

REGISTRATION FORM:

Name :

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Contact Address :

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Tel. / Mobile No. :

Reg. Category :

IEEE Member : Yes / No

(If yes enclose photocopy of membership card /intimation mail from IEEE)

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 SectionRoom No. 3, ISTE Professional Centre,
Gandhi Mandapam Road, Chennai - 600 025**Contact Details for Course****Dr. N. KUMARAPPAN**

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IEEE MADRAS SECTION**Faculty Development Program***Course Title***Advanced Control System***Date***25th & 26th October 2013***Co-ordinators***Dr. N. Kumarappan****Dr.K.Srinivasan****Dr.B.Sharmila***Venue***Sri Ramakrishna Engineering College
Coimbatore – 641 022***Organized by***IEEE MADRAS SECTION****&****IEEE Student Branch****Sri Ramakrishna Engineering College***Contact Address***IEEE MADRAS SECTION**Room No. 3, ISTE Professional Centre,
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About the IEEE

The Institute of Electrical and Electronics Engineers Inc. (IEEE), a non profit 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 2777 life/ senior members/ members. The student membership is around 8154. The IEEE Madras Section conducts technical lectures, symposiums and conferences by eminent personalities from several fields.

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 institutions, the IEEE Madras Section in association with IEEE Student Branch, **Sri Ramakrishna Engineering College** is organizing a Faculty Development Programme (FDP) on the topic "**Advanced Control System**". This two days FDP will be an excellent opportunity to listen to the experts in this field and also to discuss about the underlying intention in areas applications. It has become important for the educators and practicing Engineers, to continuously update their knowledge and skills in evidence-based practice strategies, small group facilitation, active lecturing, and the productive use of technology which also helps the researchers and faculty members to update their research skills.

Course Contents:

Advanced Control System

- Introduction to Control System
- Mathematical Modeling of Linear and Non-Linear Systems
- State-Estimation
- Model Predictive Control
- Stability Analysis
- MIMO System Design
- Hands-On Training using MATLAB & LabVIEW

Participants

Faculty from a Technical Universities/Engineering Colleges of Tamilnadu can participate. The objective of the course is to impart the ability to communicate better with the students.

Course Fee

There is course fee of Rs.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 Hostels on chargeable basis on request.

Schedule

The course on "**Advanced Control System**" is proposed to be held on **25th and 26th October 2013**. The program will be for two days with 4 sessions theory, each of maximum one and half an hour and 4 sessions hands-on training, each of maximum one hour.

Important Dates

Last Date for Registration : 20-10-2013

Date of Intimation of Selection: 23-10-2013

(Intimation through E-mail)

Resource Persons

- **Dr.K.Porkumaran**
Principal, Dr.N.G.P Institute of Technology, Coimbatore
- **Dr.J.Prakash**
Professor and Head, Department of C& I,
Madras Institute of Technology (MIT), Chennai
- **Dr.J.Arun Shankar**
Associate Professor, Department of ICE,
PSG College of Technology, Coimbatore
- **Prof. P.Subha Hency Jose**
Assistant Professor(SG), Department of EIE,
Karunya University, Coimbatore
- **Prof.D.Angeline Vijula**
Associate Professor, Department of EIE, SREC, Coimbatore
- **Dr.B.Sharmila**
Associate Professor, Department of EIE, SREC, Coimbatore

How to reach the Sri Ramakrishna Engineering College, Coimbatore?

Sri Ramakrishna Engineering College is situated at Vattamalaipalayam close to Mettupalayam road. The college is 14kms from railway and central bus station. For transport details contact Dr.L.Ragunath, Professor, SREC. (Mobile No. : 98944 02345)