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 1973 and has crossed its silver jubilee year. IEEE Madras Section has an active membership of 1141 life/senior members/ members. The student membership is around 3199. The IEEE Madras Section conducts technical lectures by eminent personalities from several fields, symposiums and conferences.

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, IEEE Madras Section in association with Department of Electronics and Communication Engineering, V.M.K.V. Engineering College, Salem is organizing Faculty Development Programme (FDP) on the topic of **"A Complementary Essentials of MATLAB & LABVIEW-Theory and Practice"**. This two day FDP will be an excellent opportunity to listen to the experts in this field and also to discuss basics and advanced topics with hands-on training using MATLAB & LABVIEW and will explore new directions in their applications to engineering and industry. Further this Programme comprises of lecture cum- demo of MATLAB and LABVIEW with 'hands-on' training in the basic commands. It has become important for the educators and practicing engineers, to continuously update their knowledge and skills in MATLAB & LABVIEW which also helps to researchers and faculty members to update their research skills.

Course Contents

MATLAB is text based software for scientific calculations. Its versatility of applications with many tool boxes is well-known. Lab VIEW is software based on Graphical User Interface. With its many tool boxes, it is highly suitable for virtual instrumentations. It is 'drag and drop' of icons in block diagram and function. This software's are complementary in their applications to engineering and industry.

An Introduction to MATLAB & LABVIEW
Desktop layout
Basic arithmetic operations in command window
Matrix algebra, curve plotting, common functions and properties
2D and 3D plots
Laplace transform and Fourier transform with applications

Participants

Faculty from any Technical Universities / Engineering Colleges of Tamilnadu can participate. The objective of the course is to impart the ability to communicate better with 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 Guest houses /Hostels on chargeable basis on request.

Schedule

The course on **"A Complementary Essentials of MATLAB & LABVIEW-Theory and Practice"** is proposed to be held on May 9th and 10th 2012. The program will be for two days with 4sessions 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: 02-05-2012

Date of Intimation of Selection: 04-05-2012
(Intimation through E-mail)

Resource Persons

Dr. G. Sainarayanan
Senior Technical Specialist,
Image Tec labs, HCL Technologies Ltd, Chennai.

Dr. J. Sethuraman
Dean Innovation & Extension,
V.M.K.V. Engineering College, Periyaseeragapadi,
Salem-636308.

How to reach the V.M.K.V. Salem?

V.M.K.V. Engineering College is situated in Periyaseeragapadi, Salem, 14km away from Salem Railway station and 15km from City bus-stand. Lots of buses (87, 72, 65, 62, 30 from old bus stand) and autos are available.

Name :

Designation :

Organization :

Contact Address :

Email :

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

Dr. N. KUMARAPPAN
EAC Chair
EXCOM Member
IEEE Madras Section
Mobile: 9942055263
Email: kumarappan_n@hotmail.com

Dr. A. NAGAPPAN
Principal,
V.M.K.V. Engineering College,
Periyaseeragapadi,
Salem-636308
EXCOM Member
IEEE Madras Section

Mobile: +91 94432 90138
Email: hod_ece09@yahoo.com

IEEE MADRAS SECTION

FACULTY DEVELOPMENT PROGRAMME

Course Title:

A COMPLEMENTARY ESSENTIALS OF MATLAB & LABVIEW-THEORY AND PRACTICE

Date
09th & 10th May 2012

Co-ordinators
Dr. N. Kumarappan
Dr. A. Nagappan

Venue:
V.M.K.V. ENGINEERING COLLEGE SALEM

Organized by

IEEE MADRAS SECTION
Room No. 3, ISTE Professional Centre
Gandhi Mandapam Road, Chennai- 600 025

V.M.K.V. ENGINEERING COLLEGE,
Periyaseeragapadi, Salem-636308.
Ph: +91 427 2337700

Contact Address
IEEE MADRAS SECTION
Room no. 3, ISTE Professional Centre
Gandhi Mandapam Road, Chennai 600 025
Tel: +91 44 2442 3939   Cell: 93823 28776
Fax: +91 44 2442 3939
Email: ieeemas@airtelmail.in