



Annasaheb Dani College of Engineering and Technology, Ashta
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Office of Dean Research, Innovation and Startups



Faculty Publication A.Y. 2024-25 – International Journals

Sr. No	Department Wise Sr.No	Faculty Name	Title of Paper	Publication Date	Publisher
Department of Mechanical Engineering					
1.	1.	Mr. S. V. Nishandar	Computational modelling and analysis of heat transfer enhancement in straight circular pipe with pulsating flow	10-11-2024	Springer
2.	2.	Dr. M. M. Jadhav	Natural Fiber Thermoplastic Composites For Mechanical And Biodegradability Properties	13-11-2024	African Journal of Biomedical research
3.	3.	Dr. A.G.Sanadi	Performance Investigation of Multiple effect Evaporator in sugar industry.	12-11-2024	Informatics Publishing Limited and Books & Journals Private Ltd.
4.	4.	Dr. A.G.Sanadi	Design & Analysis of Multiple effect Evaporator for Sugar Industry	18-12-2024	African Journal of Biomedical research
5.	5.	Dr. R.R.Gaji	Influence of Plate Thickness on the Mechanical Behaviour of Mild Steel Curved Plates: An Experimental Study	28-12-2024	Springer
6.	6.	Mrs. Priya Shinde	Non-Trivial Characteristics of Varying Thickness Battery Casing on Thermal Performance of BTMS	11-02-2025	International Journal on Science and Technology
7.	7.	Dr. M. M. Jadhav, Mr. G. B. Pawar	Enhanced biodegradability and mechanical properties in green composites: a Taguchi approach	28-12-2024	Springer
8.	8.	Dr. M. M. Jadhav	An Overview on Industrial Waste Water Submersible Pump	16-04-2025	Informatics Publishing Limited and Books & Journals Private Ltd.

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Sr. No	Department Wise Sr.No	Faculty Name	Title of Paper	Publication Date	Publisher
9.	9.	Mr. A.G.Koparde	Performance Monitoring of Water Cooled Solar Panel Using Microcontroller	06-01-2025	International Journal of Scientific Development and Research
10.	10.	Dr. R.R.Gaji	Performance Evaluation of Trapezoidal Ducts with Delta Wing Vortex Generators: An Experimental Investigation	April 2025	Informatics Journals
11.	11.	Mr. K. I. Nargatti	Flexible, Interdigitated Shape Memory Supercapacitor Based on Reduced Graphene Oxide/Nanocellulose Aqueous Ink	03-04-2025	American Chemical Society (ACS)
12.	12.	Mr. G M Chendke	Development and Evaluation of RF MEMS Switch Utilizing Bimorph Actuator Technology for Enhanced Ohmic Performance	24-06-2025	IEEE
13.	13.	Dr. A.G.Sanadi	Assessing the Impact of Exhaust Gas Recirculation on the Emission Profile of a Diesel Engine Operating on Mohua Oil: An Experimental Study	06-06-2025	Informatics Journals
14.	14.	Dr. A.G.Sanadi	Mathematical Modeling of Sugar Production: A Review	25-08-2025	Suranaree Journal of Science and Technology
15.	15.	A.M. Pirjade	Design and Development of Dynamic Vibration Absorber For Structural Vibration Control	June, 2025	IRJMETS
Department of Computer Science					
16.	1.	Dr. Amolkumar N. Jadhav	Legal Rules and Regulations Document Summarizer: Regulatory Compliance with NLP, ML, and LLMs	July-December, 2024	BPAS Publications
17.	2.	Dr.A.N.Jadhav Prof. Shrihari D. Khatawkar	Neurological Disorder Classification using Convolutional Neural Networks	24-04-2025	The International Journal of Intelligent Systems and Applications in Engineering.

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Sr. No	Department Wise Sr.No	Faculty Name	Title of Paper	Publication Date	Publisher
18.	3.	Sachin Patil	Enhancing Cloud Security by Integrating Data Masking Techniques with AWS for Effective DDoS Prevention	24-07-2025	Auricle Global Society of Education and Research
19.	4.	Arifa Shikalgar, Suhel Sayyad	An Exhaustive Survey on Privacy Preserving Machine Learning using Homomorphic Encryption and Secure Multiparty Computation Techniques		Eudoxus Press, LLC
20.	5.	Dr. Arifa Shikalgar	Hybrid Optimization and Ensemble Deep Learning Framework for Efficient Anomaly-Based Intrusion Detection in IoT Networks	12-07-2025	Springer Nature
21.	6.	Dr P L Pradhan	An Overview of the DFS on HDFS	24-07-2025	IJARSEM Publisher
22.	7.	Dr P L Pradhan, Shrihari Khatawkar	An Efficient Assessment on Fault Tolerance File System for Big Data Analytics	24-07-2025	JSEE Publisher
23.	8.	Dr P L Pradhan, Shrihari Khatawkar, Suhel Sayyad	Application of Abelian Mechanism on MOLAP for Decision Support System	24-07-2025	JSEE Publisher
24.	9.	Dr. Amol Dange	"Enhancing Anonymity and Security in Networks: A Comprehensive Analysis of Pseudonym Manager (PM) and Nymble Manager (NM)"	01-03-2025	Elsevier
25.	10.	Dr. Amol Dange	Diagnosis of pneumonia from chest X-Ray Images	06-06-2025	Journal of Emerging Technologies and Innovative Research
26.	11.	Mr. Yogesh S Lubal	IoT-Enabled Systems for Smart Monitoring of Mining Operations	26-02-2025	IJES
27.	12.	Mr. Swapnil R. Kadam	Reinforcement Learning and Genetic Algorithm-Based Approach for Load Balancing and Resource Optimization in Cloud Data Centers	25-03-2025	IJSAT Publisher

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Department of Electrical Engineering					
28.	1.	Dr. Rajendra Bhimraj Madake	Mitigate power quality issues in PV solar inverter using hybrid optimized light GBM-based controller	24-07-2025	Springer
29.	2.	Palpandian M	A novel Global maximum power extraction technique for partial shaded solar PV system	24-08-2025	Elsevier
30.	3.	Dr. M. D. Patil	Investigation of Five Level Flying Capacitor and CHB Multilevel Inverter for D-STATCOM	24-09-2025	Journal of Computational Analysis and Applications
31.	4.	Dr. M. D. Patil	Performance Enhancement of MultiLevel Inverters with PSO-ANFIS Computational Techniques	24-11-2025	Journal of Electrical Systems
32.	5.	Dr. Rajendra Bhimraj Madake	Photovoltaic inverters experimentally validate power quality mitigation in electrical systems	24-11-2025	Indonesian Journal of Electrical Engineering and Computer Science
33.	6.	Dr. Manoj D. Patil	Active Filter Based Harmonics Mitigation in Grid-Connected PV Systems	24-11-2025	Advances in Nonlinear Variational Inequalities
34.	7.	Dr. M. D. Patil	Measurement of Instantaneous Active and Reactive Power with SRF Theory	2024	Journal of Electrical Systems
35.	8.	Palpandian M	A Novel Reconfiguration Technique for Solar PV based Microgrid System.	25-01-2025	Elsevier
36.	9.	Vengadachalam. N Subha Seethalakshmi V	Optimizing electric vehicle range through hybrid SHO-HDNN technique	25-02-2025	Springer
37.	10.	Palpandian M	Performance improvement of partial shaded solar PV system using Unbalanced Adaptive Dynamic Reconfiguration technique	25-03-2025	Elsevier

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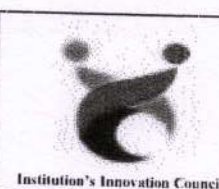
Institution's Innovation Council

Sr. No	Department Wise Sr.No	Faculty Name	Title of Paper	Publication Date	Publisher
38.	11.	Prashant Shivajirao Mali	Enhancing Electric Vehicle Performance Of Electrical Motors and Control Methods Using Machine Learning Techniques	25-03-2025	Journal of Applied Science and Engineering
39.	12.	Palpandian M	Experimental optimization of stacked solar PV panels Strategic positioning and reduced footprint for power maximization	25-04-2025	Elsevier
40.	13.	Manoj D. Patil	Performance Improvement of Smart Grid by Different Multi-Level Inverters and Techniques	25-04-2025	Journal of Mines, Metals and Fuels
41.	14.	Manoj D. Patil	Green synthesis of copper molybdate and its various application in sensing, supercapacitors and photocatalytic activity	25-06-2025	Elsevier ScienceDirect Publications
42.	15.	Manoj D. Patil	Automatic Sanitary Napkin Vending And Disposal Machine		Journal For Basic Sciences / Fangzhi Gaoxiao Jichukexue Xuebao
Department of Aeronautical Engineering					
43.	1.	S Kumar, S Murugan	Investigation of flow characteristics and velocity fields of excited two parallel plane jets	23-01-2024	AIP
44.	2.	S Yuvaraj, A Adithya, G Banu, S Srithar	Numerical and experimental investigation of airfoil derived from peregrine FALCON	01-02-2024	Elsevier
45.	3.	Kaleeswaran Periyasamy, Kadiresh Parthasarathy Natarajan	Supersonic jet noise and screech tone suppression using cross-wire	01-03-2024	SAGE Publications

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46.	4.	B Muthukutty, PS Kumar, AK Vivekanandan, M Sivakumar, S Lee, D Lee	Progress and Perspective in harnessing MXene-carbon-based composites (0-3D): synthesis, performance, and applications	01-05-2024	Elsevier
47.	5.	S Rathinavel, A Basithrahman, J Karthikeyan, T Banu, S Senthilkumar, T Sathish Senthilkumar	Chemical treatment effect on hydration and mechanical properties of basalt and Kevlar fiber-epoxy-based hybrid composites	18-07-2024	Springer Nature
48.	6.	Sanoj P. Suresh, Gatuum Choubey & Jagat Jyoti Rath	Aerodynamic Coefficient Prediction for Symmetric and Cambered Naca Airfoils Using Ensemble Regression Techniques with Hyperparameter Tuning	25-10-2024	Elsevier
49.	7.	Sanoj P. Suresh, Gatuum Choubey & Jagat Jyoti Rath	Data-Driven Optimization of Lift and Drag Prediction for Symmetric Naca Airfoils with Transfer Learning	19-11-2024	Elsevier
50.	8.	SJ Huang, V Rajagopal, S Balu, S Selvaraju, M Subramani	The Hydrogen Storage Properties and Catalytic Mechanism of the AZ31-WS2 Nanotube/Pd Composite	27-05-2025	MDPI
51.	9.	Krishnanpandi Alagumalai, Nandhini Munusamy, Shen Ming Chen, Alangadu Kothandan Vivekanandan, Shih-Hsun Chen, Mani Sivakumar, Seong-Cheol Kim, B Prakash	High-performance electrochemical sensors with SnBi ₂ O ₃ /Graphene oxide nanocomposite for selective antibiotic detection	01-06-2025	Elsevier

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52.	10.	S Kumar, S Murugan, AA Brohi, Z Ahmed	The effect of excitation frequency on the flow structure of a plane jet subject to acoustic excitation using particle image velocimetry	08-12-2024	AIP
Department of Civil Engineering					
53.	1.	B. V. Mane	Optimizing Fertilizer Production: Co-Composting Faecal Sludge With Various Bulking Agents	01-06-2025	University Of Tehran Press
54.	2.	K. K. Shinde, B. V. Mane	A Review of the Durability and Performance Assessment of Pavement Quality Concrete (PQC) Using Mineral Admixtures	01-03-2025	IJSAT
55.	3.	P. A. Mali	Estimating the Evapotranspiration Using Hybrid Artificial Intelligence Techniques in Arid and Semi-Arid Regions of India	01-03-2025	IJSAT
56.	4.	P. A. Mali	Stabilization of Black Cotton Soil By Using Waste Material For Road Construction	01-05-2025	IJSAT
57.	5.	V. A. Lande, S. S. Mohite	Comparison of Light Gauge Steel I-Section with Flange Stiffener	04-05-2025	IJFMR
58.	6.	R. A. Patil	A Review of comparative Study of Steel Sections with Strengthening under Different Loadings	01-03-2025	IJSAT
59.	7.	S. B. Khot	Bio-Enzymes: A Sustainable Solution for Strengthening Black Cotton Soil	01-05-2025	IJSAT
Department of Food Technology					
60.	1.	Dr. Anirudh G. Patil	Review Millet processing by-products: sustainable applications in food and non-food sectors"	17-06-2024	Springer Nature

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61.	2.	Dr Samasher N. Patil	Effect of potassium salt replacement on physicochemical, sensorial and microbiological properties of mango pickle.	15-03-2024	RJAS
62.	3.	Dr Samasher N. Patil	Nutritional and storage study of upvas special (fasting) value added ready-to-eat thalipeeth.	27-01-2024	ACS
Department of Department of Computer Science (IoT & Cyber Security Including Block Chain Technology)					
63.	1.	Dr. Madhav J. Salunkhe	A review on performance enhancement of Deep Learning based face detection system	23-02-2024	IJISAE
64.	2.	Dr. Tahseen A. Mulla	An Exhaustive Survey on Privacy Preserving Machine Learning using Homomorphic Encryption and Secure Multiparty Computation Techniques	19-09-2024	Eudoxus Press, LLC
Department of Artificial Intelligence & Data Science					
65.	1.	Dr. Asma Shaikh	Drone-based Reconnaissance for Paddy Leaf Disease Classification using a Superior Hybrid CNN Model: A Deep Learning Comparative Analysis	August, 2024	IJISAE
66.	2.	Dr. Asma Shaikh	Deep-feed: An Internet of Things-enabled Smart Feeding System for Pets Powered by Deep Learning	June, 2025	IJRA
67.	3.	Dr. Asma Shaikh	Android Face Recognition Based Attendance Management Application	June, 2025	IJFMR
68.	4.	Mrs.Priyanka S.Patil	Parameter Optimization for Wear Resistance of Bronze With CNT: Application of the Taguchi Method	2024	REDVET

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69.	5.	Mrs. Priyanka S. Patil	Artificial Intelligence based Revolutionary Non-Traditional Energy and Time-Saving Ghee Manufacturing Method for Dairy Industries to boost Profitability	January-February, 2025	IJFMR
70.	6.	Mrs. Amruta P. Awati	Artificial Intelligence based Revolutionary Non-Traditional Energy and Time-Saving Ghee Manufacturing Method for Dairy Industries to boost Profitability	January-February, 2025	IJFMR
71.	7.	Mrs. Amruta P. Awati	Technological Aids in Research: Catalysts for Academic Excellence	April, 2025	IJIRT
72.	8.	Priyanka P Suryawanshi	Artificial Intelligence based Revolutionary Non-Traditional Energy and Time-Saving Ghee Manufacturing Method for Dairy Industries to boost Profitability	January-February, 2025	IJFMR
Department of Basic Science					
73.	1.	Dr. Shekhar B Mali	Gamification: A Recent Trend in English Language Acquisition	February-July, 2025	Ajanta Prakashan
74.	2.	Dr. Kedar S. Joshi	'Enhancing English Speaking Skills through Artificial Intelligence: Opportunities, Tools and Future Directions'	March-April, 2025	ER Publications, New Delhi
75.	3.	Mr. L. S. Sawant	Mathematical Modeling and Optimization of Aircraft Autopilot Systems Using Linear Programming (LPP)	01-05-2025	Indian Association for Reliability and Statistics (IARS)

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76.	4.	Dr. R.R. Kuldeep	Optimizing English Integration in Multilingual Classrooms: Strategies and Challenges	01-05-2025	International Journal of Enhanced Research in Educational Development
77.	5.	Mr. K. M. Lalit	Optimizing English Integration in Multilingual Classrooms: Strategies and Challenges	01-05-2025	International Journal of Enhanced Research in Educational Development

Dr. Amol S. Dange
Dean, Research, Innovation & Startups



Dr. Laxman Y. Waghmode
Director



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Faculty Publications A.Y. 2024-25-International Conferences

Sr. No	Department Wise Sr.No	Faculty Name	Title of Paper	Publication Date	Publisher
Department of Mechanical Engineering					
1.	1.	Mr. A. A. Mohite	Smart shopping trolley Using Arduino UNO	30-10-2024	African Journal of Biomedical research
2.	2.	Mr. P. V. Mali, Mr. H. H. Patil	IOT Controlled Engine Powered Sprayer Machine	11-08-2024	Revista electrónica de Veterinaria
3.	3.	Mr. S. V. Patil	Implementation of Quality Function Deployment Technique to Identify Engineering Characteristics of Novel Low-Cost Viscous Jaggery Filling Automation System	16 th -17 th January, 2025	IEEE
Department of Computer Science & Engineering					
4.	1	Pravin More, Dr. Amolkumar N. Jadhav	Sign Language Recognition Using Hand Gestures	13 th -15 th September 2024	Association for Computational Linguistics and the Institute of Electrical and Electronics Engineers.
5.	2.	Dr. Amolkumar N. Jadhav, Mr. Pravin B. More	A Conversational AI Solution for Smart Agriculture and Enhanced Crop Performance	29 th -30 th November 2024	Springer Lecture Notes in Networks and Systems LNNS (Scopus Indexed).
6.	3.	Shrihari Khatawkar	Novel CNN Architecture for Accurate Glaucoma Detection: Evaluation and Insights	24-07-2025	IEEE (Institute of Electrical and Electronics Engineers)
7.	4.	Pravin B. More	Sign Language Recognition Using Hand Gestures	10-12-2025	IEEE (Institute of Electrical and Electronics Engineers)
8.	5.	Pravin B. More	Drugs Consumption Analysis System Using Blockchain	01-08-2025	IEEE (Institute of Electrical and Electronics Engineers)
9.	6.	Pravin B. More	Identifying Political Hate Speech using Transformer-based Approach	27-06-2025	IEEE (Institute of Electrical and Electronics Engineers)

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Sr. No	Department Wise Sr.No	Faculty Name	Title of Paper	Publication Date	Publisher
10.	7.	Niyaz Nadaf	An Architecture for Cost-Effective Deployment of Models to Transfer Style Across Images	25 th -26 th May 2024	Springer
11.	8.	Dr. Amol Dange	Ranking of Documents Through Smart Crawler	29-12-2024	Springer, Singapore
12.	9.	A R Pradnyavant	AI Integrated Predicative Models for Proactive Public Safety Engagement using Real Time Analytics to Improve Security and Emergency Response	28-12-2024	3rd International Conference on Innovative Materials and Smart Solutions for Sustainability
13..	10.	Dr. Arifa Shikalgar	Deepfake Detection using Deep Learning		AICTE-Sponsored (ICAESRTA - 2K25)
14.	11.	Dr.Anisa B Shikalgar	Sugarcane Disease Detection: A Machine Learning-Based Image Dataset for Precision Agriculture	04-09-2025	IEEE
15.	12.	Dr. Sandeep Gajanan Sutar	Cloud-Based Privacy Preservation Using AES And Data Recovery for Decision Tree Learning	29 th -30 th November 2024	Hinweis Third International Conference on Power Control and Embedded System (PCES)
Department of Electrical Engineering					
16.	1.	Arul Murugan R, Vengadachalam. N, Subha Seethalakshmi V	Performance analysis of grid integrated single stage renewable PV system	14-02-2025	AIP
17.	2.	Arul Murugan R, Vengadachalam. N, Subha Seethalakshmi V	A Formula for Effective Evaluation Practice Using Online Education Tool	December, 2024	Springer Nature
18.	3.	Arul Murugan R, Vengadachalam. N, Subha Seethalakshmi V	Effectiveness of Online Education System	December, 2024	Springer Nature
19.	4.	Arul Murugan R, Vengadachalam. N, Subha Seethalakshmi V	Dimensions of ICT-Based Student Evaluation and Assessment in the Education Sector	December, 2024	Springer Nature

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20.	5.	A. S. Ghodake	Experimental Analysis of Field Oriented Control Technique for Three Phase Induction Motor Drive in Electric Vehicles Applications	February, 2025	IEEE
21.	6.	Rajendra Bhimraj Madake	Mitigation of Power Quality Issues in Power System using Static Synchronous Compensator	April, 2024	IEEE
22.	7.	Santosh V. Patil	Effect of Defect Concentration on Photovoltaic Cell and Module Performance	22-11-2024	Springer
23.	8.	Asif L. Jamadar	Model Predictive Control Method for Vehicle -to- Grid and Grid-to Vehicle Systems		IEEE
24.	9.	Mr. Prashant Shivajirao Mali, Dr.D. Susitra	Design, Modeling, and Analysis of a Permanent Magnet Synchronous Motor (PMSM) for Electric Vehicles	April, 2024	IEEE
Department of Civil Engineering					
25.	1.	K. K. Shinde, B. V. Mane	Durability and Mechanical Performance of Fiber-Enhanced High-Performance Concrete in Acidic and Saline Exposure Conditions	27-06-2025	ICSICME-2025
26.	2.	P. A. Mali	Estimating the Evapotranspiration Using Hybrid Artificial Intelligence Techniques in Arid and Semi Arid Regions of India	27-06-2025	ICSICME-2025
27.	3.	A. N. Kolekar	Study On Pedestrian Mode Choice Behaviour in A Congested Pilgrimage Region in Pandharpur, Maharashtra, With Mixed-Age Pedestrian Traffic.	27-06-2025	ICSICME-2025

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28.	4.	K. K. Shinde	An Analysis Of Pavement Quality Concrete's Compressive Strength Utilizing Steel Fibers In Contrast To Regular Concrete	22-08-2024	ICCRIP
29.	5.	P. A. Mali	"Utilizing The Spearman (Rho) Rank Correlation Coefficient To Reduce The Defects In Construction Projects? A Case Study of Sangli District, Maharashtra"	22-08-2024	ICCRIP
Department of Computer Science Engineering(Internet of Things & Cyber Security including Block Chain Technology)					
30	1.	Dr. Tahseen A. Mulla	Enhancing Railway Line Safety and Accessibility Using Machine Learning-Based Image Processing	26-04-2025	ICARET-2025
31.	2.	Dr. Tahseen A. Mulla	Multi-disease Detection using Eye Retinal Images	26-04-2025	ICARET-2025
32.	3.	Dr. Tahseen A. Mulla	An Intelligent ML-Based Communication System for the Deaf Using Video and Vibration Feedback	26-04-2025	ICARET-2025
33.	4.	Dr. Tahseen A. Mulla	Blockchain Based Decentralized Application Securing Health Records Over the Ethereum Network using IPFS	26-04-2025	ICARET-2025
34.	5.	Mr.K.M.Dange	Heart Disease Segmentation And Classification Using 3D CT Image Reconstruction:A Comprehensive Review	09-03-2025	ICPEIS-2025
35.	6.	Mr.K.M.Dange	Helmet Detection and Alert System for Institution	13-06-2025	ICAESRTA - 2025

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Sr. No	Department Wise Sr.No	Faculty Name	Title of Paper	Publication Date	Publisher
36.	7.	Dr.M.J. Salunkhe	AI-Enhanced Analysis of Transformational Leadership's Impact on CSR Participation.	09-06-2025	IEEE International conference on Next Generation Communication & Information Processing (INCIP-2025)
37.	8.	Dr.M.J. Salunkhe	Quantum Enhanced Iris Biometrics Advancing Privacy and Security in Healthcare Systems.	28-07-2025	IEEE International conference on Next Generation Information System Engineering (NGISE-2025)
38.	9.	Dr.M.J. Salunkhe	Machine Learning for Cardiovascular Disease Prediction: A comparative Analysis of Models.	October,2025	A Springer International Conference on Evolutionary Artificial Intelligence (ICEAI 2024)
39.	10.	Mrs. Madhuri J S	Machine Learning Approach To Object Detection For Free Path Navigation	2025	ICARET- 2025
40.	11.	Mrs. Madhuri J S	IoT- Enabled Smart Parking System with Real-Time Image Processing and Mobile Integration Using Raspberry Pi	2025	ICARET- 2025
41.	12.	Mrs A.R.Patil	Blockchain Based Decentralized Application Securing Health Records Over the Ethereum Network using IPFS	2025	ICARET- 2025
42.	13.	Ms Vaishali G Waghmode	Machine Learning Approach To Object Detection For Free Path Navigation	2025	ICARET- 2025
43.	14.	Ms Vaishali G Waghmode	Multi-disease Detection using Eye Retinal Images	2025	ICARET- 2025
44.	15.	Ms Vaishali G Waghmode	An Intelligent ML-Based Communication System for the Deaf Using Video and Vibration Feedback	2025	ICARET- 2025

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Sr. No	Department Wise Sr.No	Faculty Name	Title of Paper	Publication Date	Publisher
45.	16.	Mr Samish N Kamble	Blockchain Based IOT Authentication for IOT Devices	13-06-2025	ICAESRTA - 2K25
Department of Artificial Intelligence & Data Science					
46.	1.	Dr. Asma Shaikh	Floor detection and door operation in lift using computer vision	September, 2024	International Conference on Globalization and intelligent Educational technology
47.	2.	Dr. Asma Shaikh	Water Sewage tank level monitoring system	September, 2024	International Conference on Globalization and intelligent Educational technology
48.	3.	Mr. V. N. Honmane	Drugs Consumption Analysis system using Block-Chain	August, 2025	IEEE International Conference on Artificial Intelligence and Emerging Technologies(ICAIET), India

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Faculty Publications A.Y. 2024-25-National Journals

Sr. No	Department	Faculty Name	Title of Paper	Publication Date	Publisher
1.	Computer Science & Engineering	Dr. Amolkumar N. Jadhav	An Optimized Way for Implementation of Round-Robin Algorithm for Process Scheduling	December 2025	ISTE, New Delhi

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Faculty Publications A.Y. 2024-25 – National Conferences

Sr. No	Department	Faculty Name	Title of Paper	Publication Date	Publisher
1.	Computer Science & Engineering	Dr. Amolkumar N. Jadhav	Privacy Management in Cloud Computing Using Homomorphic Encryption: A Comprehensive Framework	17-04-2025	Springer Nature
2.	Artificial Intelligence & Data Science	Dr. Asma Shaikh	Intrusion Detection system for IOT devices	March, 2025	National Conference on Artificial Intelligence: Innovations and Applications
3.		Dr Krishnakumar	Online University Using AI	April, 2025	National Conference on Artificial Intelligence: Innovations and Applications

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Faculty Publications A.Y.- 2024-25- Book Chapters

Sr. No	Department	Faculty Name	Title of Paper	Publication Date	Publisher
1.	Computer Science & Engineering	Ms Ashvini A. Todkar	Applied Neural Networks in AI Era, Chapter 11: The Synergy of AI and Animal Communication	01-05-2025	IGI Global Scientific Publishing
2.	Electrical Engineering	Arulmurugan, R	Renewable Energy Outlook in India: An Analysis	January, 2025	IGI Global Scientific Publishing
3.	Basic Science	Mr.M.R Mulla	Transnationalism And Its Influences on Indian Society	January-June, 2025	International interdisciplinary Research Journal

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Faculty Publications A.Y.- 2024-25- Books

Sr. No	Department	Faculty Name	Title of Paper	Publication Date	Publisher
1.	Electrical Engineering	Ms. Vidya Sampatrao Patil	Laboratory Manual for "Analog Electronics": A handbook for Electrical & Electronics Engineering Students		Kindle Direct Publishing
2.		Dr. Manoj Dhondiram Patil, Mr. Pandurang D. More, Mr. Rajendra Bhimraj Madake	Electrical Machines Laboratory Manual: A Practical Guide for DC Machines, Transformers and AC Machines	2025	Paperback, Independently published on Amazon, 72 pages, First Edition, 2025,
3.		Dr. Manoj Dhondiram Patil, Mr. Pandurang D. More, Mr. Rajendra Bhimraj Madake	Electrical Machines Laboratory Manual: A Practical Guide for DC Machines, Transformers and AC Machines	2025	Kindle eBook, Amazon Kindle Direct Publishing (KDP), Independently published on Amazon, 108 pages, First Edition, 2025



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