

KJ's Educational Institute
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Faculty Research Publications : Journals & Conferences

Sr. No.	Name of Author/s	Title of the Paper	Title of the Proceeding/	Name of the conference and Organized by with Dates/ Journal/ISSN	Name of Department
1	Dr. N. J. Kulkarni	Agentic AI-Driven Hybrid Learning Framework for Human Decision-Making Detection from EEG Signals	International	ISTE Global TechCon 2026	Computer
2	Dr. Suhas Khot	Development of Optimized Ensemble Machine Learning Model through XGBoost and Random Forest for UPI Fraud Detection	International	International Conference on Information and Communication Technology for Intelligent Systems	Computer
	Dr. Nikita Kulkarni,				
	Geetanjali Bansod				
	Dr. Shankar Amalraj				
3	Prof. Ashwini Kamble	International Research Journal of Modernization in Engineering Technology and Science	International	Bank Locker Security System with Face and Liveness Detection	Computer
4	Ms. Swati Jadhav	International Journal of Engineering Development and Research	International	A Multimodal AI-Powered Communication System Using Deep Learning and Natural Language Processing	Computer
5	Dr. Pramod U. Chavan	Augmenting Robotic Navigation: An Analytical Examination of X-Y with Yaw Tolerance Modulation within ROS2 and the Dynamic Window Paradim using fusion	Journal of Information Engineering System & Management	Scopus	E&TC
6	Dr. Pramod U. Chavan	Optimizing Precision and Operational Efficiency in Object Manipulation: A Novel Algorithmic Paradigm for the UR-3 Robotic Arm Integrated	Journal of Information Engineering System & Management	Scopus	E&TC
7	Dr. Pramod	Development of an IoT- Enabled Hybrid Architecture for Smart Cloth Drying	3rd International Conference On Innovative Trends In Engineering and	International	E&TC
8	Dr. R.G. Zope	Telemedicine Kit for Remote Health Monitoring	3 rd ICITET 2025	International Conference	E&TC
9	Prof. P. S. Gham	Wheelchair With voice and gesture control for people with	3 rd ICITET 2025	International Conference	E&TC
10	Prof. Vivek Ghanekar	IoT-Enabled Energy Meter for Real-Time Electricity Monitoring and	3 rd ICITET 2025	International Conference	E&TC
11	Dr. R.G. Zope	Automated Irrigation System For Smart farming	3 rd ICITET 2025	International Conference	E&TC
12	MS. Swapnali Dhumake	Integrating DWT And SIFT Based Copy Move Image	3 rd ICITET 2025	International Conference	E&TC
13	Prof. Shilpa Kale	Integrating DWT And SIFT Based Copy Move Image	3 rd ICITET 2025	International Conference	E&TC
14	Ms. Swapnali Dhumake	Deep learning assisted	3 rd ICITET 2025	International Conference	E&TC
15	Prof. S. J. Kale	Intelligent Transport Monitoring System Using Raspberry Pi	3 rd ICITET 2025	International Conference	E&TC
16	Dr. R.G. Zope	Kalman Filter-Based Channel Impulse Response Estimation for DS-CDMA Systems over Multipath Fading Channels Using Various Modulation	3 rd ICITET 2025	International Conference	E&TC
17	Prof. Sabiha Perveen	Kalman Filter-Based Channel Impulse Response Estimation for DS-CDMA Systems over Multipath Fading Channels	3 rd ICITET 2025	International Conference	E&TC
18	Prof. P. S. Gham	Kalman Filter-Based Channel Impulse Response Estimation for DS-CDMA Systems over Multipath Fading Channels Using Various Modulation	3 rd ICITET 2025	International Conference	E&TC
19	Prof. P. S. Gham	Early Parkinson's Disease Identification Through Machine Learning Techniques	3 rd ICITET 2025	International Conference	E&TC
20	Dr. R. G Zope	Early Parkinson's Disease Identification Through Machine Learning Techniques	3 rd ICITET 2025	International Conference	E&TC
21	Prof. Vivek Ghanekar	IoT-Based Real Time Smart	3 rd ICITET 2025	International Conference	E&TC
		Waste Management System with AI Waste Segregation			



22	Prof. Vivek Ghamekar	Optimizing Embedded Communication networks with AI: Trends, Challenges, and Future Directions	ISTE: The Indian Journal of Technical Education	International Conference	E&TC
23	Prof. Shilpa Kale	Optimized Segmentation model and innovative approach for Alzheimer disease detection	ISTE: The Indian Journal of Technical Education	International Conference	E&TC
24	Dr. Pramod Chavan	Evaluating Classical and Deep Learning Models for Osteoarthritis Diagnosis Using Medical Imaging	ISTE: The Indian Journal of Technical Education	International Conference	E&TC
25	Dr. Pramod Chavan	An Analytical Study of Consumer Behaviour and Satisfaction towards Harvester Machines 269 in Satara District	ISTE: The Indian Journal of Technical Education	International Conference	E&TC
26	Dr. R. Gawade	ARD-CHP: AN ADAPTIVE RESIDUAL-DISTANCE CLUSTER-HEAD PROTOCOL FOR ENERGY-EFFICIENT WIRELESS SENSOR NETWORKS	International Journal of Applied Mathematics	International Conference	E&TC
27	Dr. R. Gawade	Low Power Innovations in Wireless Sensor Networks: A Systematic Review of Energy Aware Technologies	JOURNAL OF APPLIED BIOANALYSIS,	International Conference	E&TC
28	Prof. Poonam Gham	Dietary Monitoring with Deep Learning and Computer Vision	2025 International Conference on Computing Technologies and Data Communication (ICCTDC)	International Conference	E&TC
29	Prof. Devendra Goyar	Performance Comparison of MPPT algorithm using P&O, INC and ANN Based Tracking	Journal of Information Systems Engineering and Management 2025, 10(37-s) e-ISSN: 2468-437.	International Conference	Electrical
30	G. S. Patil	Refractance Window Dryer Using Solar Auxiliary Heating System for Food Drying: A Review Article	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	International Conference	Mechanical
31	S. Suman	Application of Heat Removal In automobiles	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	International Conference	Mechanical
32	S. Suman	Using Al ₂ O ₃ Nano Particles	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	International Conference	Mechanical
33	S.T. Dudbhate	Applications of 3D Printing in the Automobile Industry Experimental Investigations on a Light Weight Material for Vehicle Frontal Bumper	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	International Conference	Mechanical
34	Dr. Sumita P. Deshmukh	Comprehensive Study of economic Investment in solar power plant using CuO AL ₂ O ₃ Nanofluid Cooling mechanisms	Elsevier	International	VLSI
35	Prof. Prakash P. Malvadkar	AI Integrated Autonomous Robotics Navigation	Journal of Information System and Management 2468-4376	International	VLSI
36	Dr. Sumita P. Deshmukh	Leadership and Strategic Management	NOLEGEIN Journal	International	VLSI
37	Prof. Rahimraja G. Shaikh	Telenedicine Kit for Remote Health Monitoring	ICITET 2025	National	VLSI
38	Prof. Prakash P. Malvadkar	Hexamethylenedimine functionalized graphene oxide: a promising and supporting carbonaceous electrode material in super capacitor	Journal of material science	International	VLSI
39	Prof. Prakash P. Malvadkar	Li-Ion battery recycling	ewable and Sustainable energy: 1879-06	International	VLSI
40	Shaveta Thakral	Intelligent Spectrum Utilization: Challenges & Opportunities in Cognitive Radio Networks	SCOPUS Indexed Springer LNNS. ISSN: 2367-3370, Series	10th International Conference on ICT for Sustainable Development ICT4SD 2025(17-19 July 2025)Global Knowledge Research Foundation	ACT
41	Shaveta Thakral	Enhancing Data Security through Advanced Scrambling Techniques: A Contemporary Approach	SCOPUS Indexed Springer Book Series, "Lecture Notes in Networks and Systems"	6th International Conference on Data Science and Applications	ACT
42	Shaveta Thakral, Neha Shahare	Integrated Lift-Toilet System for Enhanced Accessibility in	SCOPUS Indexed Springer Series	4th WORLD CONFERENCE ON	ACT
43	Shaveta Thakral	Montgomery Multiplier and its applications in Cryptographic and High Speed Arithmetic Circuits	SCOPUS Indexed Springer Book Chapter	3 rd International conference: Technological Innovation in Multidisciplinary Engineering & Sciences (TIMES 2025)The NORTHCAP University(11-12 Sep 2025)	ACT
44	Shaveta Thakral	An Intelligent Traffic Density-Based Control System Using Real Time Sensing and Adaptive Signal Timing	SCOPUS Indexed Springer Book Chapter	3 rd International conference: Technological Innovation in Multidisciplinary Engineering & Sciences (TIMES 2025)The NORTHCAP University(11-12 Sep 2025)	ACT
45	Neha Shahare	Exponential Spider Wasp-Optimized Deep Learning Model for Type-2 Diabetes Detection Using Gene Expression Data	SCOPUS Indexed International Journal of Electronics and Communication Engineering	vol. 12, no. 6, pp. 54-64, 2025, ISSN: 2348-8549	ACT
46	Neha Shahare	Open-Circuit Fault Diagnosis in ϕ V/F-Controlled VSIs Under Variable Load	MDPI SCOPUS Indexed	Processes 2025, 13, 1313.	ACT
47	Neha Shahare	Design and deployment of cryptographic systems for quantum-secure cloud applications	SCOPUS Indexed Journal of Discrete Mathematical Sciences and Cryptography	ISSN:0972-0529,	ACT

