



PSG Institute of Technology and Applied Research
Neelambur, Coimbatore - 641062
Department of Electrical and Electronics Engineering

Event title	Six-day offline Centre for Faculty & Professional Development Sponsored Faculty Development Training Programme on “EE3028 - Design of Electric Vehicle Charging System”
Event Category	Academics
Date and Duration	22nd to 27th July 2024 & (9.00 am to 4.45 pm)
Department	EEE
Co-ordinators	Dr Adhavan B, Associate Professor & Ms .Jeyashree A, Assistant Professor, EEE Department
Chief Guest/Resource Person /Keynote Speaker	Dr. M. Sundaram, Associate Professor, Department of EEE, PSG college of Technology, Coimbatore
No. of Participants	44

The Department of Electrical and Electronics Engineering has organized a Six-day offline Centre for Faculty & Professional Development Sponsored Faculty Development Training Programme (FDTP) on “EE3028 - Design of Electric Vehicle Charging System” held from 22-07-2024 to 27-07-2024. There were 44 registered participants for the FDTP from Anna University affiliated engineering colleges of Tamilnadu.

The inaugural function was conducted on 22-07-2024 at 9:00 am. Dr. C. S. Subash Kumar, HoD (i/c) – EEE, welcomed the guest speaker and participants. Dr. B. Adhavan gave an overview of the programme. The programme was inaugurated by Dr. M. Sundaram, Associate Professor, PSG college of Technology, Coimbatore. He stressed the importance of acquiring knowledge and skills in the emerging areas such as electric vehicles and EV charging infrastructure, and the need for faculty members to pursue research to enhance innovation and teach students with recent trends. The entire program covers the syllabus prescribed by Anna university for the subject EE3028 – Design of Electric Vehicle Charging System. The total number of sessions in the FDTP was 22, in which 14 sessions were taken by eminent experts from IIT, NIT, GCT, renowned universities & PSG college of technology. The remaining 8 sessions were taken by the internal faculty members. The topics that were covered during the FDTP includes EV charging Infrastructure, standards & regulation for EV, different power electronic converters and controller for EV applications, battery management systems, types of EV and energy storage system, wireless power transfer, boost converter-based PFC control and integration of EV with home solar PV system.

Based on the knowledge provided by the experts, a test was conducted on 27-07-2024 to evaluate the learning of the participants. The valedictory function of the programme was held on the afternoon session of the last day on 27-07-2024. Dr. Subash Kumar C S, Associate professor, proposed the valedictory address and encouraged participants to provide active learning methods and undergo research in the field of EV. The participants felt happy about learning new technologies and active learning techniques in the FDTP and suggested to conduct more such FDPs in the future. Dr. B. Adhavan, Associate professor / EEE, the coordinator of the FDTP proposed the vote of thanks. He thanked the participants and everyone who worked for this six-day FDTP.



Valedictory Photo Session at FDTP on 27th July 2024

Dr. B Adhavan
FDTP-Coordinator

Dr. C S Subash Kumar C S
HoD (i/c) / EEE