

About IEEE Power & Energy Society: The IEEE Power & Energy Society is a worldwide, non-profit association of more than 32,000 industry professionals, academics and students with a common interest in the electric power energy industry. The society aims for developing standards of equipment and systems, for educating members of the industry and the general public. The Society embraces research, development, planning, design, construction, maintenance, installation and operation of equipment, structures, materials and power systems for the safe, sustainable, economic and reliable conversion, generation, transmission, distribution, storage and usage of electric energy, including its measurement and control.

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TECHNOLOGY WORKSHOP ON TEST AND MEASUREMENT SYSTEMS

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

TECHNOLOGY WORKSHOP ON TEST AND MEASUREMENT SYSTEMS

21st-22nd April 2017



Organized by

Industrial Power Group

Department of Electrical Engineering
National Institute of Technology Calicut

In Association with



Preamble:

The performance of any utility system depends on the development plan in testing, measurement, and analysis of critical components. These require reliable, high performance test equipment and software at cost-effective prices. Manufacturing power efficient products has been challenging for the design engineers. Today's power supplies are driving to a level of requiring specialized power measurements that are time-consuming and complex.

Therefore this training is designed to address recent trends in R&D related to Power Quality, process control, Thermography, power electronics and drives etc . It will offer a unique opportunity to the working professionals in the relevant areas of Power electronic drives, Instrumentation and control, Thermal Imaging applications to come closer through theoretical sessions and laboratory-based experiments/ demonstrations. Working Professionals from Industries, students and faculties from academic institutes are welcome to participate in this National Training Programme.

Course Content:

- Power quality event recording, measurements and system reliability-causes, effects and mitigation
- Motor Drive system- Measurements
- Thermography- Fundamentals & applications
- Modern Process Instrumentation, recording measurements and benefits
- Simulation Exercises
- Hardware Demonstration with Hands-on Training

Speakers:

Experts from Industries and R&D organizations.

Who Shall Benefit?

- Working professionals, Faculty of Engineering Institutes and Polytechnic Colleges, Research Scholars and PG students

Important Dates:

Last date for registration: **18th April 2017**

Selection intimation to the applicant: **19th April 2017**

Registration Procedure:

Applicants are encouraged remit the course fee via NEFT online transfer and thereafter follow the link <https://goo.gl/forms/wkBgPG07rHFIE3t1> to complete the registration process

For Registration details

Contact:

Mr. Rohit K. Mathew

Email: rohitkmathew@gmail.com

Ph:+919446761771

Boarding:

Accommodation can be arranged in the International hostel/Guest House/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)

NIT Calicut: National Institute of Technology Calicut was founded as Regional Engineering College, Calicut in 1961. 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.

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.