KPR Institute of Engineering and Technology

Department of Electrical and Electronics Engineering

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ACADEMIC YEAR 2025-2026

Publications details-Conferences

S.No	Author Name	Title of the Paper	Name of the Journal / Conference	Volume No, Issue No Month & Year	Indexing	Online Link of the paper
1.	Mohana Sundaram K	Design and Simulation of Integrated System Behavior for Dynamic Load Change Using ETAP	2025 Second International Conference on Cognitive Robotics and Intelligent Systems (ICC - ROBINS)	June 2025	Scopus	https://ieeexplore.ieee.org/document/11086225/authors
2.	Kamalkumar V	VLSI Architectures for AI Accelerators	2025 International Conference on Frontier Technologies and Solutions (ICFTS)	March 2025	Scopus	https://ieeexplore.ieee.org/document/11031526
3.	Chandrika V S	Smart Grids and AI Innovations for Efficient Energy Distribution and Consumption	2025 Global Conference in Emerging Technology (GINOTECH)	May 2025	Scopus	https://ieeexplore.ieee.org/abstract/document/11076799
4.	Pazhanimuthu C	Hybrid Deep Learning and Gen AI–based Remedy System for Leaf Disease Detection in Camellia Sinensis Var. Sinensis (Tea) for Precision	International Conference on Inventive Research in Computing Applications (ICIRCA)	June 2025	Scopus	https://ieeexplore.ieee.org/document/11089866
5.	Pazhanimuthu C	Design and Performance Analysis of BLDC Hub Motor for Light Electric Vehicles	International Conference on Inventive Research in Computing Applications (ICIRCA)	June 2025	Scopus	https://ieeexplore.ieee.org/document/11089825
6.	Pazhanimuthu C	Real-Time Monitoring and Optimization of Two-Wheeler Battery Life	International Conference on Inventive Research in Computing Applications (ICIRCA)	June 2025	Scopus	https://ieeexplore.ieee.org/document/11089879
7.	Ravindran S	Artificial intelligence in photovoltaics to transform solar energy to greater efficiency and scalability	2025 IEEE North-East India International Energy Conversion Conference and Exhibition.	July 2025	Scopus	https://doi.org/10.1109/NE-IECCE64154.2025.11182897
8.	Ravindran S	Enhanced wind turbine optimization through ultrasonic anemometry and real-time environmental analysis	2025 IEEE 2nd international conference on information technology, electronics and intelligent communication system (ICITIEICS)	August 2025	Scopus	https://doi.org/10.1109/ICITEICS64870.2025.11341310

9.	Ravi Kumar P	Factors Affecting Predicting Teacher Evaluation in Higher Educational Institutions Among Faculty Members based on SA-BiLSTM	2025 International Conference on Intelligent Computing and Knowledge Extraction (ICICKE)	June 2025	Scopus	https://ieeexplore.ieee.org/document/11136199
10.	Mohana Sundaram K	Radio Frequency Identification Based Real Time Access Control System Using With User Logging and Database Management	10th International Conference on Communication and Electronics Systems ICCES 2025	October 2025	Scopus	https://ieeexplore.ieee.org/document/11336906
11.	Ravindran S	Fault classification and location in transmission lines using attention driven dual-stage deep architecture network (ADDA-Net)	25th International conference on Signal processing, computation, electronics, power and telecommunication (IConSCEPT 2025) & NIT Puducherry, Karaikal	December 2025	Scopus	https://doi.org/10.1109/IConSCEPT66142.2025.11437345
12.	Ravindran S	IoT and AI-Enhanced Autonomous Fire-Fighting Robot with real-time Hazard monitoring	9th IEEE International Conference on Computational sysytem & Information Technology for Sustainable Solutions (CSITSS-2025) & RV College of Engineering, Bengaluru	November 2025	Scopus	https://ieeexplore.ieee.org/document/11294288
13.	Baranilingesan I	Smart IoT Enabled MPPT Solar Photovoltaic System	2025 6th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS),Bengaluru, India	December 2025	Scopus	https://ieeexplore.ieee.org/document/11315717
14.	Mohana Sundaram K	Sustainable Manufacturing of High-Performance Ternary Geopolymer Composites Using Multi-Source Waste for Energy-Efficient Buildings	4th International Conference on Sustainable Technologies and Advances in Automation, Aerospace and Robotics (STAAAR 2025)	March 2026	Scopus	https://doi.org/10.1051/epjconf/202635505006
15.	Saravanan G Pazhanimuthu C	A Synergistic Approach to PID Control in Buck Converters with Red Panda and Lyrebird Optimization Algorithms	Second International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems (iTech SECOM)	October 2025	Scopus	https://ieeexplore.ieee.org/abstract/document/11307462
16.	Mohana Sundaram K	Machine Learning Base Bone Density Detection Using T-Score	2026 7th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI)	January 2026	Scopus	https://ieeexplore.ieee.org/abstract/document/11412670
17.	Chandrika V S	Energy Efficiency Enhancement in Wind-Powered Pumping with TBRC MPPT Integration	6th International Conference on Smart Electronics and Communication (ICOSEC)	April 2026	Scopus	https://ieeexplore.ieee.org/document/11459571
18.	Chandrika V S	NeuroSymbolic AI Framework for Interpretable STEM Tutoring Systems	2026 International Conference on Visual Analytics and Data Visualization (ICVADV)	April 2026	Scopus	https://ieeexplore.ieee.org/document/11469882
19.	Mohamed Ibrahim A	AI Driven Adaptive Alert Validation: Preventing Cross-Region False Alarms in Emergency Systems	International Conference on Emerging Technologies and Future Innovations (ETFI)	February 2026	Scopus	https://ieeexplore.ieee.org/document/11484546

20.	Pazhanimuthu C	Machine Learning-based Predictive Maintenance for Utility-Scale PV Plants	International Conference on Inventive Research in Computing Applications (ICIRCA)	June 2026	Scopus	https://ieeexplore.ieee.org/document/11570320

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