



ONE DAY FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

Applications of Electric Drives in Electric Vehicles

(24th January, 2020)

Organized by

Department of Electrical Engineering, NIT Warangal

(Sponsored by Science and Engineering Research Board,
Department of Science and Technology, Government of India)

Preamble:

This faculty development programme (FDP) is devoted to fundamental theory, recent developments, applications and research outcomes addressing the related theoretical and practical aspects on "Applications of Electric Drives in Electric Vehicles".

Major Course Contents:

- Recent Developments and study of Power Electronic converters and Multi-level inverters.
- Recent Trends in Power Electronic drives for accurate and high dynamic performance of Motor.
- Application of various Electric Motor drives and its fundamental theory.
- Machine modelling for the application of Electric drives.
- Design of current, voltage and speed sensor for motor drive application.
- Motor drive operation using real-time dSPACE platform.
- Implementation of vector control schemes for motor drive and its real time demonstration.

Eligibility:

The program is open to the Faculty of Engineering Colleges in India.

Faculty conducting this program:

The program will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the program. Speakers from industries are also expected to deliver as part of the course.

Registration Fee Particulars: NIL

Accommodation: Not Provided

How to apply:

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities should reach the coordinator by speed-post. It is also mandatory to send scanned application form through e-mail to vinaykumar@nitw.ac.in as selection will be intimated only through mail.

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 25. The list of selected participants will be intimated through e-mail. Candidates will be issued satisfactory certificates on successful completion of the course.

Important dates:

Last date (Application)	12/01/2020
Selection List by E- mail	14/01/2020
Duration	24/01/2020

About NIT Warangal & Department:

The Department of Electrical Engineering is one of the oldest departments of the National Institute of Technology, Warangal (NITW). Established as one of the major departments of the Institute, since its inception in 1959, the Department of Electrical Engineering has been actively engaged in teaching and research in diverse fields of Electrical Engineering. With excellent faculty, the Department of Electrical Engineering offers undergraduate (B.Tech) and graduate (M.Tech) in Power Electronics & Drives and Power Systems and research (Ph.D) programmes.



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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Address for Correspondence:

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "Applications of Electric Drives in Electric Vehicles", sponsored by SERB, DST, Govt., INDIA on 24th January, 2020 at EED, NIT Warangal.

6. Educational Qualification:
7. Subjects taught so far:

Signature of Head of Institution
(with seal)

8. No. of refresher courses/workshops attended:
9. Experience (in years):
Teaching: Research: Industry:
10. Accommodation required: Not Providing

Address for correspondence

Post your application form

Dr. T Vinay Kumar
Assistant Professor
Department of Electrical Engineering,
National Institute of Technology Warangal,
WARANGAL - 506 004, Telangana State, India.

E-mail the scanned copies of filled-in and duly signed application form

vinaykumar@nitw.ac.in

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.

Signature of the Applicant

For more enquiries please contact:
Mobile: +91- 8332969296

Coordinator

Dr. T Vinay Kumar
Assistant Professor
Department of Electrical Engineering,
National Institute of Technology Warangal,
WARANGAL - 506 004, Telangana State, India.