

ABOUT OUR INSTITUTION:

St. Anne's College of Engineering and Technology is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. It is situated at Anguchettypalayam, near Panruti. The college was founded in the year 2009 with an aim of uplifting the life style and providing opportunity for higher professional education to the surrounding districts rural youths. The surrounding will provide opportunities for our students both for training and employment and they can reap the benefits from this Institute with proper coordination. Our college is committed to promote in its students the pursuit of individual excellence and participation in the full range of academic, spiritual, cultural, social and physical activities.

ABOUT OUR DEPARTMENT:

The Department of Electronics and Communication Engineering was established in the year 2009. It is functioning with highly qualified and experienced staff members. The Department has good Infrastructure and it has well equipped laboratories like DSP, ESD, Communication, Microprocessor and Electronics laboratories with latest software and tool kits. Students are encouraged to do real time projects applicable to industries. The Department has Electronics and Communication Scientia Association (ECSA) for the conduct of student career development programs and to expose their hidden technical skills. There is a separate cell for placement activities with a placement coordinator. Two of Our Department Student has obtained Anna University rank for the past two years consecutively.

TWO DAYS NATIONAL WORKSHOP

On

SENSOR INTERFACING USING ARM7 PROCESSOR (LPC2148)



10.08.2017 & 11.08.2017

Organized by
Department of ECE

Convener
Sr. ANITA (HOD/ECE)



ST. ANNE'S
COLLEGE OF ENGINEERING AND
TECHNOLOGY
(A Unit of Sisters of St. Anne, Trichy)
Anguchettypalayam, Panruti Taluk,
Cuddalore district- 607110
Affiliated to Anna University, Chennai.

DECLARATION:

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Place:

Date:

Signature of the Applicant:

SPONSORSHIP CERTIFICATE:

Mr./Ms./_____

is a student of our Institute and is hereby sponsored.

He/ She will be permitted to attend the course for the entire duration, if selected.

Signature of the
Head of the Department

Place:

Date:

OBJECTIVE:

Over the last few years, the ARM architecture has become the most pervasive 32-bit architecture in the world, with wide range of ICs available from various IC manufacturers. ARM processors are embedded in products ranging from cell/mobile phones to automotive braking systems. A worldwide community of ARM partners and third-party vendors has developed among semiconductor and product design companies, including hardware engineers, system designers, and software developers. The ARM 7 CPU core based microcontroller is the most popular 32-bit Embedded processor which features a small microcontroller with low power consumption.

COURSE CONTENTS

- Introduction of embedded system
- Evolution in microcontroller technology
- Introduction to Embedded C
- Creating a program in C
- Introduction of LPC 2148
- Study of input output devices
- Led display, 7-segment
- I/P switch
- Intelligent LCD display
- Matrix keyboard, Relay
- Stepper motors and types of stepper motors
- Serial communication concepts
- BLUETOOTH Module

RESOURCE PERSONS

- Sessions will be handled by
1. **Mr. S. BALABASKER**
Associate Professor, St. Anne’s CET.
 2. **Ms. S.K. SURIYA**
Assistant Professor, St. Anne’s CET

ELIGIBILITY

The workshop is aimed at UG Students from Engineering Colleges under the control of Anna University, Chennai. Participants limited to only 40.

ACCOMMODATION

Accommodation will be provided for the participants in the college campus on chargeable basis.

REGISTRATION

Link: <http://stannescet.ac.in/arm2017/>

Online Registration Last Date: 09/08/2017

Course Fee: Rs.500/student

Application Form should be submitted in person on the day of the workshop. (Participants will be divided into batches of minimum four members during practical sessions)

LOCATION:

The college is situated at Anguchettypalayam, Panruti which is 5 kms from Panruti Bus Stand. It is Well Connected by Road Transport. (Near Annai Velankanni Polytechnic College)

FOR MORE DETAILS CONTACT:

- Prof. M. VAIDEHI +91-9344937465
 Prof. S. BALABASKER +91- 9944374993

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**SENSOR INTERFACING USING
ARM7 PROCESSOR (LPC2148)**

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APPLICATION FORM

Name:

Department:

University Register No:

College Name:

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E-mail ID:

Mobile Number:

Address for Communication:

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Need Accommodation: Yes/No

Signature of the Applicant: