

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration. I also undertake the responsibility to inform the co-ordinators sufficiently in advance, in case I am unable to attend the course.

Place:

Date: Signature of the applicant

Sponsorship Certificate

Certified that Mr/Ms/Dr _____

is an employee of this institution and is hereby sponsored for the FDP on "Applications of Power converters in Distributed generation and Microgrid (APDM 2016)," at National Institute of Technology Calicut during the period of 19th June – 25th June, 2016. He/she will be permitted to attend the course, if selected.

Place: Name & Signature

Date: of the Sponsoring Authority
(seal of the institution)

Mail your Registration forms to:

Dr. Kumaravel S.

Coordinator, FDP on APDM 2016,
Department of Electrical Engineering,
National Institute of Technology Calicut,
Calicut, 673601, Kerala, India

Email : kumaravel_s @nitc.ac.in

Cell: +91 - 9645654204

Electrical Engineering Department:

Established in 1961, the Department offers undergraduate programme in Electrical and Electronics Engineering, post graduate programmes in Power systems, Instrumentation & Control Systems, Power Electronics and Industrial Power & Automation and research programmes leading to Ph.D. Degree. Department has been actively involved in research and consultancy in all the fields of Electrical Engineering. The major research areas are Power & Energy Systems, Industrial Power & Automation, Instrumentation & Control Systems and Electric Machines & Power Electronics.

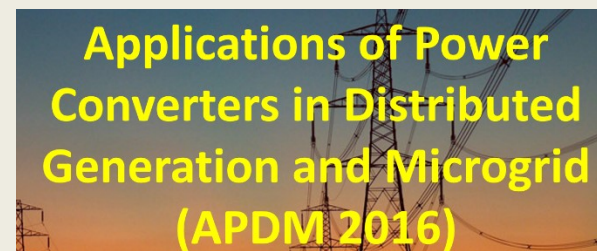
This training programme is organized by Power and Energy group. Power lab is equipped with SCADA, DCS, PLC set ups, Power quality measuring equipments and necessary software/hardware etc. It is also having a well established simulation lab with MATLAB, ETAP, ORCAD, Mipower, PSCAD, PSIM, SIM20 etc.

NITC and Calicut city:

NITC has ten departments and six centers. It offers ten undergraduate, twenty-four postgraduate programmes apart from Ph. D. The institute has good infrastructure in computing, information technology, laboratories and central library including digital library. Calicut is a major knowledge Hub of Kerala. It is the hometown of institutions of national importance including NITC, IIMK, DOEACC, CWRDM, Kerala School of Mathematics etc. Calicut is connected by direct trains/road/air to all major cities in India. NITC is located about 22 kilometers north-east of Calicut City. Calicut, also known as Kozhikode, is known as the city of spices. Kozhikode beach, Kappad beach where Vasco De Gama landed first, Kadalundy bird sanctuary, Tusharagiri Waterfalls, Pazhassiraja Museum, Tali Temple and Kuttichira Masjid are some of the local attractions.

Faculty Development Programme

on



19th – 25th June 2016

Sponsored by

TEQIP - II

Coordinators

Dr. Kumaravel S.

Dr. Ashok S.



Organized By

Department of Electrical Engineering

National Institute of Technology Calicut

NIT Campus P.O., Calicut – 673 601

About the workshop

Major part of the electricity is generated from fossil fuels in the present scenario. The depleting nature of fossil fuels has led to electricity generation from alternative resources which are distributed in nature. Smart Microgrids are emerging as an outgrowth of dispersed on-site and embedded generation via the application of emerging technologies in power electronics and control.

Microgrid economic and regulatory analysis is done by a number of government and non-government organizations. In general, it is focusing on electricity generation from these new and renewable energy resources.

The seven days course on “Applications of Power Converters in Distributed Generation and Microgrid (APDM 2016)” aims to create a platform for the young professionals to discuss various cutting edge technologies. This will enhance the researchers/teachers to strengthen their academic and research activity.

Major Topics:

- Distributed Generation Technologies
- Microgrid Architecture
- Integration technology for DG
- Power converter topologies for Microgrid
- Control approaches for grid connected/autonomous Microgrid system
- PMU and challenges
- Reliability and protection issues of Microgrid
- Power Quality Improvements of Microgrid
- Hands on experience with OPAL-RT, DSpace, Labview, DCS and SCADA system, etc.

Resource persons:

Faculty experts of NITC and Invited experts from Utilities/ Industries/ Research Institutions.

Eligibility:

Course is open to faculty from NITs, AICTE approved Engineering colleges/Institutions and working professionals from Industries/R&D organizations with basic degree in Electrical Engineering. Limited number of seats will be given to faculty of AICTE Recognized engineering colleges without registration fee, subject to selection, based on the recommendation from head of their parent institution

Registration:

Registration Fee:

TEQIP funded institutions: Rs. 10,000/-

Industry/R&D: Rs. 15,000/-

Selected faculty from AICTE

Recognized Engineering Colleges & NIL

participants from NIT Calicut:

Mode of Payment: Online Payment

Account Holder Name: Power Electronics

Account Number.: 34743361812

IFSC Code: SBIN0002207

Bank/Branch: SBI, REC Chathamangalam, Calicut.

(Enter your name in transaction remarks)

Duly filled application must be sent to the coordinator on or before **14th June 2016**. **Numbers of participant are restricted to thirty to facilitate hands on training.** Early information on E-mail for registration is appreciated.

Accommodation:

Lodging and Boarding of all selected participants from AICTE approved institutions will be provided as per the standard norms in the NITC hostels if available. Boarding and lodging for the industrial/utilities participants will be arranged in the Institute Guest house/hotels on chargeable basis on request.

REGISTRATION FORM

Faculty Development Programme on Applications of Power Converters in Distributed Generation and Microgrid (APDM 2016)

19th June – 25th June, 2016.

1. Name.

2. Designation.....

3 Dept.-----

4. Address

.....

.....

Mobile:.....

E-mail.....

5. Specialization:.....

6. Years of Experience:.....

7. Accommodation required?: YES/NO

8. Online money transaction
reference number:

Signature of applicant