

## 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 the highest standard for the benefit of its members. This 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, this section is organizing Faculty Development Programme (FDP) for the teaching faculty members of engineering Colleges and Universities in Tamil Nadu.

## 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 institutions, IEEE Madras Section is organizing Faculty Development Programme (FDP) on the topics listed over leaf. The instructors for this programme will be pooled from prestigious institutions like IIT Madras, Anna University and other leading institutions.

### Participants

The teaching faculty members from Engineering institutions in Tamil Nadu can participate in the proposed Faculty Development Programme (FDP).

### Schedule

The course on "Networks and Systems" is proposed to be held on the 31st March and 1st April 2007. The Course - II on "Computer applications in power system" is proposed to be held on 7th and 8th April 2007. Each programme will be for two days with 4 sessions, each of 3 hours duration.

### Course Fee

The course fee is Rs.500/- for IEEE members and Rs.1000/- for non-members, for each course. The fee includes course material and lunch. Accommodation and transport will be the responsibility of the participants. Accommodation may be provided in Student hostel/ Institute guest house (on payment basis) subject to availability. Specific request for accommodation has to be made in advance to the IEEE office

## REGISTRATION FORM

Name :

IEEE Membership No.  
(if applicable) :

Name of the  
Institution :

Address :

Email :

Tel./Cell No. :

Details of  
Demand Draft

DD. No. :  
Drawee Bank :

Fees Paid for **Course-I/Course II/Both**

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

Signature of applicant

Signature of HOD  
(with seal of the institution)



## Details of the present Course

### Course - I

#### NETWORKS AND SYSTEMS

##### CourseContents:

- ☆ Time domain analysis of electrical circuits
- ☆ State variable methods- Equation formulation and solution
- ☆ Aspects of discrete time and continuous time signals and systems

##### CourseInstructors

Prof. Krishna Vasudevan  
Prof.C.S.Ramalingam

### Course - II

#### COMPUTER APPLICATIONS IN POWER SYSTEMS

##### CourseContents:

- ☆ Power system Optimisation
- ☆ Power system stability
- ☆ Power system control

##### CourseInstructors

Prof. M. A. Abdullah Khan  
Prof. R. Ramanujam  
Prof. K.S. Swarup

*Complete Registration form  
along with Demand Draft to be sent to :*

##### **IEEE MADRAS SECTION**

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## **IEEE MADRAS SECTION ORGANISES**



### Course - I

#### NETWORKS AND SYSTEMS

Date: 31<sup>st</sup> March and 1<sup>st</sup> April 2007

### Course-II

#### COMPUTER APPLICATIONS IN POWER SYSTEMS

Date: 7<sup>th</sup> and 8<sup>th</sup> April 2007

### Venue

Department of Electrical Engineering  
Indian Institute of Technology Madras  
Chennai- 600036

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