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**NATIONAL WORKSHOP ON
ELECTRIC POWER QUALITY (EPQ-2016)**

March 11-12, 2016

Registration Form

*Please complete the details below and mail
along with the Registration fee.*

1. Name Mr./Ms.....
2. Category: Student/Faculty/Industry
3. Organization/Institute:.....
.....
4. M.Tech/B.Tech/Diploma:.....
5. Specialization:
6. Address:.....
.....
7. Mob No:
8. E-mail ID:.....
9. Online Payment Ref No:
10. Accommodation Required: Yes/No
11. If Yes: International Hostel/Students Hostel

Signature

**NATIONAL WORKSHOP
on
ELECTRIC POWER
QUALITY**

March 11-12, 2016

Organized by



Industrial Power Group

Department of Electrical Engineering
National Institute of Technology Calicut

In Association With



Preamble:

Power quality is an important issue for electricity consumers at all levels of usage, particularly industries and the services sector. Power quality of power systems affects all connected electrical and electronic equipment and in recent years there has been a considerable increase in nonlinear loads and these draw harmonic currents which have detrimental effects. Therefore this subject is pertinent to students of all branches and is offered as an elective in many Universities across India. There is a dearth of competent faculties to teach this subject, and requirement for this course from UG/PG students from other institutes.

Therefore this course is designed to address issues related to Power quality especially at academic level. It will offer a unique opportunity to the students and researchers working in the relevant areas of Power electronics application to come closer through theoretical sessions and laboratory-based experiments/demonstrations. Professional students from academic institutes are welcome to participate in this national workshop.

Course Content:

- Introduction to Power Quality and Issues
- Harmonics and Mitigation Techniques
- Passive and Active Filters
- Active Power filtering techniques
- Voltage Quality and Issues
- Custom power devices – Distribution STATCOM Dynamic Voltage restorer, Unified Power Quality Conditioner.
- Simulation Exercises
- Hands-on experience in Laboratory

Speakers:

Faculty experts from NITC

Who Shall Benefit?

- UG and PG students of Engineering Institutes and Polytechnic Colleges.

Registration Fee:

Registration charge: Rs 250/-

Other charge (Rs 1750/-) for additional course materials and working lunch.

Online Payment:

Account No: 34385865770

IFSC code: SBIN0002207, SBI REC Chathamangalam.
(Enter your name so that receipt bears your name).

Registration Procedure:

Applicants are encouraged remit the course fee via NEFT online transfer and thereafter follow the link <http://goo.gl/forms/NmQqc0CXLo> to complete the registration process

Important Dates:

Last date for registration: **4th March 2016**

[Complete application along with registration fee should be received by the coordinator by this date]

Selection intimation to the applicant: **7th March 2016**

Boarding and Lodging:

Accommodation can be arranged in the International hostel/Student Hostel subject to availability and on prior payment.

International Hostel: Rs. 450/- (Triple Sharing per day)

Student Hostel: Rs: 250/- (Twin sharing per day)

The scanned copy of the fee receipt shall be sent as an E-mail attachment.

NIT Calicut: National Institute of Technology Calicut was founded as Regional Engineering College, Calicut in 1961. Set in a picturesque at the foothills of the Western Ghats, it is located about 22 kilometers north-east of Calicut city. It is prestigious institute with a reputation for excellence at both undergraduate, postgraduate and research levels, fostering the spirit of national integration among the students and a close interaction with industry.

Dept. of Electrical Engineering: Established in 1961, the Department of Electrical Engineering of the National Institute of Technology Calicut offers programmes leading to Bachelor's Degree, Master's Degree as well as Ph.D. The four year undergraduate programme leads to the Bachelor of Technology (B. Tech) degree in Electrical and Electronics Engineering. Specializations for the Master's level programmes are (i) Instrumentation & Control Systems (ii) Power Systems (iii) Power Electronics and (iv) Industrial Power and Automation, (v) High Voltage Engineering. The major research groups in the Electrical Engineering department are Control & Instrumentation, Power & Energy, Machines & Power Electronics, Industrial Power & Automation and High Voltage Engineering. In addition to these regular programmes, this department is also actively involved in conducting faculty development programmes, job-oriented short-term training programmes, continuing education programmes for engineering professionals and academic faculty.

Industrial Power Group is one of the leading research group in National Institute of Technology, Calicut. The main objective of the group is to develop new technologies in the field of Industrial Power and Automation and equip engineers with them. It is an interdisciplinary group with faculty, students, Research scholars and working professionals from different departments of NIT Calicut.