

## 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 2373 life/senior members/ members. The student membership is around 8010. 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, **CSI Institute of Technology, Thovalai** is organizing a Faculty Development Programme (FDP) on the topic "**Neural and fuzzy Methods of Engineering**". 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:

- Introduction to Artificial Neural Networks
- Artificial Neural Network
- Fuzzy Logic
- Hybrid Techniques
- Image Processing (App.)
- Hands-on training

## 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 "Neural and Fuzzy Methods in Engineering" is proposed to be held on 27<sup>th</sup> and 28<sup>th</sup> September 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: 20-09-2013  
Date of Intimation of Selection: 25-09-2013  
(Intimation through E-mail)

## Resource Persons

### Dr. N. Kumarappan

Professor of Electrical Engineering,  
Faculty of Engg. & Tech., Annamalai University.

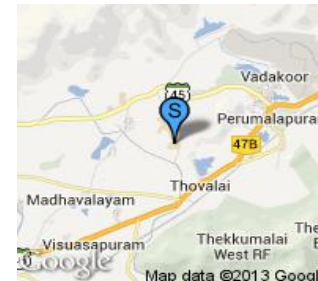
### Dr. S. Radhakrishnan,

Senior Professor, Dept. of Computer Science and Engg.,  
Kalasalingam University, Krishnankoil.

### Mr. S. Anbazhagan

Assistant Professor of Electrical Engineering,  
Faculty of Engg. & Tech. Annamalai University.

## How to reach the CSI Institute of Technology?



CSI Institute of Technology is situated in the vicinity of Kanyakumari District at Thovalai – Tirunelveli road. The college can be reached by road and railways at a distance of 1 km from Thovalai and a distance of 15 kms from Nagercoil railway station.

