

ABOUT THE COLLEGE

PSG Institute of Technology and Applied Research, started in the year 2014, is an AICTE approved institution and affiliated to Anna University, Chennai. PSGiTech, the latest initiative of PSG and Sons' Charities, aims to realize its objective of enhancing youth empowerment through technical education. This institute caters to various engineering disciplines, focusing on learning, industry engagement of students, innovative and inclusive pedagogy, and ethics. This institute aims at effective transfer of knowledge, pursuit of truth and moulding the students to become ideal citizens of the country.

The college is accredited by NAAC with A+ grade. The Institute offers 8 UG Programmes in BE - CSE, Civil, ECE, EEE, Mechanical with NBA accreditation and CSBS, ICE and AIDS. PSGiTech aims to achieve excellence in education and research and nurture engineers with ethics, who will face global challenges to serve industry and society.

ABOUT THE DEPARTMENT

The Department of EEE has been established in order to impart futuristic value-based quality education in Electrical and Electronics Engineering. The EEE programme are accredited by NBA. The department has faculty members with specializations in power systems, electrical machines, power electronics, control engineering, and embedded systems and some of them have a rich industry experience also. The department has set up centres of excellence, well-equipped laboratories and also signed MoUs with industry leaders, thereby providing opportunities for faculty members and students, to interact with industry experts. The department has an AU approved research centre.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. R. Velraj
Vice-Chancellor
Anna University, Chennai

PATRON

Dr. J. Prakash
Registrar (i/c)
Anna University, Chennai

CHAIR

Dr. P. Vanaja Ranjan
Director, CFPD
Anna University, Chennai

CO-CHAIR(s)

Dr. N. Saravanakumar
Principal, PSGiTech

Dr. C. S. Subash Kumar
ASP & HoD (i/c), EEE, PSGiTech

CO-ORDINATOR(s)

Dr. B. Adhavan
Associate Professor-EEE, PSGiTech

Ms. A. Jeyashree
Assistant Professor(Sr.Gr)-EEE, PSGiTech

DATES TO REMEMBER

Submission of Application : 12-07-2024

Intimation of Selection : 18-07-2024

Contact Details

Dr. B. Adhavan
Associate Professor
Department of EEE
PSG Institute of Technology and Applied
Research, Coimbatore
Contact: +91 99948 69720, +91 9442340269
Email id: adhavan@psgitech.ac.in

**Physical Mode - Six Day Faculty
Development Training Programme**

on

**EE3028 - Design of Electric
Vehicle Charging System**

22.07.2024 to 27.07.2024

CO-ORDINATORS

Dr. B. Adhavan

Ms. A. Jeyashree



Sponsored by

**Centre for Faculty and
Professional Development,
Anna University, Chennai - 25**

Jointly Organized by

**Department of Electrical and
Electronics Engineering**

(Accredited by NBA)



**PSG INSTITUTE OF TECHNOLOGY
AND APPLIED RESEARCH
COIMBATORE -641 062**

VISION OF THE DEPARTMENT

- To create a dynamic community of aspiring technologists in the field of Electrical and Electronics engineering by empowering our students with the skills and knowledge to confidently tackle global challenges in an ethical manner.

MISSION OF THE DEPARTMENT

- Pursue excellence in education and research and produce globally competent electrical engineers, who will contribute to a sustainable and prosperous world.
- Promote multi-disciplinary and self-learning activities through project work.
- Foster research, innovation, and industry-institute collaboration.

ABOUT THE COURSE

This FDTP will provide an opportunity for faculty members employed in AICTE approved and Anna University affiliated institutions for training and upgrading their knowledge in the research area of design of electric vehicle charging system. This programme will also cover the syllabus provided by Anna University for the undergraduate course. Some of the major topics to be covered in this FDTP are:

- Charging infrastructure for EV and standards
- Power electronic converters for EV battery charging
- Bidirectional DC-DC converters for EV
- EV charging / discharging strategies and topologies
- Fast-charging infrastructure and integration with home solar PV and energy storage
- Battery management system
- Recent trends in Electric Vehicle

PARTICIPANTS

The faculty members from affiliated institutions of Anna University and other reputed institutions can participate.

RESOURCE PERSONS

Eminent resource persons are from reputed institutions like IIT, NIT, PSGTech will handle the session.

PROGRAM CERTIFICATES

Participation Certificates will be issued only for those participants by the CFPT, AU, who have secured at least 75 % attendance and 50 % marks in the test.

REGISTRATION

- No Registration Fee.
- Number of seats is restricted to 40. Selection on first come first serve basis.
- Selected applicants will be intimated by e-mail.
- No TA/DA will be paid. Accommodation is on chargeable basis.

HOW TO APPLY

- The scanned copy of the completed registration form (duly signed by the competent authority) and declaration form can be submitted through the google form link before the due date.
- The completed registration and declaration forms should be sent by post to the Co-ordinator after completing the registration online.



<https://forms.gle/gUsstDMqE85TVVhs5>

REGISTRATION FORM

Physical Mode - Six Day Faculty
Development Training Programme on
**EE3028 - Design of Electric Vehicle
Charging System**

22.07.2024 to 27.07.2024

Name:

Designation:

Department:

Organization:

Age and Date of Birth:

Educational Qualification:

Years of Experience:

Mobile No.:

E-mail ID:

Postal Address:

Accommodation Required: Yes/ No

Institute Affiliated to Anna University: Yes/No

Signature of the applicant

Sponsorship Certificate

Mr./Ms./Dr. _____
is an employee of our Institute is hereby
sponsored to attend the FDTP. He/ She
will be permitted to attend the entire
FDTP, if selected.

Signature of the Sponsoring
Authority with seal

Place:

Date: