An *online* FACULTY DEVELOPMENT PROGRAM (FDP)

on

ELECTRIC VEHICLES & SMART GRID PROTECTION

(27 -31 October 2025)

Organized by

Department of Electrical Engineering
National Institute of Technology Warangal

in association with

CENTRE FOR TRAINING AND LEARNING, NIT Warangal

(Established under the PMMMNMTT Scheme, Ministry of Education, Govt. of India)

Preamble:

The Centre for Training and Learning (CTL) has been established at NIT Warangal with grants from the Ministry of Education, through its scheme *"Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)"*. Under this Scheme, a separate building has been built exclusively for the CTL activities, with the state-of-art training facilities that include a studio for production and uploading of video and e-lectures on various subjects of higher education, training halls to train the faculty in various theme areas of Science and Technology, humanities and social sciences, linguistics and communication skills, pedagogy and cognition evaluation, etc. among others. One of the important objectives of the Centre is to conduct training programmes for the aspiring, newly inducted and in-service faculty in science, engineering, social sciences disciplines in higher education. Other activities of the CTL include preparation of print and e-learning materials, offering on-line courses, curriculum design, carrying out research in educational technology and pedagogy and integrating with ICT into teaching-learning process. The CTL has special programmes of training for the marginalized and women-faculty.

About FDP:

Upon the completion of the training programme the Participants /trainee can understand/ gain knowledge in solving the real-world problems in Electric Vehicles and protection strategies of smart grid

Major Course Contents:

- Optimal Location of Charging Stations for Electric Vehicles
- Prevention of Battery Explosion of Electric Vehicles
- Advancements in Battery Technologies
- Impact of DG's high-level penetration on Distribution systems.
- Control and Integration of Renewable Energy Resources
- Fault Detection and Diagnosis Methods
- Adaptive Smart Grid Protection
- Morphological Filters and their application in smart grid protection

Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Warangal and Academicians in the concerned field from IITs/NITs/IIITs have been invited to deliver lectures in the programme.

Registration Fee Particulars:

Faculty	**Rs.1180/-**
Students / Research Scholars	**Rs. 590/-**
Industry Participants	**Rs.2360/-**

Registration fees includes GST. Participants need to pay the registration fees online using the following details

Online Transfer Details
Account Name: **HEAD, CTL NITW**
Account No: **40376545007**
IFSC: **SBIN0020149**
Bank and Branch: **SBI, NIT(REC) Warangal**

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

https://forms.gle/9sBgmG7YHpMurAj16

Selection Criteria:

Selection will be done based on first-come-first-serve to a minimum number of 50 (fifty) Faculty/industry participants. Additionally, students/PhD scholars are allowed to participate. The list of selected participants will be intimated through e-mail. In case the candidate is not selected, the registration amount will be refunded. Candidates will be issued certificates on successful completion of the course.

Important dates:

Last date (Application & DD/online payment)	**22-10-2025**
Selection List by E- mail	**24-10-2025**

About NIT Warangal:

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 31 post-graduate programs besides doctoral programmes. About 5000 students across the country and about 500 international students study on the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure in the form of state of the art library, seminar halls, guest houses and research laboratories.

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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
6. Payment Details
   Reference No:
   Amount:
   Bank :
   Date:
7. Address for Correspondence:
8. Educational Qualification:
9. Subjects taught so far:
10. No. of refresher courses/workshops attended:
11. Experience (in years):
12. Teaching: Research: Industry:

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinator in case, I am unable to attend the course.

Date:
Place: **Signature of the Applicant**

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms .....is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "**ELECTRIC VEHICLES & SMART GRID PROTECTION**" sponsored by the Centre for Training and Learning (CTL) during 27-31 October 2025 at NIT Warangal

Signature of Head of Institution (with seal)

Address for correspondence

Post/e-mail your application form to **Course Coordinator**

Dr. Suresh Babu Perli
Associate Professor
Department of Electrical Engineering
NIT Warangal
Hanumakonda-506004, Telangana.
email: drsureshperli@nitw.ac.in

It is requested to all the delegates, after completion of application form, all the payment details, screenshot of the payment and scanned application form must be uploaded in the following online registration link.

Registration Link: https://forms.gle/9sBgmG7YHpMurAj16

For more details about CTL of NIT Warangal, please visit: https://nitw.ac.in/tlc

For more enquiries please contact:

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Coordinator

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