

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

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, Velammal Engineering College (VEC), Chennai is organizing Faculty Development Programme (FDP) on the topic of Natural Computation in Engineering. This two day FDP will be an excellent opportunity to listen to

the experts in this field and also to discuss various natural computations in engineering issues. Further this programme aims to share the knowledge of all researchers, scientists, engineers and policy makers in this area.

Course Contents

- Neural Computation
- Evolutionary Computation
- Swarm Intelligence
- Artificial Immune Systems
- Ant Colony Search
- Fuzzy Logic

Participants will be given the demo on few techniques.

The resource persons for this programme are from Annamalai University, Pondicherry Engineering College, IIT (Madras), Anna University (Chennai) and IGCAR (Kalpakkam).

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 no course fee for IEEE members. For non-members the course fee is Rs.1000/-. The fee includes course kit 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.

Accommodation

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

Schedule

The course on "Natural Computation in Engineering" is proposed to be held on February 6th and 7th, 2010. The programme will be for two days with 6 sessions, each of maximum one and half hour and 2 Demo sessions, each of maximum one and half hour duration.

Important Dates

Last Date for Registration: 1.2.2010

Date of Intimation of Selection: 3.2.2010 (Intimation through E-mail)

Resource Persons

Dr. N. Kumarappan
Professor of Electrical Engineering
Annamalai University
Annamalai Nagar 608002.

Dr. C.Christober Asir Rajan
Associate Professor of EEE
Pondicherry Engineering College
Puducherry 605014

Dr. G. Saravana Kumar
Assistant Professor of Engg. Design
Indian Institute of Technology (Madras)
Chennai 600036

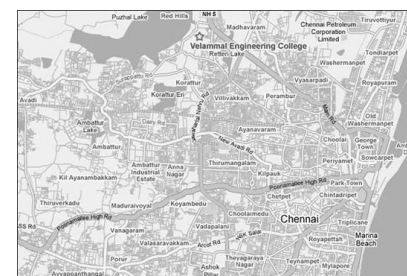
Dr. G.Uma
Associate Professor of EEE
College of Engineering Guindy
Anna University, Chennai 600025

Dr. V.S. Srinivasan
Scientific Officer
IGCAR
Kalpakkam 603102

How to reach the VEC, Chennai?

Velammal Engineering is situated in Ambattur-Redhills Road. The nearest railway station is Ambattur. A lot of buses and share autos are available to reach Velammal Engineering College from Ambattur. Buses are available from Koyambedu Bus terminus to reach Ambattur. Ambattur is also well connected by railways from Chennai Central and Chennai Egmore.

Route map:



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.

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
**NATURAL COMPUTATION IN
ENGINEERING**

Date
6 - 7 February 2010

Co-ordinators
Dr.N.Kumarappan
Dr. P Chidambaram
Dr. C.Christober Asir Rajan

Venue
**VELAMMAL ENGINEERING COLLEGE,
CHENNAI**

Organized by
IEEE MADRAS SECTION
Room No.3, ISTE Professional Centre,
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