

ABOUT THE UNIVERSITY

Pondicherry University is a Central University in Puducherry, India. Founded in 1985 by the Government of India, the university is a collegiate university with a jurisdiction spread over the Union Territories of Puducherry, Lakshadweep and Andaman and Nicobar Islands.

It has 35000 students in its 87 affiliated colleges including 27,000 students in the distance education mode. The current strength of students studying on-campus stands at 6500. It has introduced innovations like the Choice-Based Credit System and on-line admission for postgraduate studies. Pondicherry University is ranked as one of the top ten Universities in India based on the survey conducted on 2013.

ABOUT THE SCHOOL

School of Engineering and Technology is one among the 13 schools of Pondicherry University. It has four departments/centers which expertise in the engineering fields such as Pollution Control and Environmental Engineering, Computer science Engineering and Electronics Engineering. The school offers various postgraduate courses and research programs in the above mentioned Engineering discipline.

ABOUT THE DEPARTMENT

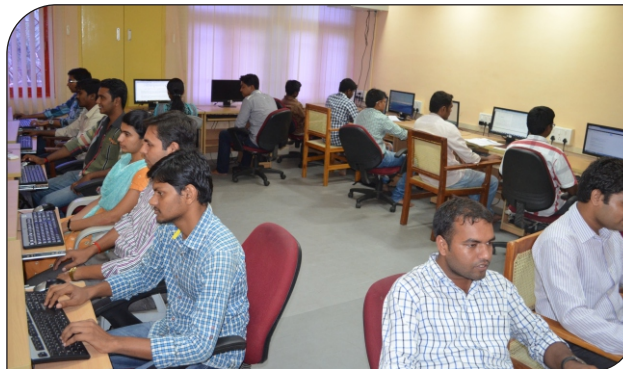


Department of Electronics Engineering

The Department of Electronics Engineering is the first Engineering Department which has been established under the School of Engineering and Technology in the Academic Year 2010 -11 during XI Plan. The prime aim of the Department is to impart quality research in the field of Electronics and Communication Engineering to meet the increasing demand of highly qualified technical personnel. The department offers two programmes namely, Master of Technology and Doctor of Philosophy in Electronics Engineering.

Vision: To motivate the students towards conceptual realization.

Mission: To mould the students to be the backbone of modern technologies in the field of Electronics & Communication Engineering.



Computer Laboratory



Embedded System Laboratory

SCOPE OF THE WORKSHOP

The 32-bit ARM processors are used in high end computation requirements such as Multimedia, Digital Camera and other high end applications. ARM processors are very popular in Industries. This workshop focuses on the architecture of the 32-bit ARM Cortex Microcontroller. The assembly language programming as well as 'C' language programming of the controller is also dealt in detail.

COURSE CONTENT

- ❖ Introduction to ARM Family of Microcontrollers
- ❖ Architecture of ARM Cortex Microcontrollers 'C' & Assembly Language Programming of ARM Microcontrollers
- ❖ ARM and Thumb Inter-working
- ❖ Peripherals of ARM Cortex Microcontrollers

RESOURCE PERSON

Dr. S.RAMASAMY B.E, M.E, Ph.D.,

Professor /ECE

RMK Engineering College (Affiliated to Anna University)
Chennai - 601206.

Dr. T. SHANMUGANANTHAM B.E, M.E, Ph.D

Assistant Professor/ DEE, Pondicherry University.

REGISTRATION

Rs.500/- is the registration fee for all sections of people to participate in the workshop. (The number of participants is limited to 60 only based on first come first serve) Interested participants are requested to send the filled - in registration form to the coordinator. Registration fee will be accepted by Demand Draft drawn in favour of "The Coordinator, NWPPACM, Department of Electronics Engineering", payable at Pondicherry along with the completed registration form. No TA / DA will be provided. (Registration fees includes workshop kit, certificate and refreshments will be provided)

VENUE: SEMINAR HALL

Department of Electronics Engineering,
Pondicherry University, Puducherry – 605014.

IMPORTANT DATES :

Last date for receipt of filled application : 26-03-2014
Intimation of selection through e - mail : 27-03-2014
Confirmation by participants through e-mail : 28-03-2014

REGISTRATION FORM

National Workshop

on
“Programming the Peripherals
on ARM Cortex Microcontroller”

31st March, 2014

Name: _____

Designation: _____

Organization: _____

Address for Correspondence: _____

E-mail: _____

Mobile No: _____

Payment Details: _____

Amount: _____ DD No: _____ Date: _____

Name of the Bank: _____

Place :

Date : _____ Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr / Ms / Dr _____

_____ is an
employee/student of our Institute and is hereby
sponsored. He/She will be permitted to attend the
workshop for the entire day, if selected.

Signature of the Sponsoring authority

Place:

Date: _____ Office Seal

ORGANIZING COMMITTEE

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Head, Dept. of Electronics Engineering

Coordinator

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ARM Cortex Microcontroller Workshop
Department of Electronics Engineering
School of Engineering and Technology
Pondicherry University, Pondicherry - 605014.

NATIONAL WORKSHOP

on

“PROGRAMMING THE PERIPHERALS ON
ARM CORTEX MICROCONTROLLER”



31st March, 2014



Organized By

**DEPARTMENT OF ELECTRONICS ENGINEERING
SCHOOL OF ENGINEERING AND TECHNOLOGY
PONDICHERRY UNIVERSITY**

Pondicherry-605014.