

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 coordinator in case I am unable to attend the course.

Place:

Date:

Signature of the applicant

SPONSORSHIP CERTIFICATE

Mr /Ms / Dr _____

is an employee of our Institute / Organization and is here by sponsored by us. He / She will be permitted to attend the course, if selected.

Signature of the Sponsoring authority

Applications form completed in all respects is to be sent:

Prof. G. Kalarani

HoD / EIE

Coordinator

Workshop on “Embedded System Design using TI MSP430 Microcontroller Development Tools”

Jaya Engineering College

Chennai – 602024, Tamilnadu

Mobile: +91 9444436281

Email id: kalaaravindnithish@yahoo.co.in

Mrs. A. Meenakshi /AP/EIE

Mobile: +91 9500062685

Email id:meenu.suriya@gmail.com

ABOUT THE COLLEGE

Jaya Engineering College (JEC) is an ISO 9001:2000 certified institutions founded in

1995 with a focus on technological innovation, entrepreneurship and character building to the students. The major courses like CSE, ECE and TEXTILE are accredited by NBA, New Delhi. JEC is affiliated to Anna University, Chennai and approved by AICTE, New Delhi. The college has been conducting 9 UG courses and 7 PG courses. The college management team consists of well experienced and committed academicians and administrators. Situated close to Chennai metropolis, the college is one of the foremost centers of graduate and professional education in the state of Tamilnadu.

ABOUT THE DEPARTMENT

The Department of Electronics and Instrumentation Engineering is offering a full time four year B.E. Degree programme in Electronics and Instrumentation Engineering. This field of engineering imparts technical knowledge in the areas of Electronics Engineering, Instrumentation, Control Systems, Signal and Image Processing, Embedded Systems, VLSI, Neural Networks, Fuzzy Logic and Bio Medical Instrumentation. Department has sound infrastructural facilities including separate laboratories like DSP Lab, PLC Lab, VLSI Lab and LABVIEW Lab. The faculty of the department has vast experience in academia and industry.

ABOUT LOCATION

Jaya Engg College is situated 20 Km from Thiruvallur and 40 Km from Koyambedu, Chennai. It is well connected by road and rail.



NATIONAL LEVEL WORKSHOP

On

“EMBEDDED SYSTEM DESIGN USING TI MSP430 MICROCONTROLLER DEVELOPMENT TOOLS”

(10. 09. 2015 & 11. 09. 2015)

Coordinators

Prof. G. Kalarani

Mrs. A. Meenakshi

Organized by

**Department of Electronics and
Instrumentation Engineering
JAYA ENGINEERING COLLEGE
Chennai -602024, Tamilnadu**

Phone : 044 – 26341264

Fax : 044 – 26300982

Website : www.jec.ac.in

In Collaboration with

StarCom Information Technology Ltd.

&

TI India University Program

OBJECTIVE

MSP430 is an ultra low – power 16 bit microcontroller family from Texas Instruments. MSP430 microcontrollers find widespread use in applications such as energy meters, medical applications, and wireless sensor networks. In this workshop, the intention is to expose to the concepts of low power embedded systems, embedded peripherals, programming the MSP430 and low power applications. The MSP430G2553 Experimenters Board from Texas Instruments will be used to illustrate these concepts. This tool is based on MSP430 microcontrollers and has number of on – board components (buttons, LCD, etc). The workshop will include lectures, demonstrations, and hands – on experiments. The participants will be permitted to carry out hands – on experiments on the Experimenters Boarding Groups (two Participants per group).

TI UNIVERSITY PROGRAM

Texas Instruments known as TI is a multinational semiconductor Company. TI has a University program which aims to bring the most advanced technology of the engineering industry to Universities worldwide.

STARCOM INFORMATION TECHNOLOGY LTD.

It provides enterprise stactical analytics and engineering simulation software, software products and solutions for clients across the globe. It is authorized partner for TI India University Program.

COURSE TOPICS

- MSP430 Introduction
- MSP430G2553 Memory Map
- Introduction to MSP430 Launch pad board
- Working with CCSv5.5 IDE Platform
- C Programming on MSP430 Platform

- Understanding interrupt structure of MSP430G2553
- Interfacing Seven segment, LED, LCD and Buzzer with MSP430G2553 using GPIO
- Interface MSP430G2553 with Internal TIMER , generate PWM to control DC Motor, ADC and PC using UART

SPEAKER INFO

Session will be handled by Mr. M. Narendra Babu, Senior Application Engineer, StarCom Information Technology Ltd.

ELIGIBILITY

Faculty from AICTE approved Engineering Colleges and PG Students with relevant background. Candidates from industries and R&D organization may also be considered on a self supporting basis.

REGISTRATION DETAILS

- Registration Fee: Rs 500 /- for P.G students and Rs. 300/- for Faculty.
- The course fee includes course materials, lunch and refreshment. Registration for the course can be made by sending the dully filled registration form along with a DD of the registration fee in favor of “The Principal, Jaya Engg College”, payable at Chennai.

HOW TO APPLY

The applicants should send their applications in the specified format through their Principal/ Sponsors to reach us on or before 04. 09.2015.

SCHEDULED DATES

Last Date to Apply : 05.09.2015
Intimation of Selection : 07.09.2015
Conformation by Participants: 08.09.2015

**JAYA ENGINEERING COLLEG
Thiruninravur, Chennai – 620204,**

NATIONAL WORKSHOP

On

**“EMBEDDED SYSTEM DESIGN USING
TI MSP430 MICROCONTROLLER
DEVELOPMENT TOOLS”**

10.09. 2015 to 11. 09. 2015

REGISTRATION FORM

Name :

Age & Sex :

Designation :

Organization :

Address :

:

Phone :

Email id :

Qualification :

Experience :

Need Accommodation (Yes / No):

DD Details:

DD NO. :
Date :
Bank Name :