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.

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 2300 life/senior members/ members. The student membership is around 5756. The IEEE Madras Section conducts technical lectures, symposiums, conferences, FDPs,SSDPs,and TISP 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 and pre universities. With this in mind, the section is organizing Teachers In-Service Program (TISP) for School teachers and Students in Tamilnadu.

About the TISP

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, IEEE Madras Section is organizing Teachers In-Service Program(TISP) . This one day program will be an excellent opportunity to increase the level of understanding among the pre-university educators.

Further this program will enhance the level of technological literacy of pre-university students. It provides guidance to pre-university educators on professional development areas that students need including engineering. It identifies ways, how pre-university educators can assist schools and school system in technological literacy.

Course Contents

Theory session:
- ➤ Understanding the IEEE
- ➤ Engineer your Classroom!

Hand-on activities:
- ➤ Build your own solar car (toy)
- ➤ Wind mill

Panel discussion

Participants

Teachers and students from any school can participate. The objective of the course is to impart the ability of technical literacy among teachers and students.

Course Fee

There is course fee of Rs.75/- for Teachers and for student Rs.75/-. The fee includes course kit, tea and lunch. From each school the four plus one (four students +1 teacher) are allowed to participate. The number of seats is limited and the participants will be chosen on a first-come-first-serve basis.

Schedule

The Teachers In-Service Program (TISP) is proposed to be held on 31st August 2013. The program will be for one day with two theory sessions of maximum one hour and two sessions of hand-on activity with a maximum of one and a half an hour each and finally an hour of panel discussion..

Important Dates

Last Date for Registration: 29-08-2013

Resource Persons

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