

REGISTRATION FORM

1. Name :
2. Gender : M F
3. Qualification :
4. Designation :
5. Department :
6. Name of the Institution :
7. Experience :
8. Address for Communication

Phone(Off) : _____ E-mail : _____
Mobile : _____

9. Payment Details
Amount : Rs. _____ DD No. : _____
Date : _____ Bank Details : _____

Place: _____
Date: _____ Signature

DECLARATION

_____ is a Faculty / Student of our institution and is permitted to attend the Workshop on Robotics conducted by the Department of Electronics and Communication Engineering, SSN College of Engineering during February 21-22, 2012.

Signature of the Head of the Institution
with Office seal and date

ORGANISING COMMITTEE

CHAIRPERSON : MS.KALA VIJAYAKUMAR
PRESIDENT, SSNCE

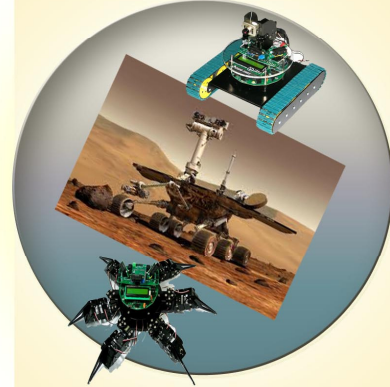
CO-CHAIR : Dr. S. Saliivahanan,
Principal, SSNCE

CONVENERS : Dr.S. Radha,
HOD,ECE Department
Dr.R. Jayaparvathy,
Professor, ECE Dept

Co-CONVENER : Ms.D. Pavithra,
Asst.Professor, ECE Dept

WORKSHOP ON INTRODUCTION TO ROBOTICS

FEBRUARY 21-22 2012



SSN



Department of Electronics and
Communication Engineering

SSN COLLEGE OF ENGINEERING,
www.ssn.edu.in

Department of Computer
Science and Engineering

INDIAN INSTITUTE OF
TECHNOLOGY BOMBAY
<http://www.iitb.ac.in/>

ABOUT THE INSTITUTION

SI Sivasubramanya Nadar College of Engineering (SSNCE) is the outcome of the vision and initiative of Padma Bhusan Dr. Shiv Nadar, Chairman of HCL Technologies Ltd. and a pioneer in the field of Information Technology. The Institution reflects the ideals of its founder and seeks to achieve excellence as an advanced research centre in Information and Communication Technology domains. The Board of Management under the Chairmanship of Mr. R. Srinivasan, Mrs. Kala Vijayakumar, President, SSN Institutions and the Principal Dr. S. Saivahanan facilitate the good governance of the institution. The institution was established in 1996 on a sprawling campus of 250 acres on Rajiv Gandhi Salai known as "Cyber Corridor" of Chennai. The campus comprises aesthetically designed buildings that are networked by fiber optic cables and WIFI. The institution offers eight B.E/B.Tech Degree programmes in ECE, EEE, CSE, IT, BME, Chem. Engg, Mech. Engg and Civil Engg and seven M.E. degree programmes in Communication Systems, Applied Electronics, VLSI Design, Computer Science & Engineering, Software Engineering, Computer & Communication and Power Electronics & Drives in addition to MBA and MCA. The admission is done purely based on merit. The Institution is certified with ISO 9001:2008 and the UG and PG programmes have been accredited by NBA & NAAC.

ABOUT THE DEPARTMENT:

The Department of Electronics and Communication Engineering (ECE) was established in the year 1996 with the vision of developing the department as a Centre of Excellence in R&D, in the field of Electronics and Communication Engineering and make the students blossom into meritorious and self-disciplined engineers by hard work.

The Department's mission is to develop innovative and simple instructional material to drive the concepts into the minds of students and infuse scientific temper in the students and guide them towards research in communication engineering. It is also to grow a committed group of competent teachers striving for excellence, be it in teaching or research and to develop Collaborative Research and Development linkages with leading organizations in India and abroad.

The Department offers M.E. in Communication Systems, Applied Electronics and VLSI Design in addition to BE in ECE. The Department is recognized as a Research Centre by Anna University, Chennai and offers PhD and MS (By Research). The department is well-equipped with the state-of-art laboratories. The department has organized two STTPs sponsored by AICTE – ISTE, six FDPs sponsored by Anna University, and many national level workshops. The department has organized three International Conferences and one National Conference. The Department also carries the funded projects of from NIOT, AICTE, IGCAR and SSN institution.

ERTS LAB:

The Embedded Real Time Systems lab (ERTS) was established in 2001 to support teaching and research in the area of Embedded Systems in the Computer Science & Engineering Department (CSE), IITB, Mumbai. However, Embedded Systems being cross-disciplinary in nature, often has researchers from across departments (Aero, Mechanical Engg., Systems & Control) working collaboratively. Through its participation in the Distance Education activities of IIT-Bombay the lab has been able to reach out to seed Embedded Systems programs in Engineering colleges throughout India.

The primary areas of research of ERTS lab has been

- ❑ Embedded Systems Modeling and Design
- ❑ Real Time Operating Systems Design
- ❑ Robotics

OBJECTIVES

This workshop on Robotics is focused at motivating young and talented Engineers to take up projects on Embedded systems and Microcontrollers, so that they develop as Embedded Engineers in future. Also, this programme aims to encourage industry focused learning in the field of Robotics.

IMPORTANT TOPICS TO BE COVERED

- ❑ Introduction to P89V51RD2 microcontroller
- ❑ Robot velocity control
- ❑ Closed loop position for robot control
- ❑ Adaptive cruise control
- ❑ Hands on training with Fire Bird V Robot

TARGET PARTICIPANTS

Faculty and students from Engineering Colleges in India, who seek a sound & motivating introduction towards the robotics field can apply. Participants will be accommodated on a first come first serve basis, as only limited seats are available.

IMPORTANT DATES

1. Last Date for the receipt of Registration Form along with DD : 13.02.2012
2. Notification of Selected Participants through E-mail : 16.02.2012

REGISTRATION

- ❑ Registration fee: Faculty: Rs. 1000/-
Student: Rs. 750/-
- ❑ Registration fee includes lunch, and refreshment.
- ❑ The Registration Form in the prescribed format, duly recommended by the Head of the Institution along with non-refundable DD drawn in favour of "The Principal, SSN College of Engineering", payable at Chennai should be sent.

POSTAL ADDRESS

The Convener
Workshop on "Introduction to Robotics"
ECE Department,
SSN College of Engineering,
Kalavakkam – 603110

CONTACT PERSONS

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