

REGISTRATION FORM

Name:

Designation:

Organization:

Contact Address:

Email:

Mobile:

IEEE Member: Yes / No

(If yes attach Copy of membership card)

Registration Fees:

DD Number:

Date:

Bank:

DD should be drawn in favor of

IEEE MADRAS SECTION payable at
Chennai.

Date: Signature of Applicant

**Filled Registration Form along with DD
to be sent to
IEEE MADRAS SECTION
Room No 3, ISTE Professional Center,
Gandhi Mandapam Road, Kotturpuram,
Chennai – 600025
Copy to be sent
ecceieeadvisor@gmail.com**

Contact Persons for the program

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IEEE MADRAS SECTION



Faculty Development Program

Course Title

Advances in Robotics and Autonomous
Systems

Date(s)

April 10-11, 2017

Venue

**Department of Electronics and
Communication Engineering**

**St. Joseph's Institute of
Technology
(St. Joseph's Group of Institutions)
OMR, Chennai - 119**

Organised by

**IEEE Madras Section
&
IEEE SB Chapter (STB 16181)
St. Joseph's Institute of Technology**



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 400,000 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 2275 life/ senior members/ members. The student membership is around 4716. 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 Tamil Nadu, India.

About the Faculty Development Program

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 This 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.

About the College

St Joseph's Institute of Technology started in the year 2011. It is a Christian minority institution with six UG streams viz B.E – ECE, CSE, EEE, MECH, CIVIL & B.Tech IT. The college has best infrastructure including auditorium, mess halls, administrative block, labs, classrooms and hostels covering an area of 10 lakhs sq. Ft. Our College is one of the leading Engineering colleges that focus not only in knowledge but also in good ethics to the budding engineers of the future of India.

About the Department

Department of Electronics and Communication Engineering was started in August 2011 with a sanctioned intake of 60 and increased to 120 during the academic year 2012- 2013. The department is well equipped with all electronics and communication laboratories which include RF & Microwave, Optical, Signal Processing, Networks and VLSI Lab.

Course Contents

Day 1: Robotics & Application

Overview on Robotics Advancement
Engineering Concepts related to Robotics
Scope & Opportunities
Insight on Advanced Technologies
Overview on Surface, Aerial & Underwater Robotics
Hand on Training with Arduino
Q & A Session

Day 2: Autonomous System

Learning of New & Advanced Developing Field
Deep Learning
Sensor Fusion
Communication
Localization
Task based Learning
Q & A Session

FDP Coordinators

Dr. C.Gnanakousalya M.E., Ph.D.,
Dr. G.Rohini M.E., Ph.D.,
Mr.V.R.Balaji M.E.,(Ph.D)
Mr.T.Siva M.E.
Mr.S.Sevagan, M.Tech.,

Participants

Faculty from Technical Universities/Engineering Colleges of Tamilnadu can participate.

Course Fee

IEEE Members: Rs 500
Non IEEE Members: Rs 1000

Important Dates

Last Date for registration: April 01, 2017

Intimation by email: April 5, 2017

How to reach Venue:

COLLEGE BUS	ROUTE NO.	TIMINGS
CENTRAL	22	6.15 AM
EGMORE	24	6.20 AM
KOYEMBEDU	12	6.10 AM