

## About the IEEE

The Institute of Electrical and Electronics Engineers Inc. (IEEE), a nonprofit organization, is the world's leading professional association for the advancement of technology. IEEE offers a wide range of learning, career enhancement, and employment opportunities within the engineering sciences, research, and other technology areas.

The goal of these programs is to ensure the growth of skill and knowledge among professionals and to foster individual commitment to continuing education among IEEE members, the engineering and scientific community, and the general public. IEEE provides various university and corporate partner programs, online learning resources, and certificate programs through its continuing education offerings for students and professionals. These continuing education offerings also provide access to technical courses at conferences and section meetings, society education programs, and various print materials.

The IEEE has more than 377,000 members in 160 countries. The IEEE publishes more than 1,000 leading-edge conference proceedings every year, which are recognized by academia and industry worldwide as the most vital collection of consolidated published papers in electrical engineering, computer science and related fields. Student branches provide an opportunity for student members to begin networking in their areas of interest, and future profession. There are nearly 2,000 student branches in 80 countries, at various educational institutions.

## IEEE Madras Section

IEEE Madras Section came into existence in 1973 and has crossed its silver jubilee year. IEEE Madras Section has an active membership of 1737 life/senior members/ members. The student membership amounts to 5371. The IEEE Madras Section conducts technical lectures by eminent personalities from several fields, symposiums and conferences.

The section is concerned about the welfare of the students in this part of the country and wants to

improve the teaching learning process in the Engineering Colleges and Universities. With this in mind, the section is organizing Faculty Development Programme (FDP) for the teaching faculty members of Engineering Colleges and Universities in Tamilnadu.

## About the Faculty Development Programme

Teaching-Learning is an important process in academic institutions. Transfer of knowledge takes place from the teacher to the students only when the teaching is effective. The young teachers need orientation and training in effective teaching. As a service to the teaching community in the engineering in the institutions, IEEE Madras Section in association with Department of Electrical and Electronics Engineering, Jeppiaar Engineering College (JEC), Chennai is organizing Faculty Development Programme (FDP) on the topic of High Voltage in Power System and Power Quality. This two day FDP will be an excellent opportunity to listen to the experts in this field and also to discuss various effects of high voltage engineering issues. Further this programme aims to share the knowledge of all researchers, scientists, engineers and policy makers in this area.

## Course Contents

- Causes of over voltages
- Generation of over voltage
- over voltage in power system and its analysis
- Effects of over voltage in power quality
- Extra high voltage AC transmission system
- HVDC Transmission system
- EMTP- Demo

## Participants

The FDP is aimed to faculty members of Engineering Colleges and Technical Universities in Tamilnadu. The objective of the course is to impart the ability to communicate better with students.

## Course Fee

There is course fee of 500 for IEEE members and for non- members Rs.1000/-. The fee includes course

kit and lunch. The number of seat is limited and the participant will be chosen on a first-come-first-serve basis.

## Accommodation

Boarding and lodging will be provided in the Institute Guest houses/Hostels on chargeable basis on request.

## Schedule

The course on "High Voltage in Power System and Power Quality" is proposed to be held on September 3rd and 4th 2010. The program will be for two days with 6 sessions, each of maximum one and half hour and three hours EMTP Demo by Lanika Solutions Pvt. Ltd. Bangaluru.

## Important Dates

Last Date for Registration: 25.8.2010

Date of Intimation of Selection: 26.8.2010  
(Intimation through E-mail)

## Resource Persons

### Dr. N. Kumarappan

Professor of Electrical Engineering  
Annamalai University

### Dr. M.A. Panneer Selvam

Former Dean, CEG  
Anna University

### Er. K. Badhrinarayanan

Scientist  
CPRI, Bangaluru

### Dr. V. Rajendran

Professor & Head of EEE,  
Jeppiaar Engineering College, Chennai.

## How to reach the JEC, Chennai?

Jeppiaar Engineering College is situated in Rajiv Gandhi Road near Sholinganallur. The nearest railway station is Tambaram. A lot of buses and share autos are available to reach Jeppiaar Engineering College from Sholinganallur. Buses are available from Adyar bus terminus to reach the college.



## REGISTRATION FORM

Name :  
Designation :  
Organization :  
Contact Address :  
Email :  
Tel. / Cell No. :  
Reg. Category :  
IEEE Member : Yes / No  
(If yes enclose photocopy of membership card)  
Reg. Fee :  
DD No. :  
Date :  
Bank :  
Accommodation : Yes / No

Note: The Bank DD shall be drawn in favour of  
IEEE Madras Section, payable at Chennai.

Date: Signature of the Applicant

Signature of the Head of Institution

Complete Registration form along with  
demand draft to be sent to

IEEE Madras Section  
Room No. 3 ISTE Professional Centre  
Gandhi Mandapam Road, Chennai - 600 025

### Contact Details for Course

**Dr. N. KUMARAPPAN**  
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Annamalai Nagar 608002  
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**Dr. V. RAJENDRAN**  
Professor & Head  
EEE Department  
Jeppiaar Engineering College  
Chennai 600119.  
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IEEE MADRAS SECTION



*Course Title:*

**HIGH VOLTAGE IN POWER  
SYSTEM AND POWER QUALITY**

*Date*

**3<sup>rd</sup> & 4<sup>th</sup> September 2010**

*Co-ordinators*

**Dr. N. Kumarappan**

**Dr.V. Rajendran**

*Venue:*

**JEPPIAAR ENGINEERING COLLEGE,  
CHENNAI**

*Organized by*

**IEEE MADRAS SECTION**

Room No. 3, ISTE Professional Centre  
Gandhi Mandapam Road, Chennai- 600 025

**JEPPIAAR ENGINEERING COLLEGE,**

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### Contact Address

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