

About Institution

SNR Sons Charitable Trust has a reputation of four and half decades for education and medical services. Seventeen institutions consisting of Engineering, Polytechnic, Arts and Science, Dental and Paramedical colleges in addition to Higher Secondary Schools are managed by the trust catering to 15000 students mentored by 3000 faculty. The trust has been successfully managing a 750 - bedded Multispeciality Hospital since 1975 with multiple specializations in Oncology, Neurology, Cardiology and others.

Sri Ramakrishna Engineering College (SREC), Coimbatore established in the year 1994 by SNR Sons Charitable Trust is one of the 17 institutions managed by the trust. SREC is an autonomous institution offering 12 Undergraduate programmes in the disciplines of Aeronautical, Biomedical, Civil, Mechanical, Electronics and Communication, Electrical and Electronics, Electronics and Instrumentation, Information Technology, Computer Science and Engineering, Robotics and Automation, Artificial Intelligence and Data Science and M.Tech Computer Science and Engineering (5 Year Integrated). The institution offers Seven Post Graduate programmes in Engineering and Technology with specializations of Manufacturing Engineering, Power Electronics and Drives, VLSI Design, Computer Science and Engineering, Embedded System Technologies, Control and Instrumentation Engineering and Nanoscience and Technology, in addition to MBA.

About Department

The Department of Electrical and Electronics Engineering was established in 1994. It offers four year B.E. (Electrical and Electronics Engineering) Programme. The department also offers Ph.D. Programme to promote research activities in the areas related to Electrical Engineering. The consultancy services are also rendered by the department. It has a distinguished team of faculty consisting of 13 Doctorates and 8 Post Graduates who have registered for Ph.D. in different areas of Electrical and Electronics Engineering and have rich industrial/research/teaching experience. The Programmes offered by the department of Electrical and Electronics Engineering are Accredited by the National Board of Accreditation, New Delhi.

Intelligent Electric Drives:
AI/ML Applications and ANSYS Simulation
for Industry 4.0

Chief Patrons
Shri. R. Sundar
Managing Trustee

Shri.S.Narendran
Joint Managing Trustee

Patron
Dr.A.Soundarrajan
Principal

Convenor	Coordinators
Dr. S. Allirani Prof & Head / EEE	Dr. M. ChindamaniAP(Sl.G)/EEE Dr. H. Vidhya, AP(Sr.G)/EEE

Resource Person	
Dr. Kumaravel S Associate Professor National Institute of Technology, Calicut	Ms.R. Pavithra LF Application Engineer Entuple Technologies Pvt. Ltd. Bengaluru
Dr. M. M. Rajan Singaravel Professor, EEE National Institute of Technology, Puducherry	Mr. Prasanthkumar Palani Chief Technical Consultant Haritha Mobility, Coimbatore
Dr. S. Arun Rahul Professor, EEE Indian Institute of Technology, Palakkad	Mr.V. Krishnamoorthy Ettik Soft Technologies Pvt. Ltd., Namakkal, Tamil Nadu, India
Dr. S. Senthilkumar Professor, EEE National Institute of Technology, Trichy	



SRI RAMAKRISHNA
ENGINEERING COLLEGE

[AnAutonomous Institution]
Coimbatore - 641 022

DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

Two days Workshop On
Intelligent Electric Drives:AI/ML
Applications and ANSYS Simulation
for Industry 4.0

15th -16th October

In association with IEEE SB SREC
&
IEEE PELS Chapter





Intelligent Electric Drives:AI/ML Applications and ANSYS Simulation for Industry 4.0

REGISTRATION FORM



15th - 16th October

Department of Electrical and Electronics
Engineering

Name :

Designation :

Qualification :

Organization/Institution :

Mobile No :

E-mail ID :

Specialization:

Experience(years):

Address for communication:

Registration transaction ID:

Signature of the Candidate

Sponsorship Certificate

Mr./Ms./Dr. _____ is
an employee of our Institute. If selected the applicant
will be permitted to participate in the above
programme.

Date:

Registration Fee

For Delegates from Industry/Faculty/Research
Organizations: **₹500.00**

For UG, PG Students & Research Scholars:
₹300.00

Travel Assistance for Outstation participants
will be provided

TA & DA as per Government of India norms

Assistance is subject to submission of proofs
(shortest route)

Important Dates

Last Date for Registration 30/09/ 2025

NOTE

- The Registration fees covers Workshop kit, certificate, refreshments & working lunch
- Accommodation will be provided for outstation participants
- TA/DA reimbursement can be done as per norms on submission of necessary documents.
- Registration fees will not be refunded

Contact Person

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Objectives of the Program

- To train participants in simulating electrical machines using Maxwell & Motor-CAD
- To apply Python-based ML tools for performance prediction and fault detection
- To integrate Data Science and AI techniques into Electrical Engineering concepts and innovation

Topics to be Covered

- Intelligent control systems for electric drives
- Simulation and Modeling of Electric Drives using ANSYS
- Artificial Intelligence & Machine Learning – Concepts & Tools
- Integration of AI and ML for electric drives
- Intelligent drives for EV applications
- AI/ML based Fault prediction in electric drives- Industrial Case Studies

Target Participants

Research Scholars, Faculty members, Delegates
from Industry/R&D, UG / PG students



Scan the QR Code to Register