



K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215
(Autonomous)

Department of Electrical and Electronics Engineering

SCOPUS INDEXED INTERNATIONAL CONFERENCE PAPER PUBLISHED

Academic Year 2025-26

S.No	Name of the teacher	Title of the paper	Title of the proceedings of the conference	Year of publication	ISBN/ISSN number of the proceeding
1.	Thiyagarajan Jayaraman, M. Shakunthala, T. Jayakumar & M. Vijayakumar	Coding Performance Analysis of Deep Rain Streaks Removal Convolutional Neural Network Based In-Loop Filtering for High Efficiency Video Coding	International Conference on Computer Vision and Image Processing	July 2025	978-3-031-93694-4
2.	R. Jeyabharath; Lovely Sabat; Manikannan K; Abhinav Shrivastava; Hardik Patel; S. Natrayan L	Adaptive Electric Vehicle Charging Scheduling in Smart Grids: A Giant Trevally Optimizer-based Approach for Minimizing Total Costs	2025 7th International Conference on Inventive Material Science and Applications (ICIMA)	July 2025	979-8-3315-2151-6
3.	Meenatchi K; Veena P; Ganesh Prabhu S; Niyamathulla K; Ranjith M S; Sudesh S T	High Efficiency Monocrystalline Solar Panel for Sustainable Mobile Charging	2025 7th International Conference on Inventive Material Science and Applications (ICIMA)	July 2025	979-8-3315-2151-6
4.	A. Vasanthi; E. Vani; K. Lakshmi; Kavinnath S; Moumitha P; Giri Prasath R	An Intelligent Energy Management Strategy for Electric Hybrid Vehicle to Optimize Fuel Consumption	2025 International Conference on Computing Technologies (ICOCT)	August 2025	9798331527945
5.	K Lakshmi, A Vasanthi, E Vani, B Dhinakar, P Kavin, M Megavarshini	NextGen Wireless Charging: Renewable Energy Based Multi-port Device Charging with Secured Authentication using IOT	2025 International Conference on Computing Technologies (ICOCT)	August 2025	9798331527945
6.	M. Vijayakumar; V. Arun; V. Krishnaraj; Nallakumar R; Karthikeyan G; Glory Santha Vinothini A	Variable Frequency Carrier Based Modulation scheme for Switched Capacitor Based Voltage Gain 9-Level Inverter	2025 International Conference on Computing Technologies (ICOCT)	August 2025	9798331527945
7.	S. Sathish Kumar; S.Vasanthi; P. Balakrishnan; S.Gowtham; S.Senthil Kumar; Yuvaraja Thangavel	A Secure and Scalable IoT Architecture for Smart Energy Monitoring in Urban Infrastructure	2025 8th International Conference on Computing Methodologies and Communication (ICCMC)	September 2025	979-8-3315-1212-5

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8.	S Sathish Kumar, P Balamurugan, SE Murthy, S Hariprasath, S Senthil Kumar, Thiagarajan Jayaraman	Design and Implementation of a Bidirectional Fast Charging Station for Electric Vehicles using Grid-Tied Power Converters	2025 8th International Conference on Computing Methodologies and Communication (ICCMC)	September 2025	979-8-3315-1211-8
9.	M. R. Arun; L. Jesmalar; M. Sai Veerraju; S. Rajasekaran; Berakhah F Stanley; Jeen Retna Kumar R	AI Controller Interconnecting Multiple Microgrids Matching All Electrical Parameters	2025 3rd International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	September 2025	979-8-3315-1250-7
10.	Anigani Prem Chandra Reddy; Mittapalli Pranitha; K. Roopendra Reddy; Devashish Jha; S. Rajasekaran	Enhanced Pitch Angle and Battery Charging Control for Standalone Wind Power Systems Feeding DC Loads	2025 IEEE North-East India International Energy Conversion Conference and Exhibition (NE-IECCE)	October 2025	979-8-3315-1061-9
11.	E. Vani; A. Vasanthi; Kaviya. R; Gunasekaran. P; Muralidharan. S; Bavithra. S	Improving the Performance of Solar Power Conversion Systems through Luo Converter with Artificial Neural Network	2025 International Conference on Computing Technologies (ICOCT)	August 2025	9798331527945
12.	D. Soby; C. Balaji; Baskar Duraisamy; K. Thangaraj; S. Senthil Kumar; C. Sivaranjani	IoT-Driven Precision Agriculture: Real-Time Soil Health and Irrigation Monitoring using Low-Power Wireless Sensor Networks	2025 4th International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	October 2025	9798331553876