

## SESSION DETAILS

### DAY 1

**Inauguration** (9.00 AM - 10.45 AM)

**Session 1** (11.00 AM - 1.00 PM)

Introduction of Arduino and Serial Communication

**Session 2** (2.00 PM- 4.00 PM)

Hands on to Build a Robot

### DAY 2

**Session 3** (9.00 AM - 11.00 AM)

Introduction to Internet of Things and ESP8266(Wifi)

**Session 4** (11.00 AM - 1.00 PM)

Basic Android App Development Control and Data Acquisition of Robots using IoT

**Session 5** (2.00 PM - 4.00 PM)

IoT Challenge

Present Your Innovation Idea.

Best innovation will be awarded

\* **Bring atleast 1 Laptop/Team and Android Smart Phone with Wifi Enabled**

\* **4 Person in a Team will own a Kit (Free of cost)**

\* **Less than 4Person have to share with other Team**

### PREREQUISITE FOR CHALLENGE

Follow our extra tutorial at our event website increase your wining chance.

### REGISTRATION FEE

IEEE Member : Rs. 500/-

Non-IEEE Member : Rs. 700/-

Fee should be sent by D.D. in favour of "SEEE SAEC", payable at Chennai. The fee includes kit, refreshments and lunch.

\* No Registration Fee for IoT Challenge.

\* A team of 4 Person will receive robotic kit Free.

### FOUNDER :

(Late) **Shri. D. SUDHARSSANAM**

### CHIEF PATRON :

**Shri. D. DURAISWAMY**, Chairman

**Shri. D. PARANTHAMAN**, Vice Chairman

**Shri. D. DASARATHAN**, Secretary

**Shri. S. AMARNAATH**, Correspondent

**Shri. S. GOPINATH**, Joint Secretary

### PATRON :

**Shri. P. VENKATESH RAJA**, B.E., M.S.,  
Director

### CO-PATRON :

**Dr. P.K. NAGARAJAN**, M.E., Ph.D.,  
Principal

### CONVENORS :

**Dr. S. PRIYA**, M.E., Ph.D.,  
Professor/HoD/EEE

### ADVISORY COMMITTEE :

**Dr. K. SATHIYASEKAR**, M.Tech., Ph.D.,  
Professor/EEE

**Dr. A. SURESH**, M.E., Ph.D.,  
Professor/EEE

### CO-ORDINATORS :

**Mr. R. MAHENDRAN**, AP/EEE, SAEC  
Email id : mahendranr@saec.ac.in  
Mobile : 8608088665

**Mr. SURESH S**, AP/EEE, SAEC  
Email id : sureshs@saec.ac.in  
Mobile : 9788845008



**IEEE**  
Madras Section

sponsored



## TWO DAYS WORKSHOP on INTERNET of ROBOTIC THINGS (IoT) and IoT CREATIVE CHALLENGE

18th and 19th August 2017

Organized by

**Department of Electrical and  
Electronics Engineering**

Training Partner



**S.A. ENGINEERING COLLEGE**

(Accredited by NBA, NAAC with 'A' Grade &  
ISO 9001:2008 Certified Institution)

Poonamallee – Avadi Main Road,  
Thiruverkadu, Chennai – 600 077.

Phone : 044-2680 1999, 2680 1499

Fax : 044-2680 1899

Website : www.saec.ac.in



## ABOUT THE COLLEGE

S.A. Engineering College was established by the Dharma Naidu Educational & Charitable Trust in the year 1998-'99. The college is approved by AICTE Delhi and affiliated to Anna University, Chennai, Tamilnadu. The college is well-planned with 4 lakhs sq.ft. of constructed area which includes classrooms, drawing halls, laboratories, workshops and associated facilities. In recognition of the high quality policies being implemented by the institution, M/s TUV NORD has accorded ISO 9001:2008 Certification. All the under graduate programs are accredited by National Board of Accreditation (NBA), NEW DELHI and NAAC certified with 'A' grade. The college offers following 6 U.G programme and 7 PG programme.

- B.E. - Civil Engineering
- B.E. - Computer Science and Engineering
- B.E. - Electronics and Communication Engineering
- B.E. - Electrical and Electronics Engineering
- B.E. - Mechanical Engineering
- B.Tech. - Information Technology
- M.E. - Computer Science and Engineering
- M.E. - Communication Systems
- M.E. - Embedded System Technologies
- M.E. - Power Electronics and Drives
- M.E. - CAD/CAM
- M.B.A. - Master of Business Administration
- M.C.A. - Master of Computer Applications

The college maintains high standards of education by providing a wide array of world class academic facilities, employing highly qualified and experienced faculty members and creating an ambience of conducive quality education.

## ABOUT THE DEPARTMENT :

The Department of EEE has 17 years of excellence service offering UG Programme in Electrical and Electronics Engineering and PG Programme in Embedded System and Technologies & Power Electronics and Drives. It has spacious and well-equipped laboratories and classrooms. The department has well experienced, highly qualified faculty members. It has successfully imparted knowledge to numerous students who have excelled profoundly achieving university ranks. The department Association organizes national/international level symposiums, conferences, Seminars, Guest Lectures, Industrial Visits, Personality Development Classes and placement training, etc., which helps to improve the student's caliber.

## PARTICIPANTS :

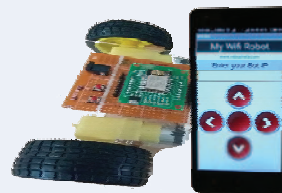
Industry Professional, Faculty members working in Engineering Colleges, Research scholars, PG/UG students from Engineering Fields.

## OBJECTIVE :

The robots, take real action (and are) in the physical world. In other words: your intelligent device "does" something. The device (robot) is intelligent in the sense that it has embedded monitoring (and sensing) capabilities and at the same time can get sensor data from other sources which are fused for the 'acting' purpose of the device.

## RESOURCE PERSONS :

Sessions will be handled by experts from ResproLabs.



## REGISTRATION FORM

### TWO DAYS WORKSHOP

on

### “INTERNET OF ROBOTIC THINGS (IoT)”

#### A) PERSONAL DETAILS

(in capital letters)

Full Name :

Designation :

Qualification :

Gender :

Name of the Institution :

Address for communication :

Phone :

Email :

#### B) REGISTRATION DETAILS

Amount paid :

DD No :

Bank :

Mr./Ms.....

is sponsored to attend the Two days workshop on “Internet of Robotic Things (IoT)” from 18<sup>th</sup> to 19<sup>th</sup> August, 2017 at S.A. Engineering College, Chennai.

Date :

Signature