

REGISTRATION FORM

TWO DAY NATIONAL LEVEL WORKSHOP on HANDS ON TRAINING ON APPLICATIONS OF EMBEDDED SYSTEM USING ARDUINO

5th & 6th October 2017

- 1.Name :
- 2.Designation :
- 3.Qualification :
- 4.Institution/Organization
Address :
- Phone :
- Email Id :
- 5.Accommodation required : Yes/No
- 6.Details of Registration Fee :
- Amount :
- DD no. :
- Date :
- Name of the bank :
- 7.Participant category: Faculty/Research Scholars/
Students

8. Signature of the Head of the Institution/Head of the
Department

Office seal :

Date: Signature of the Applicant

REGISTRATION DETAILS

Registration from participants are to be sent in the prescribed format duly attested by the Head of the Institution/ Head of the Department along with the registration fee in the form of a DD drawn in favor of "The Principal, Sethu Institute of Technology" payable at Madurai on or before 3rd October 2017.

Participants can avail the college bus facility for conveyance from Madurai during the period of seminar. However if required accommodation can be arranged in the hostels.

For Polytechnic/UG/PG Students : Rs.300/-
Faculty/Research scholars : Rs.400/-
Industry delegates : Rs.500/-

**Last date of receipt of application
along with DD: 03.10.2017**

HOW TO REACH

- From Madurai Railway Station to Kariapatti via Pulloor Route:76 series
- From Mattuthavani bus stand :All the buses plying to Arupukkotai will pass via Kariapatti
- SIT buses will ply from Matuthavani and Periyar Bus stand at 7.45 am

CORRESPONDENCE

**The Head of the Department,
Department of Electrical & Electronics Engineering,
Sethu Institute of Technology,
Pulloor, Kariapatti-626115.
E-mail: siteefest@gmail.com**

Ph:7094796952, 9381223000, 9597272520

IEEE STUDENT BRANCH (SB-62301) ORGANIZED TWO DAY WORKSHOP

on
HANDS ON TRAINING ON
APPLICATIONS OF EMBEDDED
SYSTEM USING ARDUINO

5th & 6th October 2017



Estd.1995

Organized by
**Department of Electrical & Electronics
Engineering
Convener**
Dr.A. Srinivasan, HoD/EEE

Faculty Co-ordinators
Dr.K.Kanimozhi Prof. / EEE
Ms.C.Rajeswari, Asso. Prof./EEE
Ms.S.Rohini, Assistant professor /EEE

Student Co-ordinators
Bala Murugan R
Mohamed Noohu Abbas M

**SETHU INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)**

Accredited with 'A' Grade by NAAC
Approved by all India council for Technical Education, New Delhi &
Permanently Affiliated to Anna University, Chennai
MECH,CSE,ECE Accredited by NBA,New Delhi, Tier-1 Washington
Accord ,EEE & IT Reaccredited byNBA, New Delhi
Approved Research centres for MECH,CSE,ECE,EEE,CIVIL,Physics &
Chemistry by Anna University, Chennai
Pulloor, Kariapatti-626115.
Virudhunagar Dist
website : www.sethu.ac.in

ABOUT THE INSTITUTION

Sethu Institute of Technology is one of the premier institutions in TamilNadu bloomed in 1995. The college is situated in the NH 45 B Madurai-Tuticorin National Highway, in a sprawling area of 135 acres in the outskirts of Madurai city. The college is an ISO 9001:2008 Certified institution and currently offers 9 UG and 5 PG Programmes. It is Accredited with 'A' grade by NAAC and Five of the UG Programmes have been accredited by National Board of Accreditation (NBA), New Delhi. Our Founder Chairman Thiru.S.Mohamed Jaleel, whose sole aim is to impart Quality Technical Education with the latest state-of-art infrastructure.

Er.S.M.Seeni Mohaideen, Chief Executive Officer and Er.S.M.Seeni Mohamed Aliar Maraikkayar, Joint Chief Executive Officer are young and energetic who are being the driving forces behind the innovative ideas which have fetched numerous credits to the Management.

Our Principal and Deans are the excelling force for providing innovative technical excellence and experimentation in the minds of budding professionals.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering has been blossoming in this great institution since 1998. The department offers M.E. course in Power Electronics and Drives. The department is accredited by National Board of Accreditation (NBA), New Delhi. Our department is approved as Research Centre by Anna University, Chennai since 2011. The department is flourishing day by day by its achievement and there by bringing laurels to the institution. The department has highly dedicated, experienced, young and energetic professionals as Faculty members including 7 Doctorates. Two funded Research Projects from DRDO and DST are ongoing with the sanctioned amount of Rs. 70 Lakhs. The Department excels both in academic and research to attain the Vision.

DEPARTMENT VISION

- To achieve Excellence in Education and Research in the field of Electrical and Electronics Engineering and thereby provide knowledge based contribution for the development of economy and society.

DEPARTMENT MISSION

- Providing comprehensive and value based engineering education to meet intellectual, ethical and career challenges
- Promoting collaboration with academia, industry and research organizations
- Providing state-of-art infrastructure and resources for teaching-learning, research and development activities
- Enriching the skills to enhance employability and entrepreneurship
- Offering services and promoting activities to serve the society and nation

ABOUT THE WORKSHOP

- The Arduino Uno is a microcontroller board based on the ATmega328. It contains everything needed to support the microcontroller; simply connect it to a computer with a USB cable. In simple terms, the Arduino is a tiny computer system.
- Arduino family helps to do any kind of innovative projects which is much easier to use it.
- An embedded system is some combination of computer hardware and software, which is designed for a specific function.
- Industrial machines, agricultural and process industry devices, automobiles, medical equipment, cameras, household appliances, airplanes, vending machines and toys as well as mobile devices are all possible locations for an embedded system.
- Gathers broad category of real time electronics world with the advanced technology issues in today's scenario.

- "A student who has been exposed to the industry is a student who is more aware of the opportunities that are out there in the field and who demonstrates a greater level of commitment and dedication to what he or she is interested in."
- This workshop breaks the barrier between Students and industries by building a knowledge bridge.
- It will motivate student's community in various research avenues in Electronics, automation, Smart sensor, Microcontrollers, SMD Technology, DIY product development.

OUTCOME OF THE WORKSHOP

At the end of the workshop, every participant attending this workshop will have complete exposure towards all electronic components. Participants will gain ability to commit their project work individually and attain skills like Prototype development, DIY product fabrication and grab Specialized industrial exposure towards Electronics industries.

EMINENT RESOURCE PERSON

Er.P.M.Natarajan
Maintenance Engineer,
Electrical Maintenance Department,
Steel strips wheels India Ltd,
Chennai.

TOPICS TO BE COVERED

- Introduction to Electronics World
- Arduino in real World
- Working with different types of Arduino
- Arduino Integrated Development Environment
- Various applications of Arduino shields
- Own Project development with Arduino's
- Prototype development with different shield
- Advancement in today's Electronics world
- Embedded Technology
- Manufacturing PCB's
- DIY Product development

