

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.

Through its global membership, the IEEE is a leading authority on areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics among others. The IEEE has more than 365,000 members including 68,000 students in over 150 countries. It publishes 128 transactions, journals and magazines and organizes more than 300 conferences worldwide each year.

To foster an interest in the engineering profession, the IEEE also serves student members in colleges and universities around the world.

IEEE Madras Section came into existence in 1978 and has crossed its silver jubilee year. It is organizing Technical Meets, Conferences and Seminars of highest standard for the benefit of its members. The section today has the highest number of student branches among the sections in the world.

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, Kalasalingam University, Krishnankoil is organizing Faculty Development Programme (FDP) on the topic of Software Tools for Simulation and Analysis of Power System. This two day FDP will be an excellent opportunity to listen to the experts in this field and also to discuss various power system problem issues. Further this programme aims to share the knowledge of all researchers, scientists, engineers and policy makers in this area.

Course Contents

- Modeling of power system components
- Load Flow Analysis
- Transient Stability Analysis
- Optimal Power Flow Analysis
- Load Frequency Control
- Reactive power and voltage control

Participants will be given the hands on training on the following software

- Mi-Power
- ETAP & PSCAD
- Matlab

The instructors for this programme are from Annamalai University and Kalasalingam University.

Participants

The FDP is aimed to faculty members of Engineering Colleges/Power Engineering Industries in Tamilnadu, specifically for those who have taught courses related to Power System. The objective of the course is to impart the ability to communicate better with students.

Course Fee

There is no course fee for IEEE members. For non-members the course fee is Rs.1000/-. The fee includes course material and lunch. Non members will be refunded the course fee if they become member within one year. The number of seat is limited and the participant will be chosen on a first-come-first-serve basis provided they satisfy the criterion of having taught a course on related area.

Accommodation

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

Schedule

The course on "Software Tools for Simulation and Analysis of Power System" is proposed to be held on October 3rd and 4th, 2009. The programme will be for two days with 6 sessions, each of maximum 1 hour and 6 Laboratory sessions, each of maximum 1 hour duration.

Important Dates

Last Date for Registration : 24.09.09

Date of Intimation of Selection: 25.09.09
(Intimation through E-mail)

Faculty

Eminent persons from Annamalai University and various reputed institutions will handle the various session of the programme.

How to reach the University?

The University is located 60 kms south of Madurai and 10 kms north of Srivilliputhur on Madurai-Senkottai highway. The nearest railway station is Srivilliputhur. To reach the University by bus from Madurai, board any buses bound towards Rajapalayam and alight at Krishnankoil. University bus services are available from Krishnankoil to come to our campus.



REGISTRATION FORM

Name :
Designation :
Organization :
Contact Address :
Email ID :
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.

I certify that I have taught one or more courses on Power System Analysis / CAPSA / Power System Simulation Lab.

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
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IEEE MADRAS SECTION



Course Title:

SOFTWARE TOOLS FOR SIMULATION
AND ANALYSIS OF POWER SYSTEM

Date:

3rd - 4th October 2009

Co-ordinators

Dr.N.Kumarappan
Annamalai University.

Dr.D.Devaraj
Kalasalingam University

Venue:

KALASALINGAM UNIVERSITY

Organized by

IEEE MADRAS SECTION

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KALASALINGAM UNIVERSITY

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