

About the College

Sri Muthukumar Institute of Technology (SMIT) is a self-financing Engineering College affiliated to Anna University, Chennai approved by AICTE, New Delhi. The SMIT is established in the year 1996 under Sri Muthukumar Educational Trust. Thiru. A.N. Radhakrishnan and Smt. Gomathi Radhakrishnan are the founder Chairman and Chairperson of our college.

Sri Muthukumar Institute of Technology is located in Chikkarayapuram village near the famous Mangadu Kamakshi Amman temple.

Sri Muthukumar Institute of Technology offers 11 UG programs viz. B.E/B.Tech - Civil, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Information Technology, Pharmaceutical Technology, Robotics and Automation Engineering, Mechatronics Engineering, Biomedical Engineering and Artificial Intelligence and Data Science. Six PG programs in engineering viz. M.E - Applied Electronics, Embedded System Technologies, Computer Science Engineering, Computer Aided Design, Engineering Design and Power System Engineering, Master of Computer Applications, Master of Business Administration. Five of our UG programs are accredited by NBA two times. Our Alumni are excelling as technical professionals in reputed National, International Organizations and also as successful Entrepreneurs.



About the Department

The Department of Electrical and Electronics Engineering was established in the year 1996. The Department was recognized as a research centre with Anna University in the year 2016. The Department is housed as a separate block with spacious well-ventilated classrooms, well equipped laboratories and an exclusive conference hall. It has two PG courses namely Embedded System Technologies & Power System Engineering. The Department is well equipped with laboratories and has computing facilities with latest softwares like MATLAB, ETAP, NS, PSCAD, PSPICE, Proteus, etc.

Objective of the Programme

The Faculty Development Training Programme is intended

- To provide an excellent opportunity for faculty members working in institutions.
- To introduce the subject in a different perspective and to impart better knowledge and understanding of the subject.
- To understand the concepts through illustrations and applications.
- To train the participants with the innovative teaching methodology.

Topics to be covered

- Charging Stations and Standards
- Power Electronics for EV
- EV Charging using Renewable and Storage Systems
- Wireless Power Transfer
- Power Factor Correction in Charging System
- Charging Modes in EVs
- Simulate wireless power charging station for EV charging.

Outcome of FDTP

Upon completion of the FDTP, Faculty members will be able to

- Illustrate various charging techniques and to know charging standards and regulations.
- Illustrate the advantages of renewable system-based charging systems.
- Demonstrate the principles of wireless power transfer.
- Analyze the standards for wireless charging

Resource Person

Eminent faculty members from Anna University, Anna University Affiliated colleges and Industries will handle the lecture sessions.

ORGANIZING COMMITTEE

Chief Patron:

[Dr. R.Velraj](#)

Vice-Chancellor, Anna University,
Chennai.

Patron:

[Dr.P.Vimala](#)

Registrar , Anna University,
Chennai.

Chair:

[Dr.P.Vanaja Ranjan](#)

Director, CFD

[Dr.V.Adaikkalam](#)

Addl. Director, CFD

Co-Chair:

[Mrs.Gomathi Radhakrishnan](#)

Chairperson & Managing Trustee, SMET.

[Dr.K.Somasundaram](#)

Principal, SMIT.

[Dr.V.Anitha](#)

Vice-Principal & Professor, SMIT.

Co-ordinators:

[Dr.V.Anitha](#)

Vice-Principal & Professor, SMIT.

[Mrs.P.Vanitha](#)

Head, Department of EEE, SMIT.

Venue: [SEMINAR HALL, EEE BLOCK](#)

Important Dates

Submission of Application : **26-07-2024**

Intimation of Selection : **27-07-2024**

Confirmation by Participants: **29-07-2024**

Registration

- Faculty members / Research Scholars from engineering colleges, Affiliated/Autonomous institutions are eligible to apply.
- No registration fee for the participants.
- Participants will be selected on First come & First serve basis and selected participants will be intimated through e-mail.
- The total number of participants is strictly restricted to 40 only.
- No TA/DA will be given to attend the programme.
- Accommodation shall be provided for the participants with free of cost subject to the availability.

Mailing Address

The Co-ordinator
FDTP on “Design of Electric Vehicle Charging System”
Department of Electrical and Electronics Engineering
Sri Muthukumaran Institute of Technology
Chikkarayapuram (Near Mangadu)
Chennai-600 069
Tamilnadu, India.
CONTACT: 9944591838, 9789090838
EMAIL: smiteee2021@gmail.com

Registration Form

Six Day
Faculty Development Training Programme
on
EE3028
**DESIGN OF ELECTRIC VEHICLE
CHARGING SYSTEM**
31st JULY- 6th AUG 2024

Name :
Designation :
Qualification :
Experience :
Institution :
Correspondence Address:

Mobile :
E-Mail :
Accommodation required: Yes/No

Date: _____ **Signature**

Sponsorship

Dr./Mr./Ms _____ is an Employee of our institution and is hereby sponsored to attend the above FDTP. He/She will be permitted to attend the programme, if selected.

Signature of the Head of the
Department/Institution with seal

Physical Mode-Six Day FDTP

on
EE3028
**DESIGN OF ELECTRIC VEHICLE
CHARGING SYSTEM**
31st JULY- 6th AUG 2024

CO-ORDINATORS
Dr. V.ANITHA,
Vice-Principal & Professor,

Mrs. P.VANITHA,
Head of the Department
Department of Electrical and Electronics
Engineering

Sponsored by



ANNA UNIVERSITY, CHENNAI

Organized by

**DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING**



**SRI MUTHUKUMARAN
INSTITUTE OF TECHNOLOGY**

*Approved by AICTE & Affiliated to Anna University
Accredited by NBA two times*

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