

**5<sup>th</sup> INTERNATIONAL CONFERENCE**  
on Innovations in Electrical, Information and Communication Engineering (ICIEICE'25)  
28-29 March, 2025 (Hybrid mode)  
(Organized by Department of AD, BME, CSE, ECE, EEE and IT)  
www.icieice.kongunadu.ac.in

**EEE-Online Session || 28.03.2025 || 11.00 AM- 4.00 PM**

Dr.T.Sengolrajan, Associate Professor/EEE & Mr.R.Gopalakrishnan, Assistant Professor/EEE

**Day-1-Inaugural function & Keynote Address-28.03.2025(9.30 AM-10.20AM)** :Google Meet Link: <http://meet.google.com/tzx-fsfb-fin>

**Day-2-Keynote Address-29.03.2025(9.30 AM-10.20AM)** :Google Meet Link: <http://meet.google.com/utj-mxwd-acz>

Presentation Google Meet Link: <https://meet.google.com/uiu-rysa-czc>

S.No	Paper_ID	Name	College Name	Title	Schedule Time
1	EEE005	J.Dineshkumar, B.Abishek, H.Fahmitha, K.Kasivisvanathan R.Karthick	M Kumarasamy College of Engineering, Karur	Petrol Bunk Fuel Fraud Self Detector Unit	11:00 AM to 11.15 AM
2	EEE013	N.Abinaya Devi A.Ayyappan S.Hariharan A.Janarathinababu	M Kumarasamy College of Engineering, Karur	Smart Canteen Management System: Streamling Food Ordering	11:15 AM to 11.30 AM
3	EEE018	S.Naveena Priya S.Gokul S.Rohith N.Priyadharshini M.Kavin	Bannari Amman Institute of Technology, Sathyamangalam	Experimental Study on the Effect of Nano Coating on Photovoltaic Cells	11:30 PM to 11.45 PM
4	EEE019	V.Roshan Arvind	Sri Manakula Vinayagar Engineering College, Puducherry	Design and Implementation of FOPI Controller for a Multiphase Interleaved DC-DC Converter using E-Vehicle Charging Station	11:45 PM to 12.00 Noon
5	EEE021	Dr.Alok Kumar Mohanty	Techno Main Salt Lake, Kolkata	Design and Analysis of a Switched Reluctance Motor Drive for Electric Vehicles	12:00 Noon to 12.15 PM
6	EEE024	T.Dhanush K.S.Sivabharathi G.U.Priyavarshini K.Kishore Kumar Dr.P.Manojkumar	Bannari Amman Institute of Technology, Sathyamangalam	Toothbrush inspection system using LabVIEW	12.15 PM to 12.30 PM
7	EEE025	M.Sai Varun V.Manga R.Guna Vardhan Reddy P.Vivek Vardhan Reddy	CMR College of Engineering & Technology, Telangana	Healthcare Management using Machine Learning and Blockchain	12.30 PM to 12.45 PM
8	EEE026	V.K.Pratheesh A.Bharath L.Dharanipriyan A.S.Vikash	Bannari Amman Institute of Technology, Sathyamangalam	Design of Die Mold for Double Layering of Sustainable Food Packaging Materials	12.45 PM to 1.00 PM
9	EEE028	S.Rahini C.Vennila	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi	Intelligent Grid-Connected EV System with solar and Battery for Energy Optimization	2.00 PM to 2.15PM
10	EEE030	T.Vennila Dr.S.Nageswari	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi	State of Health Based Cell Balancing using Power Converter	2.15 PM to 2.30 PM
11	EEE031	D.Shobiya K.Madhumitha S.Santhosh M.Surendar R.Indhumathi	M Kumarasamy College of Engineering, Karur	Auto Power Guard for Electrical Gadgets	2.30 PM to 2.45 PM

12	EEE032	Dr.N.J.Vinoth Kumar Dr.T Sengolrajan	Government Polytechnic College, Nagercoil	Impact of SMES and TCPS for Multi-area Power Systems using Dual-Mode Type-II Fuzzy Logic Load Frequency Controller with Participation of DFIG Based Wind Energy	2.45 PM to 3.00 PM
13	EEE033	G.Krishna Kumar Dr.A.Arunya Revathi	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi	Dynamic Wireless Charging of Electric Vehicle	3.00 PM to 3.15 PM
14	EEE035	P.Sushmitha Shree K.Ramadas	Alagappa Chettiar Government College of Engineering and Technology, Karaikudi	Neural Network With Model Predictive Control of Permanent Magnet Synchronous Motor for Electric Vehicle	3.15 PM to 3.30 PM
15	EEE039	N.Ramadevi C.Muni Nithya B.M.Vennila D.Santhosh Babu P.Keerthana	GRT Institute of Engineering and Technology, Thiruthani	Digital Twin for Smart Building Management System	3.30 PM to 3.45 PM
16	EEE040	S. Ramachandran, A. Nisha N. Pooja R. Gayathiri and S. Sowmiya	Paavai Engineering college, Namakkal	Nerve Contraction Analysis and MOSFET Base Pulse Electro Therapy Suitable for Age Between 18 to 75 Years with Computer Interface	3.45 PM to 4.00 PM
17	EEE045	S.Sathya Devi K.S.Sanchita J.Mohammed Muzzamil S.Praveen	M Kumarasamy College of Engineering, Karur	Quake Guard Tremor Monitoring and Early Warning System	4.00 PM to 4.15 PM

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**EEE-Offline Session || 28.03.2025 || 11.00 AM- 4.00 PM**

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1	EEE006	Dr.I.Kathir, P.Thrishha, G.Brindha, S.Divyadharshini S.Prathisha	VSB Engineering College, Karur	Design and Implementation of Automatic Fire Extinguisher	11:00 AM to 11.15 AM
2	EEE016	P.Sharanya K.Srinithi P.Poorvasandhya M.Praveen	M Kumarasamy College of Engineering, Karur	Temperature Controlled Fan	11:15 AM to 11.30 AM
3	EEE018	P.Sasirekha G.Monashree M.Nivethitha S.Subashree S.Vijayaragavan	M Kumarasamy College of Engineering, Karur	Leveraging AI for Real-Time Safety and Navigation Support for Visually Impaired Railway Passengers	11:30 PM to 11.45 PM