



Centre for Continuing Education

A One Week **ONLINE**
Continuing Education Programme on

Applications of Power Electronics to Renewable Energy sources and Power Quality Improvement Devices

04th – 09th January, 2021

Call for Registration and Participation

Coordinators

Dr.G. Siva Kumar

Dr. D. Sreenivasarao

Organized by
Department of Electrical Engineering
National Institute of Technology

Warangal – 506 004
Telangana state, India



About NIT Warangal:

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Last year NIT Warangal is celebrating its Diamond Jubilee (1959-2019) year of establishment. 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 programmes 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, guesthouses and laboratories. In recent years, NIT Warangal has grown strongly in terms of infrastructure, research facilities and Centres of Excellence This institute has produced notable alumni who excelling in various fields like politics, holding diplomatic positions, CEO of companies, etc.

Centre for Continuing Education of NIT Warangal:

This Centre of NIT Warangal organizes Continuing Education Programmes and Workshops in the frontier areas of Science, Engineering, Technology, Management, Humanities, Social Science and Socially relevant themes on self-financing basis in three different modes: (i) At NIT Warangal by NIT Warangal (ii) At NIT Warangal in collaboration with other organizations (iii) By NIT Warangal Faculty at the Host Organization/Institute.

Brief profile of the Department of Electrical Engineering:

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, Power Systems and Smart Electric Grid (SEG) and research (Ph.D) programmes.

Topics in the Programme:

- Overview of Power Quality Issues, Standards and Power Electronics – Inverters, DC-DC converters
- Passive, Active and Hybrid compensators

- Power Quality improvement and active power injection using Solar System
- Simulation of power converters, shunt and series active power filters
- Demonstration of DSPACE, and experimental setup of shunt active power filter
- Smart Transformer applications in PQ improvement and Renewable energy source Integration
- Recent Trends in Power Electronics for Sustainable Energy
- Renewable energy sources and its connectivity to power grid

Registration is open to:

The program is open to all the faculty members, research scholars, and students of all educational/ research institutions. Working Professionals from Industry and R&D Organizations

Registration Fee and Selection:

Registration fee is ₹500/- per participant. Number of participants is limited to Hundred and the participants will be selected on first-come first-served basis. On receipt of the proof (Transaction ID) of online payment of registration fee, the applicants will be sent confirmation of their participation through Email immediately.

Account Details for Online Payment:

Please enter **"APERE"** in remarks while doing transaction which is mandatory

Account Number:	62403680215 (Savings Account)
Account Name:	Center for Continuing Education NITW
Bank Name:	State Bank of India (SBI)
Branch:	NIT Warangal
IFSC Code:	SBIN0020149

How to Apply:

One can register for the course by filling in the Google form available at the link given below:

<https://forms.gle/p5EC55vjSYr5QHgJA>

Important Dates:

Last date of registration: 31st Decemeber 2020

For any queries regarding this Programme, please contact the Coordinator.

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