SRM Institute of Science and Technology
Faculty of Engineering and Technology
Department of Electrical and Electronics Engineering
Ramapuram, Chennai – 600 089

RAMAPURAM SRM — INSTITUTE OF SCIENCE & TECHNOLOGY (Deemed to be University u/s 3 of UGC Act, 1956)

INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)

2nd International Conference on
"Emerging Trends in Electrical Machines, Power and Energy Systems" - EMPOWER 25
25th and 26th February 2025

ABOUT THE UNIVERSITY

SRM Institute of Science and Technology is one of the top-ranking universities in India with over 20,000 students and 1,500 faculty offering a wide range of undergraduate, post graduate and doctoral programs in Engineering, Management, Medicine and Health sciences, Science and Humanities. One would experience top of the world living and learning experience at SRM. Foreign faculty, flexible and dynamic curriculum, exciting research and global connections are the features that set SRM apart. Students have a wide choice of cutting-edge programs including nanotechnology, bioinformatics, genetic engineering, remote sensing and GIS, embedded systems or computer forensics to choose from. Most of these courses are offered in close collaboration with foreign universities like MIT, Cargenie Mellon, UC Davis, Warwick and Western Australia. SRMIST has been accredited by NAAC with the highest 'A++' Grade in the year 2024 valid for next 5 years. Top salary INR 47,00,000 PA offered by Adobe. Nearly 100% placement of registered students: TCS, Wipro, Cognizant, Infosys, Siemens and others.

ABOUT THE DEPARTMENT

The Electrical and Electronics Engineering department at the Ramapuram campus was established in 2009. The sheer hard work and enthusiasm of the faculty and students of the department has helped in making it one of the best departments on campus. The zeal and fervor with which the department is working will surely help it to achieve further success. The field of Electrical Engineering is highly dynamic and exciting as it provides excellent career opportunities in all sectors of society. The electrical engineering advancements reshape our modern society in all aspects including health, business, education and entertainment. Electrical Engineers design and implement a wide range of systems such as power generation, transmission and distribution, telecommunication networks, electrical machines and modern industrial control systems. The Electrical Engineering curriculum is a four-year program leading to a Bachelor of Technology in Electrical and Electronics Engineering. The course has been designed with the aim of providing breadth and depth of knowledge and significant design experience across the key areas of Electrical Engineering that evolve with society needs.

ABOUT EMPOWER 25 (HYBRID MODE)

This conference's goal is to bring together researchers, engineers, academics and industry experts throughout the globe to share their research and development efforts in the area of electrical engineering and computing technologies with the focused theme of thrust areas which are listed below.

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Mr.S.Nirajan
Co-chairman, SRM Group of Institutions, Ramapuram & Trichy Campus

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Dean (E&T), SRMIST Ramapuram
Dr.Balika J Chelliah
Vice – Principal (Admin), SRMIST Ramapuram

CONVENOR

Dr.K.N.Srinivas
Professor and Head
Department of Electrical and Electronics Engineering

CO-CONVENORS

Dr.S.Saravanan (+91 9566456656)
Assistant Professor / EEE
Dr.P.Srinivasan (+91 9840871808)
Assistant Professor / EEE

IMPORTANT DATES

Conference Dates : 25th and 26th February, 2025
Paper submission : 10th January 2025
Acceptance notification : 20th January 2025
Registration deadline : 25th January 2025
Camera-ready paper : 30th January 2025

ADVISORY COMMITTEE

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Gazi University, Turkey
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RWTH Aachen University, Germany
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Dr.K.Srinivasan, Assistant Professor
Mrs.R.Subbulakshmy, Assistant Professor
Dr.S.Manivannan, Assistant Professor

THRUST AREAS (Not limited to)

- AI Applications to Electrical Engineering (EE)
- Advanced Materials for Energy
- Battery Management System
- Electric Vehicles / Hybrid Electric Vehicles
- Energy Management and Power Quality
- Embedded System Applications
- FACTS & HVDC
- Industrial Internet of Things (IIoT)
- MEMS and Nanotechnology
- Power Electronic Converters
- Robotics, Automation and Control
- Smart Grid / Distributed Generation
- Soft Computing and Image Processing
- Big Data Analytics for Electrical Engineering
- Robotics and Automation and Smart Agriculture

PUBLICATIONS

- The selected papers will be published in the special issue of *International Journal of Signal and Imaging Systems Engineering – IJSISE (ISSN: 1748-0701 Scopus Indexed)*.
- All other accepted papers will be included in the proceedings with ISBN number, with possible inclusion in the springer proceeding series.

For (i) Paper Submissions, (ii) Plenary Session Proposal Submission and (iii) Enquiry empowersrmist@gmail.com

REGISTRATION FEE
₹800/- per paper

PAYMENT DETAILS
ACCOUNT NAME : SRMIST
ACCOUNT NUMBER : 117109000032971
IFSC CODE : CIUB0000517
BANK NAME : CITY UNION BANK
BRANCH : RAMAPURAM