Attaining above 30% efficiency of PbS-based colloidal quantum dot solar cell using MoO3 and SnO2 as charge transport layers: a numerical approach	Journal of Optics (India)	2024-25	Scopus	https://doi.org/10.1007/s12596-023-01449-7
31	Journal	Tripathi, Rajesh Sadanand	Optimization of efficiency of CZTS-based solar cell through exclusive BSF layer engineering method	Journal of Physics and Chemistry of Solids	2024-25	Scopus	https://doi.org/10.1016/j.jpcs.2024.112156
32	Journal	Yadav, Avinash Kumar	Direct Approximations of Sz3/sz-Beta-Schurer Operators using Hermite Polynomial	Annals of the University of Craiova, Mathematics and Computer Science Series	2024-25	Scopus	https://doi.org/10.52846/ami.v51i2.1837
33	Journal	Garg, Rajni Garg, Rishav	Removal of contaminants from river Jakara using iron oxide nano particles prepared from Citrullus lanatus fruit waste	Journal of Hazardous Materials Advances	2024-25	Scopus	https://doi.org/10.1016/j.hazadv.2024.100450
34	Journal	Garg, Rajni Garg, Rishav	Synthesis and characterization of CaO nanoparticles from periwinkle shells for the treatment of tetracycline-contaminated water by adsorption and photocatalyzed degradation	Results in Engineering	2024-25	Scopus	https://doi.org/10.1016/j.rineng.2024.103374
35	Journal	Khan, Md Amir	Laboratory model tests and three-dimensional numerical analyses to investigate the behavior of floating granular piles in soft clay	AIP Advances	2024-25	Scopus	https://doi.org/10.1063/5.0219155
36	Journal	Bali, Vikram	Waste monitoring and management using IoT for clean and green India	International Journal of Environment and Waste Management	2024-25	Scopus	https://doi.org/10.1504/IJEW.2024.142504
37	Journal	Bali, Vikram	Design and Analysis of Microstrip Line Fed Gap Coupled Triple Band Slotted Patch Antenna for WiMAX, WLAN, and Sub-6 GHz 5G Applications	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2024-25	Scopus	https://doi.org/10.1002/inm.70005
38	Journal	Chaudhary, Vijay Shanker	Design and Optimization of Terahertz-Based D-Shaped Photonic Crystal Fiber for Blood Component Detection	IEEE Sensors Journal	2024-25	Scopus	https://doi.org/10.1109/JSEN.2024.3437245
39	Journal	Gupta, Sachi	Reconfigurable data intensive service for low latency cyber-physical systems and IoT communication	International Journal of Reconfigurable and Embedded Systems	2024-25	Scopus	https://doi.org/10.11591/ijres.v13.i3.pp491-501
40	Journal	Kaur, Inderjeet	Meta-heuristics for feature selection: a comprehensive survey and comparative analysis	International Journal of Bioinformatics Research and Applications	2024-25	Scopus	https://doi.org/10.1504/IJBR.2024.141378
41	Journal	Khakhi, Sanjay	Convolution Neural Network Based Brain Tumor Detection using MRI Scans	Communications on Applied Nonlinear Analysis	2024-25	Scopus	https://doi.org/10.52783/cana.v31.1547
42	Journal	Kumar Nath, Rajiv	Automated breast cancer diagnosis optimized with higher-order attribute-enhancing heterogeneous graph neural networks using mammogram images	Biomedical Signal Processing and Control	2024-25	Scopus	https://doi.org/10.1016/j.bspc.2024.106659
43	Journal	Kumar, Narendra P.Hemanth Yadav, Sunil Kumar	Unsupervised Machine Learning for Effective Code Smell Detection: A Novel Method	Journal of Communications Software and Systems	2024-25	Scopus	https://doi.org/10.24138/jcomss-2024-0083
44	Journal	Kumar, Sachin Mahendra	Multigraph Neural Networks for Social-Aware Session-Based Recommendation in Large-Scale Dynamic Social Computing Environments	IEEE Transactions on Computational Social Systems	2024-25	Scopus	https://doi.org/10.1109/TCSS.2024.3506633
45	Journal	Kumar, Sachin Mahendra	TinyML-Enabled Intelligent Question-Answer Services in IoT Edge Consumer Devices	IEEE Transactions on Consumer Electronics	2024-25	Scopus	https://doi.org/10.1109/TCE.2024.3417890
46	Journal	Kumar, Sachin Mahendra	Equality Test Public Key Encryption with Cryptographic Reverse Firewalls for Cloud-Based E-Commerce	IEEE Transactions on Consumer Electronics	2024-25	Scopus	https://doi.org/10.1109/TCE.2024.3405496
47	Journal	Kumar, Sunil	An African vulture optimization algorithm based energy efficient clustering scheme in wireless sensor networks	Scientific Reports	2024-25	Scopus	https://doi.org/10.1038/s41598-024-83005-2
48	Journal	Rana, Arun Kumar	Historical development of passive optical network (PON): A review	Journal of Optical Communications	2024-25	Scopus	https://doi.org/10.1515/joc-2024-0177
49	Journal	Rana, Arun Kumar Bali, Vikram Dewan, Ritu	Comprehensive analysis of services towards Data Aggregation, Data Fusion and enhancing security in IoT-based smart home	EAI Endorsed Transactions on Internet of Things	2024-25	Scopus	https://doi.org/10.4108/eetiot.6703

50	Journal	Mahato, Bidyut	Implementation of novel full-wave rectifier using second generation current conveyor (CCII)	Analog Integrated Circuits and Signal Processing	2024-25	Scopus	https://doi.org/10.1007/s10470-024-02279-8
51	Journal	Sharma, Amit Kumar	A Novel Strategic Design and Optimal Controlling of Linear Quadratic Regulator for Electric Vehicle	Journal of The Institution of Engineers (India): Series B	2024-25	Scopus	https://doi.org/10.1007/s40031-023-00943-7
52	Journal	Yadav, Mukhraj Raj	Dual loop voltage droop regulated controller for DC microgrid using hybrid PSO and GGO algorithms	Engineering Research Express	2024-25	Scopus	https://doi.org/10.1088/2631-8695/ad7d61
53	Journal	Jain, Bhavya	Technologies for non-invasive physiological sensing: Status, challenges, and future horizons	Biosensors and Bioelectronics: X	2024-25	Scopus	https://doi.org/10.1016/j.biosx.2023.100420
54	Journal	Kumar, Sachin	Compact UWB MIMO Antenna With a Modified Back Reflector and Supported by Characteristic Mode Analysis for Wireless Communication Applications	IEEE Access	2024-25	Scopus	https://doi.org/10.1109/ACCESS.2024.3510931
55	Journal	Maduri, Praveen Kumar	Inspection prioritization of gravity sanitary sewer systems using supervised machine learning algorithms	Journal of Infrastructure Preservation and Resilience	2024-25	Scopus	https://doi.org/10.1186/s43065-024-00101-3
56	Journal	Rana, Arun Kumar	Automatic machine learning model for enhanced partition and identification of breast disorders in breast MRI scan	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	2024-25	Scopus	https://doi.org/10.1080/21681163.2024.2378734
57	Journal	Pathak, Ravi Shanker	Enhanced Stroke Risk Prediction: A Fusion of Machine Learning Models for Improved Healthcare Strategies	SN Computer Science	2024-25	Scopus	https://doi.org/10.1007/s42979-024-03389-w
58	Journal	Dewangan, Ashish	Recycling waste tires into sustainable biofuel for replacing petroleum fuel in diesel engines using nanoparticles and biohydrogen	Environmental Science and Pollution Research	2024-25	Scopus	https://doi.org/10.1007/s11356-024-35400-5
59	Journal	Prasad, Rajendra	Enhancement of the Electro-Optical, Photoluminescent and Plasmonic properties of Gold Nano Particles (GNPs) doped Cholesteric Liquid Crystals Matrix	Nanofabrication	2024-25	Scopus	https://doi.org/10.37819/nanofab.009.2029
60	Journal	Kumar, Sunil	3D-DWT WITH CNN FOR HUMAN ACTIVITY RECOGNITION USING TEMPORAL AND SPATIAL FEATURES	Journal of Environmental Protection and Ecology	2024-25	Scopus	
61	Journal	Aladian, Ambikapathy	SHE PWM based 21 level inverters with hardware analysis	International Journal of Power Electronics and Drive Systems	2024-25	Scopus	https://doi.org/10.11591/ijpeds.v15.i2.pp993-1000
62	Journal	Chaudhary, Sunil Kumar	Numerical exploration and statistical analysis of mathematical parameters of anti reflecting coating on operational parameters improvement of solar cell	Communications on Applied Nonlinear Analysis	2024-25	Scopus	https://doi.org/10.52783/cana.v31.430
63	Journal	Chaudhary, Sunil Kumar Srivastava, Kiran N. Sharma, Amit Kumar	Pursuance of a passive filter for a multi-coil EV charger employing a solar connected system to enhance power quality	International Journal of Power Electronics and Drive Systems	2024-25	Scopus	https://doi.org/10.11591/ijpeds.v15.i3.pp1818-1825
64	Journal	Shahid, Mohammad	Artificial Intelligence-Powered Electric Vehicle's Battery Management System with IoT	International Journal of Intelligent Systems and Applications in Engineering	2024-25	Scopus	
65	Journal	Dhiman, Preeti Srivastava, Rishabh Singh, Riya	Autonomous Crop Prediction System using Machine Learning	Evergreen	2024-25	Scopus	
66	Journal	Kumari, Ranjana	Mutual Coupling Reduction of Super Wide Band MIMO Antenna Using Metamaterial Periodic Defected Ground Structures for THz Applications	International Journal of Integrated Engineering	2024-25	Scopus	https://doi.org/10.30880/ijie.2024.16.05.024
67	Journal	Khan, Muskan	Knowledge management positioning in the information science era: Bibliometric analysis for the time frame from 2000-2023	EAI Endorsed Transactions on Scalable Information Systems	2024-25	Scopus	https://doi.org/10.4108/eetsis.4769
68	Journal	Ghazi, Abdullah Sahrawat, Abhinav Srivastava, Devansh Yadav, Devendra	An Approach of Adaptation of Autonomous Vehicle in the Indian Smart City	Evergreen	2024-25	Scopus	
69	Journal	Kumar Arora, Pawan Kumar	Tribological Behaviour of AISI 304 Steel on Electrodeposited Hard Chrome Coated Steel	Evergreen	2024-25	Scopus	
70	Journal	Kumar Arora, Pawan Kumar	Implications of Additive Manufacturing on Supply Chain Management	Journal of Industrial Integration and Management	2024-25	Scopus	https://doi.org/10.1142/S2424862221500299
71	Journal	Sethi, A. K.	The Photovoltaic (PV) Module Performance Analysis using Artificial Neural Network (ANN)	Evergreen	2024-25	Scopus	
72	Journal	Mishra, Naveen Kumar Sharma, Sanskriti Singh, Gauransh Mishra, Rishabh Kumar	Helmet, Seat Belt and Mask Detection Using DeepLearning for Quadcopter Drone	Evergreen	2024-25	Scopus	