

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 1978 and has crossed its silver jubilee year. IEEE Madras Section has an active membership of 2096 life/senior members. The student membership is around 6973. The IEEE Madras Section conducts symposiums, conferences and technical lectures 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 skill learning process in the Engineering Colleges and Universities. With this in mind, the section is organizing Skill Development Programme (SDP) for the

Students members of Engineering Colleges and Universities in Tamilnadu.

About the Skill Development Programme for Students

This two day SDP based on Computational Intelligence Techniques in Engineering. It has become important for the students and student members, to continuously update their knowledge and skills in computational intelligence techniques applied to various engineering problem domains, which would be extremely useful in projects and paper publications.

Skill - Learning is an important process in academic institutions. Transfer of knowledge takes place from the experts to the students only when the presentation and training is effective. As a service to the student community in the engineering institutions, IEEE Madras Section in association with IEEE Student Branch, Valliammai Engineering College, Kattankulathur, Kancheepuram District is organizing Skill Development Programme (SDP) for Students on the topic of Computational Intelligence Techniques in Engineering. This two day SDP will be an excellent opportunity to listen to the experts in this field and also to discuss basics and advanced concepts of Computational Intelligence Techniques in Engineering. The SDP would be an invaluable experience for the students.

Course Contents

Computational Intelligence Techniques is a new emerging discipline that is designed to deal with various engineering problem domain for students. Computational Intelligence Techniques is the mixture of the disciplines of AI techniques like Artificial Neural Network, Fuzzy Logic and Evolutionary Programming and hybrid methods.

- Introduction to Artificial Neural Networks
- Artificial Neural Network
- Fuzzy Logic
- Evolutionary Programming
- Hybrid approach
- Hands-on training

Participants

Students from any Technical Universities / Engineering Colleges of Tamilnadu can participate.

Course Fee

There is a course fee of Rs.750/- for IEEE Student members and for non- student members Rs.1000/-. The fee includes course kit, tea 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 "Computational Intelligence Techniques in Engineering" proposed to be held on 7th & 8th September 2012. The program will be for two days with 4 sessions theory, each of maximum one and half hour and 4 sessions hands on training, each of maximum one and half hours.

Important Dates

Last Date for Registration: 04/09/2012

Date of Intimation of Selection: 05/09/2012
(Intimation through E-mail)

Resource Persons

Dr. N. Kumarappan

Professor of Electrical Engineering
Annamalai University

Dr. T. Thyagarajan

Professor of Instrumentation, MIT
Anna University, Chennai

Dr. C. Christopher Asir Rajan

Associate Professor of Electrical Engineering
Pondicherry Engineering College, Puducherry

Er. S. Anbazhagan

Assistant Professor of Electrical Engineering
Annamalai University

How to reach the VEC Kattankulathur?

Valliammai Engineering College is situated in Kattankulathur, Kancheepuram District, 1 km away from potheri Railway Station and 15km from Tambaram. Buses are available for every 10 minutes from Tambaram Bus Stand.



REGISTRATION FORM

Name :
Year :
Institution Name :
Contact Address :
Email :
Tel. / Cell No. :
Reg. Category :
IEEE Student Member : Yes / No
(If yes enclose photocopy of membership card)
Membership No. :
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

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IEEE MADRAS SECTION



Course Title:

**“COMPUTATIONAL
INTELLIGENCE TECHNIQUES
IN ENGINEERING”**

Date

7th & 8th September 2012

Co-ordinators

**Dr. N. Kumarappan
Dr. D. Padma Subramanian**

Venue:

**Valliammai Engineering College
Kattankulathur, Kancheepuram District**

Organized by

IEEE MADRAS SECTION
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