

### CHIEF PATRON

**Mr. S. MOHAMED JALEEL**

Founder & Chairman

### PATRONS

**Mr. S. M. SEENI MOHAIDEEN**

Chief Executive Officer

**Mr. S. M. SEENI MOHAMED ALIAR MARAIKKAYAR**

Joint Chief Executive Officer

**Dr. A. SENTHIL KUMAR**

Principal

**Dr. G.D. SIVA KUMAR**

Vice Principal & HOD / Mech.

### COORDINATOR

**Dr. K. ARUN BALASUBRAMANIAN**

Professor / Mechanical

### CO-COORDINATORS

Dr. C. KAILASANATHAN, Prof. / Mech

Mr. G. PITCHAYYA PILLAI, Asso. Prof. / Mech

Mr. T. GANGADHARAN, Asst. Prof. / Mech

Mr. P.R. RAJKUMAR, Asst. Prof. / Mech

Mr. G. VENKATESAN, Asst. Prof. / Mech

### MEMBERS

Mr. R. SEENIVASAN, Asst. Prof. / Mech

Mr. S. DEVANAND, Asst. Prof. / Mech

Mr. R. JAYAPRAKASH, Asst. Prof. / Mech

Mr. P. MEENATCHISUNDARAM, Asst. Prof. / Mech

Mr. P. KARUPPASAMY, Asst. Prof. / Mech

Mr. A. PERUMAL, Asst. Prof. / Mech

Mr. A. SHYAM SUNDAR, Asst. Prof. / Mech

Mr. V. RAMACHANDRAN, Asst. Prof. / Mech

### TARGET AUDIENCE

- Faculty members
- Research scholars
- Industrial persons
- PG Scholars

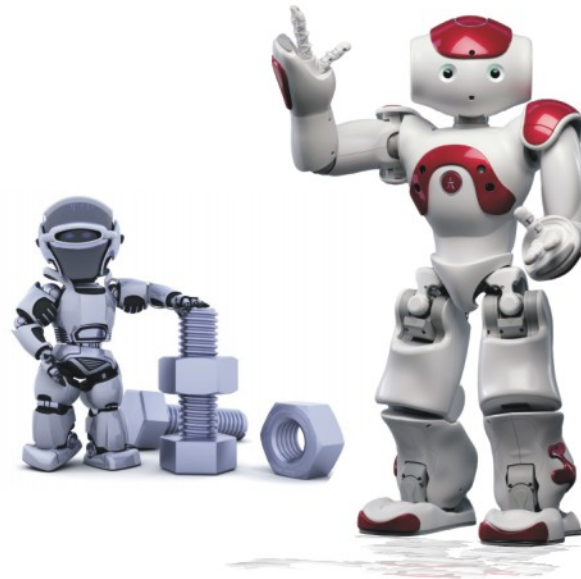
### IMPORTANT DATES

Last date for Registration : 10.11.2017

Intimation through mail : 17.11.2017

### REGISTRATION FEE

No Registration Fee



### ADDRESS FOR CORRESPONDANCE

**Dr. K. Arun Balasubramanian**

**Coordinator**

**Department of Mechanical Engineering**

**Sethu Institute of Technology**

**Pulloor, Kariapatti – 626115.**

**04566 – 308001 (ext – 233)**

**Mobile: 9894136672, 9842637695**

**Email: [roboseminar2017@gmail.com](mailto:roboseminar2017@gmail.com)**



**AICTE SPONSORED  
NATIONAL LEVEL SEMINAR ON**

# RECENT TRENDS IN ROBOTICS

*29<sup>th</sup> November 2017*



*Organized By*

**DEPARTMENT OF MECHANICAL ENGINEERING**

(Accredited by NBA, New Delhi)

(Approved Research Centre by Anna University, Chennai)

## SETHU INSTITUTE OF TECHNOLOGY

**AN AUTONOMOUS INSTITUTION | ACCREDITED WITH 'A' GRADE BY NAAC**

Approved by AICTE, New Delhi & Permanently Affiliated to Anna University, Chennai

Recognized by UGC under Section 2(f) & 12(B) of UGC Act, 1956

Approved Research Centre for Mech., CSE, ECE, EEE, Civil, Physics & Chemistry by Anna University, Chennai  
Mech., CSE, ECE Accredited by NBA, New Delhi, under Washington Accord (Tier-1) & EEE and IT Re-accredited by NBA, New Delhi

**PULLOOR - 626 115, KARIAPATTI TALUK. VIRUDHUNAGAR DISTRICT.**

### **ABOUT THE INSTITUTION**

Sethu Institute of Technology (SIT) established in 1995 is one of the premier institutions for Engineering and Technological Education in Tamilnadu. The Chairman Mr. S. Mohamed Jaleel B.Sc. B.L., has an uncompromising zeal and vision to impart quality technical education. The principal Dr. A. Senthil Kumar M.E. Ph.D., an eminent scholar having more than 25 years of teaching and research experience in engineering colleges, is leading the institution with dedication. The institute is located in the Madurai-Tuticorin national highways, nearly 25 kms from Madurai in a campus spreading over 120 acres. SIT offers Under Graduate engineering courses in eight disciplines and seven Post Graduate courses.

### **ABOUT THE DEPARTMENT**

The department of Mechanical Engineering was incepted in the year 1995 with the objective of developing mechanical engineers to achieve excellence in global scenario. The department has been accredited by the National Board of Accreditation (NBA), New Delhi. The Department of Mechanical Engineering has been approved as a research centre by Anna University Chennai. It has well equipped laboratories, and other infrastructure with well-qualified faculties. The department has received more than one crore from various funding agencies for various projects.

### **ABOUT AICTE**

All India Council for Technical Education (AICTE) was set-up to conduct survey on the facilities on technical education and to promote development in the country. AICTE is vested with statutory authority for planning, formulation and maintenance of norms and standards, quality assurance through accreditation, funding in priority areas, monitoring and evaluation, maintaining parity of certification and awards and ensuring coordinated and integrated development and management of technical education in the country.

### **COURSE OBJECTIVES**

The objective of the Seminar is to provide the platform for the design simulation and application of Robotics is an important topic to be encouraged in engineering curriculum and the present day teacher should be equipped with adequate knowledge in this area. The seminar programme on "Recent Advances in Robotics" will cover the various areas. This will benefit the large number of faculty members to teach the robotics subject.

### **COURSE CONTENT**

- ✓ Robot kinematics
- ✓ Dynamics
- ✓ Sensors in robotics
- ✓ Actuators in robotics
- ✓ End effectors
- ✓ Mobile robots
- ✓ Robot vision
- ✓ Robot control methods
- ✓ Robot applications
- ✓ Humanoid robots

### **COURSE FACULTY**

Sessions will be handled by experts from various institutions like IITs, NITs & Anna University.

### **HOW TO APPLY**

Photo copy of the registration form properly filled, duly signed and recommended by the head of the institution / Department may be sent to the convener.

## **REGISTRATION FORM**

*AICTE SPONSORED*

*NATIONAL LEVEL SEMINAR ON*

# **RECENT TRENDS IN ROBOTICS**

*29<sup>th</sup> November 2017*

1. Name :
2. Designation:
3. Qualification:
4. Experience:
5. Email ID:
6. Mobile:
7. Institution Name & Address:
  
8. Affiliated to Anna University : Yes/No
9. Accommodation Required : Yes/No

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the FDP Training Program. If selected, I shall attend the program for the entire duration.

Place :

Date :

Signature of the applicant

Signature of Head of the Institution with Seal