

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 2478 life/senior members/ members. The student membership is around 8736. 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, Jeppiaar Engineering College is organizing a Faculty Development Programme (FDP) on the topic "Electronic Design Automation for VLSI and Graphical System Design For communications & DSP". 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 such as VLSI Circuits, Xilinx, Tanner EDA Design Flow, Mentor Graphics Design Flow, VLSI – DSP flow, VSIM Integrated with Texas Instruments for DSP, NI Lab VIEW for Communication.. It has become important for the educators and practicing engineers, to continuously update their knowledge and skills in soft Human Computer Interactions (HCI) which also helps the researchers and faculty members to update their research skills.

Course Contents:

- VLSI Circuits
- Xilinx,
- Tanner EDA Design Flow
- Mentor Graphics Design Flow,
- VLSI – DSP Flow
- VSIM Integrated Texas Instruments for DSP
- NI-Lab View

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 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

Electronic Design automation for VLSI and Graphical system Design for Communications & DSP" is proposed to be held on 7th February and 8th February 2013.

Important Dates

Last Date for Registration: **26-11-2012**
Date of Intimation of Selection: **27-11-2012**
(Intimation through E-mail)

Resource Persons

Dr. J. Venu Gopala Krishnan,
Professor of ECE
Jeppiaar Engineering College,
Chennai.

Dr. R. Seshasayanan,
Asst. Prof / ECE, CEG, Anna University,
Chennai

Dr. Reeba Korah,
Professor, ECE,
St. Joseph's College of Engineering
Chennai.

Dr. Sathiya Bharath Sahoo,
Technical Engineering,
Visual Studio, Hyderabad

Dr.N. Kumarappan,
Professor, EEE,
Annamalai University

How to reach the JEC, Chennai?

Jeppiaar Engineering College is situated in Rajiv Gandhi Road near Sholinganallur. The nearest railway station is Tambaram. A lot of buses and autos are available to reach Jeppiaar Engineering College from sholinganallur. Buses are available from Adyar bus terminus to reach the college



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:
Electronic Design Automation for VLSI and
Graphical system Design for Communications &
DSP

Date
24th February & 25th February 2013

Co-ordinators
Dr. N. Kumarappan
Mr. S. Sellakumar
Dr. J. Venu Gopala Krishnan

Venue:
JEPPIAIR ENGINEERING COLLEGE
CHENNAI

Organized by
IEEE MADRAS SECTION
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&
IEEE Student Branch
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