

FIVE DAYS FDP
ON
“Research Challenges in Design
&
Control of Electric Vehicle”

30-11-2020 to 04-12-2020

[On Line Registration Link
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REGISTRATION FORM

Name :
Designation :
Department :
Organization :
Edu. Qualification :
Address for Communication:

Phone /Mobile No :
E-Mail id :

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing by the Training Program. If selected, I shall attend the program for the entire duration.

Date:

Place:

Signature

ORGANIZING COMMITTEE

CHIEF PATRON

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FDP CO-ORDINATOR

Dr. A. Saraswathi

Assistant Professor
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University College of Engineering
Villupuram

**FIVE DAYS FACULTY DEVELOPMENT
PROGRAMME (FDP)**

ON

“Research Challenges in Design
&
Control of Electric Vehicle”



Nov 30, 2020
to
Dec 04, 2020



CO-ORDINATOR

Dr. A. Saraswathi

Organized by

Department of Electronics and Communication

University College of Engineering Villupuram

Kakuppam,
Villupuram –605 103

ABOUT THE COLLEGE

University College of Engineering Villupuram, (A Constituent College of Anna University) was started in the year 2008. The College offers five Under Graduate courses and a Post Graduate course in the field of Engineering and Technology. The College is situated at Kakuppam, Villupuram town with an extent of 18 acres which includes excellent academic building, hostel, mess and canteen.

The college is well equipped with smart lecture halls, spacious conference halls, necessary laboratories and advance equipment's for research and academic activities. UCEV is act as the Center for Technical Skill Development Institute in association with TNSDC, Government of Tamilnadu and Siemens & Design Technology Private Ltd. UCEV is Recognized as AIEDP-Hub by Entrepreneurship Development and Innovation Institute, (EDII), funded by Govt. of Tamilnadu. UCEV is one of the Remote Centre Co-coordinator (RCC) for IIT, Bombay..

ABOUT THE WORKSHOP

The objective of the **workshop on “Research Challenges in Design and Control of Electric Vehicle”** is to explore the recent trends and challenges in the area of development of Electrical Vehicles in environmentally friendly way. With the emergence of rapid advancement in power electronics, mechanics and information system, the development of Electrical Vehicle becomes more attractive. At the same time continuous usage of fossil fuels leads to deficiency and force to find alternative area.

Nowadays, the energy efficiency set of priority, boosted by a major consent with climate changes and by the soaring oil prices in countries that have the large dependency on imported fossil fuels. There is a alarming situation in transportation sector that is nearly 55% oil consumption will increase by 2030.

These aspects makes electrical vehicle as the most research area of interest with many developments. In the area of battery charging systems are being made with a development of new topologies and control strategies. Participants will get an exposure on design and control of Electric Vehicles.

OBJECTIVE OF THE WORKSHOP

The program is effectively planned to meet the objectives of the workshop that is serve the Engineering community to realize the role of research challenges and opportunities in design and control of Electric Vehicles

COURSE OUTCOME

- Introduction & major components in EV
- Types of Electrical drives used in EV
- Architecture design for EV
- Electrical protection and control system
- Energy storage solutions
- Battery management system
- EV charging station

IMPORTANT DATES

Last date of Registration: 23 Nov 2020

Intimation of Selection : 27 Nov 2020

For further enquiry contact

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