



# SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY

[Educational Service: SNR Sons Charitable Trust]

[Autonomous Institution, Reaccredited by NAAC with 'A' Grade]

[Approved by AICTE New Delhi, Permanently Affiliated to Anna University, Chennai]

Coimbatore- 641010.



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Conferences (2025-2026)

1. Maharaja Kamatchi, Sangeetha Shanmugam, Glory Priyadharshini, “Automatic Counting and Filling System using Programmable Logic Controller” IEEE Technically Sponsored Second International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems (iTech SECOM), Coimbatore, October 2025
2. D.Poornima, S.Dhineswaran, K.Prasannakumar, C.V.Pavithra, R.Divya, “Experimental Investigation of Hybrid Photovoltaic Thermoelectric Generator Systems for Enhanced Energy Conversion” IEEE Technically Sponsored Second International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems (iTech SECOM), Coimbatore, October 2025
3. S.Veerakumar, E.Ramkumar, B Varun, R Tamilselvan, “Advancing Sustainable Transport: A Modular Retrofit Kit Approach For Electric Two Wheeler”, International Conference on Emerging Technologies in Transport for a Sustainable Future, Coimbatore, August 2025
4. D Sarathkumar; P Sivaraman; T Jayakumar; J. Karthikeyan; B.K. Parrthipan; K. Umamaheswari; Murugesan Manivel; Anandhakumar C, “Next-Generation Battery Technologies for Electric Vehicles: Challenges and Opportunities”, 2026 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), Bhopal, March 2026
5. D Sarathkumar, TP Saravanan, S Arun Kumar, S Revathi, K Umamaheswari, BK Parrthipan, Murugesan Manivel, C Anandhakumar. “Online Optimization and Scheduling Methods for Electric Vehicle Charging in Smart Grid-Based Power Systems”, 2026 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), Bhopal, March 2026
6. D Sarathkumar, TP Saravanan, GP Bharathi, T Rengaraj, G Brindha, JB Sajin, Sivakumar Annamalai, C Anandhakumar, J Karthikeyan, S Monic Prabhanth, “DC Microgrid Control for Fast-Charging Electric Vehicle Stations” 2025 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies (INSPECT), Gwalior. November 2025

## Conferences (2024-2025)

1. Dr.G.Kannayeram, Dr.R.Saravanan, Dr.P.Arulkumar, Dr.G.Venkatesan, “Adaptive SMC for Modified Three Phase Bridgeless Vienna rectifier for Electric Vehicle Applications”, IEEE Technically Co-sponsored (ICPECTS) 2024 – 4th International Conference On Power, Energy, Control And Transmission Systems ,Chennai, October 2024
2. D Sarathkumar, J Sivadasan, T Jayakumar, Murugesan Manivel, C Anandhakumar, “Intelligent control algorithms for industrial automation systems”, 2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), Bhopal, April 2025
3. D Sarathkumar, K Bashkaran, Murugesan Manivel, T Jayakumar, R Sivakumar, C Anandhakumar. “An extensive critique on advances in digital control techniques for smart grid and micro grid operation”, 2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS), Bhopal, April 2025

## Conferences (2023-2024)

1. A. P. Roger Rozario, "Prediction of Dissolved Oxygen in Shrimp Pond using Dolphin Glow Worm Optimization Based Radial Basis Function Neural Network", 2024 IEEE World AI IoT Congress (AIoT), May 2024
2. R. Aadithya, M. Harish, S. Mohamed Faathih, P. S. Manoharan, M. Muthuramalingam, G. Kannayeram, “Smart Home Automation using Discord Chat Bots”,5th International Conference on Energy, Materials and Communication Engineering (ICEMCE), Madurai, India, December 2023
3. D. Poornima, "Automated Fuzzy-Logic Micro Irrigation System for Efficient Water Management”, National Conference on Future Trends in Smart Grids and Electric Vehicles Technology - NCSE 2024", Madurai, April 2024
4. D. Poornima, "IoT-Based Waste Management System for Smart Cities", International Conference on Communication, Computation, Control and Automation, Coimbatore, May 2024
5. S. Sangeetha, "IoT-Based Smart Parking System Using Android App" International Conference on Communication, Computation, Control and Automation, Coimbatore, May 2024
6. S.Udaiyakumar, S.Sangeetha, “ Electricity Price Forecasting by Hybrid model of Extreme Learning Machine and Sine Cosine Algorithm”, SERB Sponsored International Technical Conference on Control in Electric vehicles and Smart Grid with "Renewable Energy Synergies for Sustainable”, Chennai, May 2024

## Conferences (2023-2024)

1. Udaiyakumar S, Chinnadurrai CL, Anandhakumar C, Ravindran S, “Electricity Price Forecasting using Multilayer Perceptron Optimized by Particle Swarm Optimization”, 2022 Smart Technologies, Communication & Robotics (STCR) |10 – 11 December 2022 | Sathyamangalam
2. R.Shalini, P.S.Manoharan, N. Kumarasabapathy, G.Kannayeram, "Strategy for Charging of Battery and Supercapacitor Combined Storage System", 5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, February 16-17, 2023, Francis Xavier Engineering College, Tirunelveli.
3. G.Mahalakshmi, S.Sangeetha, Maladhi, T,Bhavatharini, “Automation of Industrial Drives using PLC and SCADA” AIP Conference Proceedings, October 2022

