



Journal Publications (2024-2025) SEM 2

Sr. No.	Title of Paper	Name of Journal	Publication Month-Year	Impact Factor	Publication Link
Department of Electronics & Telecommunication Engineering					
Name of Faculty: Deepali Yewale					
1	Heart Disease Prediction Using Ensemble Methods, Genetic Algorithms, and Data Augmentation: A Preliminary Study	Journal of Robotics and Control (JRC)	May 2025	1.374	https://journal.umy.ac.id/index.php/jrc/article/view/25144/11503
Name of Faculty: Supriya Lohar					
2	Mobile Surveillance System	Journal of Emerging Technologies and Innovative Research (JETIR)	June 2025	7.95	https://www.jetir.org/view?paper=JETIR2506334
3	Pave Bot: Pothole Detection, Cement Dispensing and Leveling Robot	Journal of Emerging Technologies and Innovative Research (JETIR)	June 2025	7.95	https://www.jetir.org/papers/JETIR2506312.pdf
Name of Faculty: Nilima S. Warade					
4	IoT Sensors in a Wireless Environment for Healthcare Monitoring: A Framework for Fault Detection	Journal of Pharmacology and Therapeutics	March 2025	0.8	https://journals.sagepub.com/doi/pdf/10.1177/0976500X251324735
5	All Optical Ultrafast Switching in germanium thin film based MATamaterial	Journal of Emerging Technologies and Innovative Research (JETIR)	June 2025	7.95	https://www.jetir.org/papers/JETIR2506529.pdf
Name of Faculty: Mr R.N Jadhav					
6	Optimized Lightweight VGG16 for Effective Brain Tumor Detection and Classification	Frontiers in Health Informatics	Jan 2025	1.2	https://healthinformaticsjournal.com/index.php/IJM/article/view/6
7	Classification of Brain tumors in MRI Images using VGG19	Journal of Information System Engineering And management	March 2025		https://doi.org/10.52783/jisem.v10i13s.2114



8	LoRa Hazard Guard: A Remote-Controlled Robotic System for Safe Hazardous Material Management and Decontamination	International Journal of All Research Education and Scientific Methods (IJARESM),	June-2025,		Rahul_JadhavkIpp.pdf
Name of Faculty: C. K. Bhange					
9	Smart Indian Mango Disease Detection and Classification System	IJCRT Peer-Reviewed (Refereed) Journal as Per New UGC Rules.	May 2025	7.95	http://ijcrt.org/viewfull.php?&p_id=IJCRT2506453
Name of Faculty: H.B.Magar					
10	HTTPS Webpage Controlled DC Surveillance Robo-Car	IJCRT	June-2025,	7.97	
Name of Faculty: Vineeta Philip					
11	Parking detection and obstacle notification system	IRTMET&S	April 2025		
12	Vehicle overloading challan and alert system	IJCRT	June-2025,	7.97	
Name of Faculty: Dr. R. B. Dhumale					
13	Enhancing cyberbullying detection with advanced text preprocessing and machine learning	International Journal of Electrical and Computer Engineering (IJECE)	12/06/2025	2.1	https://ijece.iaescore.com/index.php/IJECE/article/view/37597
14	Open-Circuit Fault Diagnosis in 3 ϕ V/F-Controlled VSIs Under Variable Load Conditions at Different Frequencies Using Park's Vector Normalization and Extreme Gradient Boosting	Processes	25/04/2025	5.5	https://www.mdpi.com/2227-9717/13/5/1313
15	Optimization of PID Controllers Using Groupers and Moray Eels Optimization with Dual-Stream Multi-Dependency Graph Neural Networks for Enhanced Dynamic Performance	Energies	16/04/2025	8.1	https://www.mdpi.com/journal/energies/about
16	Open Switch Fault Diagnosis in Three-Phase Voltage Source Inverters Using Single Neuron Implementation	Processes	03/04/2025	5.5	
17	Fault Diagnosis of Voltage Source Inverter using Quadrant Transformation and Pattern Recognition	Journal of Information Systems Engineering and Management	March 2025	1.2	https://jise-m-journal.com/index.php/journal/article/view/3888/1700



Name of Faculty: Dr. Shobha Nikam					
18	Integrating Human Pose Regression with Motion Analysis and Lightweight Edge Solutions for Advanced Pedestrian Detection	SSRG International Journal of Electrical and Electronics Engineering	31/12/24		https://www.internationaljournalsssrg.org/IJEEE/2024/Volume11-Issue12/IJEEE-V11I12P108.pdf
19	Autonomous Rescue Boat using AI	Journal of Emerging Technologies and Innovative Research (JETIR)	June 2025		https://www.jetir.org/view?paper=JETIR2506274
20	Biometric Authentication and Risk Alert System for Chemical Laboratories	Journal of Emerging Technologies and Innovative Research (JETIR)	June 2025		https://www.jetir.org/view?paper=JETIR2506284
Name of Faculty: Dr. V K Bairagi					
21	A Novel Machine Learning and Sensor-Driven System for Nondestructive Detection of Jaggery Adulteration	IEEE Sensors Letters	April 2025		https://ieeexplore.ieee.org/document/10916777
22	Automated Lymph Node Classification and Gastric Cancer Segmentation in CT Images Using Advanced Segmentation Techniques	Panamerican Mathematical Journal	Dec 2024		https://internationalpubls.com/index.php/pmj/article/view/2094
23	Sign language emotion and alphabet recognition with hand gestures using convolution neural network	IAES International Journal of Artificial Intelligence	April 2025		https://ijai.iaescore.com/index.php/IJAI/article/view/26169
Name of Faculty: D. A. Itole					
24	Heterogeneous Sketch-Face Photo Recognition in Forensic Science Laboratories	SSRG International Journal of Electronics and Communication Engineering	August 2024		https://www.internationaljournalsssrg.org/IJECE/paper-details?Id=666



25	Facial Recognition of Sketch Images in Forensic Laboratories Employing Diverse Techniques	SSRG International Journal of Electrical and Electronics Engineering	May 2024		https://www.internationaljournalsssrg.org/IJEEE/paper-details?Id=709
26	Sign language emotion and alphabet recognition with hand gestures using convolution neural network	IAES International Journal of Artificial Intelligence (IJ-AI)	April 2025,		https://ijai.iaescore.com/index.php/IJAI/article/view/26169

Department of Computer Engineering					
Sr. No.	Title of Paper	Name of Journal	Publication Month-Year	Impact Factor	Publication Link
Name of Faculty: Dr.S.N.Zaware					
27	Squeeze RNN with hybrid optimization:A novel approach for heart diseases prediction using gene expression data	Intelligent Decision Technologies	Feb 2025	0.6	DOI: 10.1177/18724981241305875 https://journals.sagepub.com/doi/abs/10.1177/18724981241305875
Name of Faculty:: Dr. K. S. Wagh					
28	Identification of Ischemic and Hemorrhagic Strokes with the Aid of Machine Learning and Deep Learning ISSN : 2468-4376	Journal of Information Systems Engineering and Management	Jan 2025		
Name of Faculty::Mrs. S.P.Pimpalkar					
29	Graph residual U-Net: Automated deep learning-based road extraction using DeepGlobe dataset, cartosat-2 and sentinel-2 imagery	International Journal of Innovative Research and Scientific Studies	24 March 2025		https://doi.org/10.53894/ijirss.v8i2.5634



30	Smart Assistance and Real-Time Alert Generation for Mental Health Care Using IoT	IGI Global Book Modern Digital Approaches to Care Technologies for Individuals With Disabilities	April 2025		10.4018/979-8-3693-7560-0.ch023 (https://www.igi-global.com/chapter/smart-assistance-and-real-time-alert-generation-for-mental-health-care-using-aiot/375271)
Name of Faculty::Mrs. P. S. Gaikwad					
31	Developing Next Generation CapsNet Models for Enhanced White Blood Cell Classification in Medical Diagnostics	Journal of information systems engineering and management	2025-10(10s) page no 291		https://doi.org/10.55267/iadt https://www.jisem-journal.com/index.php/journal/article/view/1379/527
Name of Faculty:Dr.A.G.Said					
32	SmartRipen: LSTM-GRU Feature Selection & XGBoost-CNN for Fruit Ripeness Detection	Food Physics	Volume 2, September 2025, 100053		https://doi.org/10.1016/j.foodp.2025.100053
Name of Faculty:Dr. A. S. Chavan					
33	Violence Detection using Deep Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 13 Issue V May 2025	Impact Factor: 7.538	https://www.ijraset.com/research-paper/violence-detecti



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Name of Faculty: Mrs. M. P. Nerkar					
34	Identification of Ischemic and Hemorrhagic Strokes with the Aid of Machine Learning and Deep Learning ISSN : 2468-4376	Journal of Information Systems Engineering and Management	Jan 2025		https://doi.org/10.52783/jisem.v10i4s.472
Name of Faculty: Dr. C. N. Aher					
35	Optimized dense convolutional network with conditional autoregressive value-at-risk for chronic kidney disease detection through group-based search	Indonesian Journal of Electrical Engineering and Computer Science	March 2025,	-	http://doi.org/10.11591/ijeecs.v37.i3.pp2009-2020
36	Squeeze RNN with hybrid optimization: A novel approach for heart disease prediction using gene expression data	Intelligent Decision Technologies	January 2025	0.6	https://journals.sagepub.com/doi/abs/10.1177/18724981241305875
Name of Faculty: Mrs. N. S. Patil					
37	Prediction of Health hazards caused due to excess use of Steroid consumption on liver, heart and Lung of Human body	Springer Book series Intelligent Data Engineering and Analytics	30 March 2025		eBook ISBN 978-981-96-0139-4 Print ISBN 978-981-96-0138-7
Name of faculty: Mrs. M. A. Zope					
38	Developing advance deep learning layers for enhanced automatic feature extraction and higher accuracy in Alzheimer's disease classification	Journal of information systems engineering and management	2025 10(10) page 304		2468-4376 https://jisem-journal.com
Name of faculty: Mrs. S. B. Toney					
39	Image-Based Weight Estimation and Classification of Post-Harvested Indian Potato (<i>Solanum tuberosum</i>) for Efficient Automation Using Dimensional Analysis (DA) Algorithm	Potato Research	13 Feb 2025	2.3	https://link.springer.com/article/10.1007/s11540-025-09849-x



Name of Faculty: Dr.S.A.Bhosale					
40	Tomato Plant Disease Identification via Deep Learning Technique	International Journal of Image and Graphics	29 June 2024		https://www.worldscientific.com/doi/10.1142/S0219467826500075

Department of AI & DS					
Name of Faculty: Dr. R.A. Jamadar					
Sr. No.	Title of Paper	Name of Journal	Publication Month-Year	Impact Factor	Publication Link
41	AI Powered Smart Jacket Implementing Real time Scene Description and Audio Assistance	Mukt Shabd Journal	April 2025		
Name of Faculty: Ms. Pradnya D. Bormane					
42	RFID-Enabled Smart Shelves and Cart System	Journal of Communication Engineering & Systems	May-August 2025		https://irjah.com/index.php/journal/article/view/554
43	Intelligent Food System: Generative AI for Smarter, Healthier Choices	International Research Journal on Advanced Engineering Hub (IRJAEH)	March 2025		https://aismioitresearch.com/archives/volume-4-issue-2-july-december-2024/
44	Generative AI-Based Recommendation system for Healthier Food Alternatives	International Journal of Technology Engineering Arts And Mathematics Science	JULY-DECEMBER 2024		https://journals.stmjournals.com/joces/article=2025/view=210260/
45	Salt Segmentation in Seismic Imagery Using Deep Learning Techniques	International Journal of Technology Engineering Arts And Mathematics Science	JULY-DECEMBER 2024		https://aismioitresearch.com/wp-content/uploads/2025/01/IJTEAMS-4-2-4.pdf



Name of Faculty: Dr.Shagufta. Md. S. Sheikh					
46	Smart Surveillance and Crime Detection using AI	International Journal of Technology Engineering Arts Mathematics Science	Jan 2025		
47	AI-DRIVEN Dynamic Course Generation: The Role Of Llm's In Personalized Education	International Journal of Novel Research and Development	April 2025		https://ijnrd.org/track.php?r_id=305415
48	AI-Powered Resume Ranking System: Enhancing Recruitment Efficiency through Natural Language Processing	International Journal for Research Trends and Innovation	May 2025		https://ijrti.org/viewpaperforall?paper=IJRTI2505141
49	AI-DRIVEN DYNAMIC COURSE GENERATION: THE ROLE OF LLM'S IN PERSONALIZED EDUCATION	INTERNATIONAL JOURNAL OF PROGRESSIVE RESEARCH IN ENGINEERING MANAGEMENT AND SCIENCE (IJPREMS)	April 2025,		https://www.ijprems.com/uploadedfiles/paper//issue_4_april_2025/39910/final/fin_ijprems1744910906.pdf
50	Green Computing: Sustainable Development, Energy Efficiency, and IoT	International Journal for Multidisciplinary Research (IJFMR)	May-June 2025		https://www.ijfmr.com/papers/2025/3/41796.pdf
51	Empowering Learning: Crafting Educational Podcasts with GEN AI	International Journal for Research	April 2025		https://doi.org/10.22214/ijraset.2025.69144
52	Empowering Learning: Crafting Educational Podcasts with GEN AI	International Journal of All Research Education & Scientific Methods	April 2025		https://www.ijaresm.com/empowering-learning-crafting-educational-podcasts-with-gen-ai



53	Smart Surveillance and Crime Detection using AI	"INTERNATIONAL JOURNAL OF PROGRESSIVE RESEARCH IN ENGINEERING MANAGEMENT AND SCIENCE (IJPREAMS)"	April 2025		
Name of Faculty: Ms. B. D. Lambture					
54	Vehicle Number Plate Recognition using LLM aided OCR	International Journal of Technology Engineering Arts And Mathematics Science	December 2024		https://aissmsioitresearch.com/wp-content/uploads/2025/01/IJTEAMS-4-2-4.pdf
Name of Faculty: Mrs. N. A. Inamdar					
55	Facial Expression and speech pattern computing using modern techniques of computer vision	Journal of Information Systems Engineering and management(Scopus)	Jan 2025		https://www.scopus.com/authid/detail.uri?authorId=59541779600
Name of Faculty :Ms. M.B. Thorat					
56	From Words to Wonders: AI-Generated Multimedia for Poetry Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	May 2025	7.538	www.ijraset.com
Name of Faculty: Mrs. Snehal A. Bagal					
57	EFFICIENT VIRTUAL TRY-ON USING YOLOV11 POSE ESTIMATION AND GAN BASED GARMENT ALIGNMENT	INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT	3 March 2025		https://www.ijnrd.org/viewpaperforall.php?paper=IJNRD2503385
58	Virtual Try-On-Enhancing Fashion Exploration for Gen-Z	International Journal of Advance Research and Innovative Ideas in Education	2025		https://ijarjie.com/AdminUploadPdf/Virtual_Try_On_Enhancing_Fashion_Explorati



					on_for_Gen_Z_ijarief26309.pdf
Name of Faculty: Dr. D. S. Zingade					
59	Automating Machine Learning Pipeline with Large Language model	International Journal of Technology Engineering Arts And Mathematics Science	December 2024		https://aissmsioitresearch.com/wp-content/uploads/2025/01/IJTEAMS-4-2-1.pdf
Name of Faculty: Mrs. R.R.Owhal					
60	Comparative Study of Breast Cancer Prediction using CNN and ML Techniques: Benign and Malignant	International Journal of Technology Engineering Arts Mathematics Science	June 2025		1.-IJTEAMS-5-1-2.pdf
61	CyberVidya Rag Infused Cyber Solutions	International Journal of Current Science	June 2025		
62	CYBERVIDYA: Rag Infused Cyber Solutions	International Research Journal on Advanced Engineering Hub (IRJAEH)	March 2025		(PDF) CYBERVIDYA: Rag Infused Cyber Solutions
63	Talklingo: A Smart Solution for Multilingual Communication	International Research Journal on Advanced Engineering Hub (IRJAEH)	3 March 2025		(PDF) Talklingo: A Smart Solution for Multilingual Communication
64	Comparative Study of Breast Cancer Prediction using CNN and ML Techniques: Benign and Malignant	Mukt Shabd Journal	June 2025		
65	TalkLingo: The Tool for Real-Time Multilingual Interaction.	International Journal of Technology Engineering arts Mathematics Science			1.-IJTEAMS-5-1-2.pdf



Name of Faculty: Mr. Satish D. Kale					
66	GenAI_ModelHub: Generative AI Powered Data Science Automation Platform	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	May 2025		
67	A HYBRID AI POWERED SYSTEM FOR REAL-TIME SPEAKER DIARIZATION AND MEETING SUMMARIZATION	Journal of Emerging Technologies and Innovative Research	April 2025		https://www.jetir.org/authorhome
Name of Faculty: Ms. Swati Kadu					
68	Advanced retrieval Based Code Summerization using Meta Learning Techniques	Mukt Shabd Journal	April 2025		
69	Expensify AI: The AI Expense Tracker and Predictor	Mukt Shabd Journal	March 25		
Name of Faculty: Ms. Tejaswi Mangave					
70	Smart IoT Data Handling Using Deep Learning and Data Mining Approaches	Journal of Information Systems Engineering and Management	2025		

Department of Electrical Engineering					
Sr. No.	Title of Paper	Name of Journal	Publication Month-Year	Impact Factor	Link of Indexing
Name of Faculty: Dr. Ashpana Shiralkar					
71	Ensemble Learning Framework for Mango Plant Disease Detection and Classification	Journal of Information Systems Engineering and Management	Dec.2024		https://www.scopus.com/sourceid/21101116677#tabs=0
72	Web Application to Measure Box Volume for Warehouse and Logistics using ArUco Marker and Mobile Camera	Journal of Information Systems Engineering and Management	Jan. 2025		https://www.scopus.com/authid/detail.uri?authorId=57189693460
73	Enhancing Sugarcane Disease Classification Using Transfer Learning With Convolutional	SSRG International Journal of	March 2025		https://www.scopus.com/source



	Neural Network	Electronics and Communication Engineering			id/21101150690
74	Phasor Measurement Unit (PMU) Optimization in Smart Grids using Artificial Neural Network	Indonesian Journal of Electrical Engineering and Computer Science	July 2025		https://ijee.cs.iaescore.com/index.php/IJEECS/article/view/39570/19379
75	Extended State Observer based Output Feedback Control of 2 DoF Electro Hydraulic Servo System	Results in Control and Optimization Elsevier, Springer.	June 2025		
Name of Faculty: Saba Kausar M Shaikh					
76	Hybrid Attack Optimization Supported Enhanced Deep Learning to Facilitate Power System Event Detection using PMU Data	IEEE Latin America Transactions	Jan 2025	Impact factor 1.3 (Q3 Journal)	https://latamt.ieeer9.org/index.php/transactions/about
Name of Faculty: Ms. Landge S S					
77	Overview of Design of Wheel Slip Control Strategies of Antilock Braking System	SSRG International Journal of Electrical and Electronics Engineering	Dec.2024		
Name of Faculty: Dr. Vijaykumar Kamble					
78	Development of Hybrid Compensators for Enhancing Power Quality in Electrical Distribution Systems Using Innovative Optimization Techniques	INTERNATIONAL JOURNAL OF SMART GRID	March 2025	Q2	https://www.scopus.com/authid/detail.uri?authorId=58330179300
79	A Machine Learning Approach to Enhance Solar PV System Performance	Advances in Nonlinear Variational Inequalities	2025	Q4	
80	Active FilterBased Harmonics Mitigation inGrid-Connected PVSystems	Advances in Nonlinear Variational Inequalities	2025	Q4	
Name of Faculty: Dr. Vaishali Kuralkar					
81	A Machine Learning Approach to Enhance Solar PV System Performance	Advances in Nonlinear Variational Inequalities	2025		
Name of Faculty: Dr. Saurabh S. Shingare					
82	Iot Based Smart Poultry Farm:	International	March 25		



	A Promising Solution for Small Farmers	Journal of All Research Education and Scientific Methods (IJARESM)			
83	Fault Detection in Transmission Lines using Arduino Based Protection System with GSM Alerts	International Journal of Innovative Research in Science Engineering and Technology (IJIRSET)	June25		
84	Smart Prepaid Energy Meter	International Journal of Innovative Research in Science Engineering and Technology (IJIRSET)	May25		
85	Simulation-Based Framework Analysis of Electric Vehicle System and Retrofitting of Electric Motorcycle	International Journal of Advanced Research in Science, Communication and Technology	May 2025		
Name of Faculty: Mr Rajesh R. Waghulde					
86	Literature Review on Predictive Maintenance of Renewable Energy Sources Using Machine Learning	Communication And Management Journal	Jun-25		
87	Evaluating Machine Learning and Deep Learning Models for Predictive Maintenance: A Study Using the AI4I 2020 Dataset	Journal of Neonatal Surgery	2025		
88	“A Case Study on AI-Based Predictive Maintenance and Energy Optimization in Hybrid Solar-Wind Systems”, International Journal of Research and Analytical Reviews (IJRAR), ISSN:2348-1269, P-ISSN:2349-5138, May 2025, Volume 12, Issue 2	International Journal of Reserch and And Analytical Reviews (IJRAR)	May-25		



Department of Electrical Engineering					
Sr. No.	Title of Paper with ISSN	Name of Conference /Journal	Publication Month-Year	Impact Factor	URL
Name of Faculty: Dr. Meenakshi Thalor					
89	Ensemble Learning Framework for Mango Plant Disease Detection and Classification	Journal of Information Systems Engineering and Management	Dec 2024	0.233	https://www.jisem-journal.com/index.php/journal/article/view/501/165
90	Web Application to Measure Box Volume for Warehouse and Logistics using ArUco Marker and Mobile Camera	Journal of Information Systems Engineering and Management	Jan 2025	0.233	https://www.jisem-journal.com/index.php/journal/article/view/1503
91	Enhancing Sugarcane Disease Classification Using Transfer Learning with Convolutional Neural Networks	SSRG International Journal of Electronics and Communication Engineering	Mar. 2025	0.11	https://www.internationaljournalsssrg.org/IJECE/paper-details?Id=817
92	Satellite Image Analysis for Agricultural Field Forecasting Using Machine Learning	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_410.pdf
93	Dynamic Profits: Leveraging Reinforcement Learning in Evolving Financial Markets	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_412.pdf



94	Smart Parking Management Assessment Using Machine Learning Algorithms and IOT	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_447.pdf
95	Intelligent Career Guidance System for College Students to Sustain in the Emerging Job Sector	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_394.pdf
96	Harnessing AI and ML for Enhanced Cyber Defense in Electric Vehicle Security	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_398.pdf
97	Heart Disease Risk Assessment Using Machine Learning Algorithms	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_400.pdf
98	AI-Powered Image Processing for Plant Disease Detection in Viticulture	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_401.pdf
99	Weed Identification with Machine learning: A Path to Smart Farming	Journal of Engineering and Technology Management	April 2025	7.2	https://jetm.com/wp-content/uploads/36-JETM8974.pdf



100	Using an Adaptive Learning Tool to Improve Student Performance and Engagement in a University Course	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_403.pdf
101	AI in Cloud Computing: Enhancing Efficiency, Scalability, and Intelligence in Modern Infrastructure	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_537.pdf
102	AI-Based Crime Scene Simulation through 3D Image Processing and Semantic Segmentation	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_552.pdf
103	Adaptive Deep Learning for Low Resource Languages: Challenges and solutions	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V12_issue2_619.pdf
104	AI-as-a-Service (AIaaS): Making AI Accessible Through the Cloud	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_595.pdf



Name of Faculty: Dr. P. A. Patil					
105	MealMitra: An Innovative approach to food waste management in India	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper25270.pdf
106	BlockChain-based E-Voting Models	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper25300.pdf
107	Web Based Blood Bank Management System	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24887.pdf
108	Stock Analysis and Predictor System	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24962.pdf
109	Campus Hire: Simplifying Campus Placements	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper25251.pdf
110	Semantic Search for NIC codes	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper25201.pdf
111	Trendify: A smart E-commerce Platform	International Journal of Scientific research and engineering development	April, 2025		https://ijsred.com/volume8/issue2/IJSRE-D-V8I2P167.pdf



112	Travel AI: Artificial Intelligence Based Travel planning Platform	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper25231.pdf
113	Health Status Tracker dashboard: An AI driven approach to personalized Health monitoring and recommendations	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper25160.pdf
114	Smart Inventory Solutions: Leveraging AI in stationary retail management	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24871.pdf
115	Web based Crime Management System	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24963.pdf
116	Application of RAG(Retrieval-Augmented Generation) in AI-Driven Resume analysis and job matching	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper25189.pdf
117	Digital Pathways to Discovery: A QR-Driven ticketless system for Untapped tourist destination	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24958.pdf
118	Online Feedback Management System: A Digital approach of educational Improvement	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24945.pdf



119	Sport connect: Integrations of athletes and fans through smart chat	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24872.pdf
120	AI Driven predictive analytics for grocery retail: A chatbot based approach	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	March 2025	7.67	https://www.ijarsct.co.in/Paper24664.pdf
121	Enhancing online shopping experience with MERN-stack based Web Development	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24825.pdf
122	Light GBM based Machine learning approach for sales prediction	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24844.pdf
123	SUMO Simulation based carbon credit system to Incentivize Green Mobility	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24920.pdf
124	Institutional strategies for maximizing alumni network potential	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24859.pdf
125	AI Driven and NLP powered decision support system for sales forecasting	International Journal of Advanced Research in Science, Communication and Technology (IJARCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24909.pdf



126	EduTech: AI based learning platform	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24807.pdf
127	AI SQL assistant using NLP	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24850.pdf
128	Beyond Trust: Blockchain enabled transparent charity system	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24814.pdf
129	Deepfake detection using ViT_B_16 model	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April, 2025	7.67	https://www.ijarsct.co.in/Paper24824.pdf
Name of Faculty: Dr. P. P. Mahale					
130	Developing a Lightweight CNN-Based Model for Enhanced Automatic White Blood Cell Classification Using Deep Learning Techniques	Journal of Information Systems Engineering and Management	Feb 2025	0.233	https://jism-journal.com/index.php/journal/article/view/1378
131	Blood Cell Identification and count system using YOLOv5	International Journal of Scientific Development and Research	Feb 2025	9.15	https://ijsdr.org/papers/IJSDR2502050.pdf



Name of Faculty: Ms.P.M.Patil					
132	AI in Finance: Challenges, Techniques, and Opportunities	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_531.pdf
133	Enhancing Cloud Security Using BlockchainBased Authentication	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_439.pdf
134	Skin Disease Detection Using Image Processing and Machine Learning	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_440.pdf
135	AI-Enhanced Symptom Checker Using BioBERT for Disease Prediction	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_413.pdf
136	WebVision – A Multi-Model AI Approach to PrivacyPreserving Web Accessibility	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_397.pdf
137	The Impact of AI on Job Automation and Employment Trends	International Journal of Research Publicationand Reviews(IJRPR)	March, 2025	6.84	https://ijrpr.com/uploads/V6ISSUE3/IJRPR40988.pdf
138	AI-Driven Fraud Detection in Banking: A Comprehensive Approach Using Machine Learning and Data Science	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_590.pdf



Name of Faculty: Dr. R. Y. Totare					
139	Advanced Techniques in Post-Quantum Cryptography for Ensuring Data Security in the Quantum Era	Panamerican mathematical journal	Jan, 2025	0.2	https://internationalpubls.com/index.php/pmj/article/view/2097
Name of Faculty: Mr. V.J.Desai					
140	An ESP32-Based Voice Assistant Integrating Gemini AI and Mobile Speech Recognition	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April 2025	7.67	https://www.ijarsct.co.in/Paper25577.pdf
141	Hand Gesture-Based Servo Motor Control Using Edge Computing.	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April 2025	7.67	https://www.ijarsct.co.in/Paper25576.pdf
142	IoT-Based Smart Weather Station Using ESP32 for Real-Time Environmental Monitoring	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	April 2025	7.67	https://www.ijarsct.co.in/Paper24870.pdf
Name of Faculty: Mrs. Anuja Phapale					
143	Smart Agriculture Using Machine Learning	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_414.pdf
144	Smart Location Recommendation for Group Meetups: A Machine Learning Perspective	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_402.pdf
145	An Artificial Intelligence-Focused Smart Infrastructure Management Framework for Urban Cities with the Integration of Computer Vision and Predictive Analytics	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_539.pdf



146	A Framework for Non-Invasive Wearable Health Monitoring Using Flexible Biosensor Tattoos	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_408.pdf
147	Air Pollution Detection Using MQ135 and ESP3266	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_456.pdf
148	A Hybrid AI Framework for Climate Change Prediction and Mitigation Using Deep Learning and Reinforcement Learning	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_467.pdf
149	Miscellaneous Trends in it	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://ijsret.com/wp-content/uploads/2025/03/IJSRET_V11_issue2_442.pdf
150	Smart Agriculture Using Machine Learning	International Journal of Scientific Research and Engineering Trends (IJSRET)	April, 2025	2.54	https://www.irjmets.com/uploadedfiles/paper//issue_4_april_2025/72108/final/fin_irjmets1744223009.pdf
Name of Faculty: Dr. Mrunal Pathak					
151	Automated Diagnosis to Predict the Thyroid Using Machine Learning Algorithms	SSRG International Journal of Electrical and Electronics Engineering	Dec, 2024	0.9	https://www.internationaljournalssrg.org/IJEEE/2024/Volume11-Issue12/IJEEE-V11I12P129.pdf



152	Artificial Intelligence-Based Monitoring and Forecasting of Urban Air Pollution in Smart Cities	International Journal of Environmental Sciences	May, 2025	1.4	https://theaspd.com/index.php/ijes/article/view/297
153	ML-Driven Health Prediction Framework for Early Diagnosis and Patient Support	International Journal of Scientific Research & Engineering Trends	May 2025		https://ijsret.com/wp-content/uploads/1748950590_IJSRET_V11_issue3_984.pdf

Department of Applied Sciences and Engineering					
Sr. No.	Title of Paper with ISSN	Name of Journals	Publication Month-Year	Impact Factor	Publication Link
Name of the faculty: Dr. S. S. Gadadhe					
154	Challenges and Solution in Developing Solar Boats: A Comprehensive Review ISSN : 2581-9429	International Journal of Advanced Research in Science, Communication and Technology	April -2025	7.67	https://ijarsct.co.in/Paper25922.pdf
Name of the faculty: Mr. A. J. More					
155	Challenges and Solutions in Developing Solar Boats: A Comprehensive Review ISSN: 2581-9429	International Journal of Advanced Research in Science, Communication and Technology Double blind peer review	April-2025	7.67	DOI: 10.48175/IJARSCT-25922
156	Enhanced Heat Transfer (HT) in Plate and Pin Fin Heat Sinks Using Phase Change Materials (PCM-PFHS) and Geometric Modification	SSRG International Journal of Mechanical Engineering	Jan-2025		https://doi.org/10.14445/23488360/IJME-V12I1P114



	ISSN : 2348-8360				
157	Smart Rainwater Collection Systems: A Path Toward Sustainable Water Resource Management ISSN: 2582-5208	International Research Journal of Modernization in Engineering Technology & Science	March-2025	8.187	https://www.doi.org/10.56726/IRJMETS68723
158	Revolutionizing the Smart Car Systems: Embracing Industry 4.0 with AI and IoT Technology A Review ISSN: 2581-9429	International Journal of Advanced Research in Science, Communication and Technology,	April- 2025	7.67	DOI: 10.48175/IJAR SCT-25974
159	Investigating the Impact of Heating Parameters on Base Temperature Profiles and Thermal Resistance in Macro Scale Plate-Fin Heat Sinks P-ISSN: 2319-5479	The Mathematical Research Institute Journals	May-2025		https://journals.mriindia.com/index.php/ijraet/article/view/257
160	Enhancing Creative and Critical Thinking in Young Learners: Development and Evaluation of a Technology-Integrated Program	Journal Publication of International Research for Engineering & Management	Feb -2025		http://www.joirem.com/
161	Laser-Driven Smart Fence: A Novel Approach to Wildlife Deterrence in Agriculture ISSN: 2582-2233,	Journal of Advancement in Machines, MAT Journals	Jan -2025	-	https://matjournals.net/engineering/index.php/JoAM/article/view/1820
162	The Role of DC Motors and Sensor Technologies in Automated Rain Detection Clotheslines ISSN: 2582-5771	Journal of Modern Thermodynamics in Mechanical System	Jan -2025	-	https://matjournals.net/engineering/index.php/JMTMS/ar



					ticle/view /1680
163	Innovating the Portable Electronics Industry: The Promise of Paper Batteries	Journals of Mechatronics Machine Design and Manufacturing	March- 2025	-	https://majournals.net/engineering/index.php/JMMDM/article/view/1653
164	Green Manufacturing: A Pathway to Sustainable Industrial Development and Environmental Efficiency ISSN : 2231-6329	ALOCHANA	Jan -2025	-	https://doi.org/10.5281/zenodo.14739568
165	IoT-Enabled Smart Road Safety System for Accident Mitigation on Curved Mountain Roads ISSN:2582-2160	International Journal For Multidisciplinary Research	June -2025	-	https://doi.org/10.36948/ijfmr.2025.v07i03.49875
Name of the faculty: Mr. V. D. Deshmukh					
166	Simple Security Alarm System Using ESP32 and Blynk IoT App ISSN: 2582-3132	International Journal of Advanced Research in Science, Communication and Technology	May-2025	7.67	https://www.ijarsct.co.in/Paper26884.pdf
167	Development and Optimization of Solar-Powered Portable Mobile Chargers: A Review and Case Study ISSN: 2582-3132	International Journal of Advanced Research in Science, Communication and Technology	May- 2025	7.67	DOI: 10.48175/IJARSCT-26884
168	Accident Detection and Emergency Response System ISSN: 2582-3132	International Journal of Advanced Research in Science,	May -2025	7.67	DOI: 10.48175/IJARSCT-26839



Sr. No.	Title of Paper	Name of Journal	Publication Month-Year	Impact Factor	Publication Link
Communication and Technology					
Department of Instrumentation Engineering					
Name of Faculty: Amita Shinde					
169	Web Application to Measure Box Volume for Warehouse and Logistics using ArUco Marker and Mobile Camera	Journal of Information Systems Engineering and Management	January 2025	1.26	https://jism-journal.com/index.php/journal/article/view/1503/591
170	Ensemble Learning Framework for Mango Plant Disease Detection and Classification	Journal of Information Systems Engineering and Management	January 2025	1.26	https://jism-journal.com/index.php/journal/article/view/501/165
	Data Analytics for Water Pumps in the Foundry Industry	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	May 2025	7.89	https://www.ijraset.com/research-paper/data-analytics-for-water-pumps-in-the-foundry-industry
Name of Faculty: Hemant Pandurang Chaudhari					
171	Industrial Monitoring Using IoT, AR & AI for Smart Factory Operations	International Journal of Innovative Science and Research Technology	April-2025	8.223	https://www.ijisrt.com/assets/upload/files/IJISRT25-APR1872.pdf
Name of Faculty: Mrs.S.V.Kulkarni					



17	Smart Polyhouse Irrigation System	International Journal of Creative Research Thoughts	March2025	7.97	https://www.ijcrt.org/papers/IJCRT25A3341.pdf
173	Facial Emotion Recognition for TherapySession	International Journal of Modern Science and Research Technology	June2025		https://ijmsrt.com/articles/view/facial-emotion-recognition-for-therapy-sessions
174	TRAFFIC CONTROLLER LIGHT USING ARDUINO AND 7-SEGMENT DISPLAY	International Scientific Journal of Engineering and Management (ISJEM)	April 2025	7.839	https://isjem.com/download/traffic-light-controller-using-arduino-and-7-segment-display/
175	IOT-Based Home Monitoring System Using ESP 32 CAM Surveillance	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	April 2025	7.429	https://www.ijraset.com/best-journal/iot-based-home-monitoring-system-using-esp32cam-surveillance
Name of Faculty: Sagar Jagtap					
177	Smart Farming In Artificial Environment	International Journal of Creative Research Thoughts	April 2025		https://www.ijcrt.org/papers/IJCRT25A3341.pdf
Name of Faculty: Badri Narayan Mohapatra					



178	Internet Of Thing Based COVID Testing Booth	Andalasian International Journal of Applied Science, Engineering and Technology	March 2025		https://aijaset.lppm.uinand.ac.id/index.php/aijaset/article/view/73
179	UPGRADATION OF LATHE MACHINE TURN INTO MILLING MACHINE	International Journal of Creative Research Thoughts	March 2025		https://www.ijcrt.org/viewfull.php?&p_id=IJCRT25A3350



Conference Publications (2024-2025) SEM 2

Sr. No.	Name of Authors	Title of Paper	Name of the Conference	Publication Month-Year	ISSN/ISBN Number	Publication Link
Department of Instrumentation Engineering						
1	Sheetal Vijay Kulkarni,	Smart IOT Parking System with AI and AR for Space Optimization	1st Global Conference on Cognitive Computing and Communication Technology (GC4T-25) being organized by Dr.D.Y Patil School of Science & Technology, DR. D. Y. PATIL VIDYAPEETH, Pune.			
2	Sheetal Vijay Kulkarni	Personalized Patient Risk Prediction Using Multi-modal AI on EHR and Medical Imaging Data	2025 International Conference on Next Generation Information System Engineering (NGISE)	28 July2025	DOI:10.1109/NGISE64126.2025.11085208	https://ieeexplore.ieee.org/abstract/document/11085208
Department of Artificial Intelligence and Data Science						
3	Ms. P. D. Bormane	Enhanced Salt Body Segmentation in Seismic Data Using Attention-Driven UNet Models.	5th National Conference on Innovation in Engineering and Technology (NCIET 2025)			
4	Ms. P. D. Bormane	RFID Technology in Smart Shelf	5th National Conference on Innovation in Engineering and Technology (NCIET 2025)			
5	Ms.B.D.Lambture	A deep learning based approach on phishing URL detection using LLM	International Conference on Emerging Trends in Engineering and Sciences(ICETES-2025)		-	-



6	Ms.B.D.Lambture	Vehicle Number Plate Recognition using LLM aided OCR	International Conference on Emerging Trends in Engineering and Sciences(ICETES-2025)		-	-
7	Ms.B.D.Lambture	Vehicle Number Plate Recognition using YOLO with LLM Powered OCR	International conference on next GEN AI & ML 2025 (ICEGAI-2025)		-	-
8	Ms.B.D.Lambture	Integrating Grey Wolf Optimizer with U-Net for Precision Retinal Vessel Segmentation in Fundus Images	International Conference on Data Engineering and Machine Intelligence(ICDE MI 2024)		978-981-97-7616-0	
9	Ms.M.B.Thorat	An EMG Based Expert System for Detection of Wrist Flexion and Extension	3rd International Conference on Futuristic Technologies (INCOFT-2025)			
10	Ms.M.B.Thorat	To Inspire Minds:Generative Multimedia Poetry Education Using GenAI	9 th International Conference on Smart Trends in Computing and Communication (SMARTCOM)		-	-
11	Ms. Snehal Rathod	A review on Road Accident Detection: Learning Techniques and IoT based Techniques	7 th International Conference on Inventive Material Science & Applications			



12	Dr. K. S. Wagh	Identification of Ischemic and Hemorrhagic Strokes with the Aid of Machine Learning and Deep Learning ISSN : 2468-4376	Journal of Information Systems Engineering and Management	Jan 2025		
13	Dr. K. S. Wagh	Comparative Analysis of Biomarkers for Parkinson's disease	1st International Conference on AIML- Applications for Engineering & Technology (ICAET)	Jan 2025		
14	Dr. K. S. Wagh	Comparative Analysis of Biomarkers for Alzheimer's disease	2024 IEEE Pune Section International Conference	27 February 2025		
15	Mrs. S.P.Pimpalkar	Comparative Analysis of YOLOv8 and Faster R-CNN in Fire and Smoke Detection	7 th IEEE International Conference on Emerging Smart Computing and Informatics	5th – 7th March 2025		https://ieeexplore.ieee.org/document/10988212 10.1109/ESCI63694.2025.10988212
16	Mrs. S.P.Pimpalkar	Comparative Evaluation of Deep Learning based Object Detection Techniques for Aircraft Detection	International Conference on Emerging Trends and Technologies on Intelligent Systems	19- 21 March, 2025		
17	Mrs. S.P.Pimpalkar	Wild-Fire and Smoke Detection for Environmental Disaster Management using Deep Learning:	7 th IEEE International Conference on Emerging Smart Computing and Informatics	5th – 7th March 2025		https://ieeexplore.ieee.org/document/10988409 10.1109/ESCI63694.2



		Comparative Analysis using YOLO variants				025.10988 409
18	Mrs. S.P.Pimpalkar	Leveraging Social Media Data to Improve Disaster Response and Recovery Efforts Using Artificial Intelligence Techniques: A Comprehensive Review	International Conference on Advancements in Smart Computing and Information Security	2024/10/16 (Online on 12 April 2025)		https://doi.org/10.1007/978-3-031-86299-1_26
19	Mrs. S.P.Pimpalkar	Performance Analysis of a Deep Learning-Based Object Detection Approach for Post-Disaster Building Damage Level Assessment Using YOLO and Faster R-CNN	International Conference on Electrical and Electronics Engineering	First Online: 31 January 2025		https://doi.org/10.1007/978-981-97-9112-5_10
20	Mr.G.J.Navale	Comparative Analysis of Biomarkers for Parkinson's disease	1st International Conference on AIML- Applications for Engineering & Technology (ICAET)	Jan 2025		10.1109/PuneCon6341.3.2024.10895704
21	Mr.G.J.Navale	Comparative Analysis of Biomarkers for Alzheimer's disease	2024 IEEE Pune Section International Conference	27 February 2025		10.1109/PuneCon6341.3.2024.10895704



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22	Mrs.N.S.Patil	Deep Learning for Diabetic Retinopathy Detection Using Preprocessed Fundus Images and Inception v3	ESCI 2025	6 March 2025		
23	Ms.A.S.Varal	Fruit Disease Detection Using Lightweight Transfer Learning Techniques	3rd International Conference on Futuristic Technologies(INC OFT 2025)	21 Feb 2025	-	SCITEPRES S
24	Mrs. P.S.Jadhav	Exploring Strategies for Fake News Detection	2nd International Conference on Data Analytics and Insights (ICDAI-2024)			
25	Mr.S.R.Pawar	EVALUATING DEEP LEARNING APPROACHES FOR LYMPH NODE CLASSIFICATION	IEEE international national conference RMKMATE, Chennai	May 2025		
26	Mr.S.R.Pawar	AI powered Resume Pursing using Django: A smart Recruitment solution	International conference on data science and business syatem	April 2025		
27	Mr.S.R.Pawar	Smart Cargo Ship Using Arduino and IoT	International conference on data science and business syatem	April 2025		
Department of Electronics & Telecommunication Engineering						
28	Supriya Lohar	Beam space Hybrid Precoding for Rayleigh Fading MIMO-OFDM Systems	IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2025),	March 2025	Electronic ISBN:979-8-3315-2169-1 Print on Demand(PoD) ISBN:979-	



		Using Compressive Sensing and SVD	organized by IEEE MP Section and ABV-IIITM Gwalior, India on 6-8 March 2025.		8-3315-2170-7	
29	Dr. Mamta Koban	Real time Flood Prediction using Physics-Informed Neural Networks & Rainfall-Runoff Data	4th International Conference on Mobile Networks and Wireless Communications (ICMNWC-2024)	Dec. 2024		
30	Dr. Mamta Koban	Diabetes diagnosis Using Machine Learning	4th International Conference on Cognitive & Intelligent Computing (ICCIC),	29th-30th November 2024		
31	Dr. Mamta Koban	AI into Neurosurgery to streamline decision-making processes for identifying normal and abnormal lumbar spine conditions	Fourth International Conference On Computational Intelligence in Machine Learning (ICCIML)	6th Dec 2024		
32	C. K. Bhangе, Dr. S.S.Nikam	Hybrid Deep Learning Approach for Export-Grade Indian Mango Classification : Integrating RF, CNN, and CNN-FF Models	2025 International Conference on Computational Robotics, Testing and Engineering Evaluation (ICCRTEE)	28-30 May 2025	979-8-3315-9710-8	
33	Mr R.N Jadhav	Convolutional neural network architecture for tumor segmentation	Recent Trends in VLSI and Semiconductor Packaging (T&F)	6 May 2025	9.781E+12	



		identification leveraging the VGG-16 model				
34	Mr R.N Jadhav	Classification of Brain Tumors in MRI Images Using Deep Learning	Part of the book series: Communications in Computer and Information Science ((CCIS, volume 2125)) Included in the following conference series: · International Conference on Innovation and Emerging Trends in Computing and Information Technologies	28 January 2025	· Print ISBN978-3-031-80838-8 · Online ISBN978-3-031-80839-5	
35	Mr R.N Jadhav	Brain Tumor Segmentation Using the Hybrid CNN & LSTM Model	7th International Conference on Contemporary Computing and Informatics (IC3I-2024)	15 January 2025	Electronic ISBN:979-8-3503-5006-7	
36	Mr R.N Jadhav	Brain tumor detection and classification by using UU-Net with Dual Attention Mechanism	IEEE 3rd International Conference on Integrated Circuits and Communication Systems (ICICACS-2025)	24 April 2025	Electronic ISBN:979-8-3315-0845-6	
37	Mr R.N Jadhav	Sustainable Water Management in Precision Agriculture	ESCI 2025	09 May 2025	Electronic ISBN:979-8-3315-1568-3	
38	Mr R.N Jadhav	Sustainable Smart Irrigation in Precision Farming using IoT	ESCI 2025	09 May 2025	Electronic ISBN:979-8-3315-1568-3	



39	Dr.H.B.Magar	Energy-Efficient Ultra-Dense Networks: A Hybrid Deep Learning and Multi-Objective Optimization Approach	GINOTECH-2025	09 May 2025		
40	Dr V K Bairagi	Fabric Defect Detection Using EfficientNetB0 and Inception V3: A Deep Learning Approach	IEEE RAEEUCCI	23-25 April 2025	979-8-3503-9266-1	
41	Dr V K Bairagi	Evaluating Deep Learning Approaches for Lymph Node Classification and Gastric Cancer Segmentation	RMKMATE	7-8 May 2025	979-8-3315-9848-8	
42	Dr V K Patil	Comparative approach for CNN versions for FER by varying Layers and datasets	IEEE explore	2 to 4 April 2025	ISSN (0973-7529) and ISBN (978-93-80544-58-8)	
43	Supriya Lohar	Beam space Hybrid Precoding for Rayleigh Fading MIMO-OFDM Systems Using Compressive Sensing and SVD	IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2025), organized by IEEE MP Section and ABV-IIITM Gwalior, India on 6-8 March 2025.	March 2025	Electronic ISBN:979-8-3315-2169-1 Print on Demand(PoD) ISBN:979-8-3315-2170-7	
Department Electrical Engineering						



44	Dr Ashpana Shiralkar	A neural network approach for Harmonic Distortion Detection in Power System	6th International Conference on Engineering and Technology (ICET - 2025) Organised by R & D Cell Trinity College of Engineering and Research, Pune	Apr-25		
45	Ms. Kausar Shaikh Saba M	Holistic View of P-Q Characteristics of Solar PV Driven Voltage Source Converter .	5th Electric Power and Renewable Energy Conference (EPREC-2024) 24th - 26th May 2024	March 2025	ISBN 978-981-96-0103-5 ISBN 978-981-96-0104-2 (eBook)	
First Year Engineering Science						
46	Mr. A. J. More	Investigating the Impact of Heating Parameters on Base Temperature Profiles and Thermal Resistance in Macroscale Plate-Fin Heat Sinks" ISSN : 978-93-6717-843-0	12th National Conference on Emerging Trends in Engineering & Science (NCETES) JCON-2025	Jan-2025		
47	Mr. A. J. More	Study of Thermal Performance of Plate Fin Heat Sink using forced convection by varying Heat supply and Base thickness	5th National Conference on Innovation in Engineering and Technology - (NCIET 2025) AISSMS COE	08 April 2025 - 09 April 2025		
Department of Information Technology						



48	Ms. J. C. Pasalkar	AI-Powered Multi-Layered Phishing Defense Framework (AIPDF)	1st International Conference on Next Gen AI & ML: ICNGAI - 2025	25th & 26th February- 2025		https://link.springer.com/chapter/10.1007/978-3-031-90723-4_15
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