REGISTRATION FORM

ANNA UNIVERSITY
REGIONAL CENTRE, COIMBATORE

DEPARTMENT OF ECE
Two Day Training Programme on
MSP430 Ultra Low Power Microcontroller
27TH & 28TH SEPTEMBER 2013

Name: 
Designation: 
Institution: 
Communication: 
Address: 

Mobile No.: 
E-mail ID: 

CATEGORY:

• Student 
• Academics 
• Industrialists

signature of the participant

signature of the Principal or HoD with seal

ORGANIZING COMMITTEE

Chief Patron:
Prof. Dr.M.Rajaram
Vice Chancellor
Anna University
Chennai-600 025

Patron:
Dr. S.Ganesan
Registrar
Anna University
Chennai-600 025

Chairman:
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Regional Director i/c
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Coordinator:
Dr. V.R.Vijaykumar
Associate Professor / Dept. of ECE
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Coimbatore-641 047

Co-Coordinators:
1. Mr. S.Saravanakumar AP/ECE/AURCCBE
2. Mr. N.Kumaresan AP/ECE/ AURCCBE

CONTACT ADDRESS

For any queries and to send completed registration forms:

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Two Day Training Programme on
MSP430 Ultra Low Power Microcontroller
27TH & 28TH SEPTEMBER 2013

ORGANISED BY
IEEE STUDENT BRANCH
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ANNA UNIVERSITY
REGIONAL CENTRE, COIMBATORE
Mettupalayam Road, Coimbatore

In Association With
CRANES SOFTWARE, BANGALORE
ABOUT THE UNIVERSITY

Anna University was established on 4th September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities. Anna University is of the affiliated type and is a member of the Association of Indian Universities, the Association of Commonwealth Universities and Partner of UNESCO International Center for Engineering Education (UICEE). With proven capabilities both in academic and research areas, Anna University was able to impart quality and excellence in Technical Education. Anna University has four regional centres at Coimbatore, Madurai, Tiruchirapalli and Tirunelveli to sphere head the academic activities throughout the state.

ABOUT THE DEPARTMENT

The Anna University, Regional Center, Coimbatore is functioning at Mettupalayam Road, Jothipuram, Coimbatore. It has nine PG departments and it offers twenty one PG Programmes. The Department of Electronics and Communication Engineering was established in the year 2007. The Department offers M.E degree courses in Applied Electronics, Communication Networks, VLSI Design, Signal Processing, ASIC Design, RF Design and Digital System Design.

ABOUT MSP430

MSP430 is an ultra low-power 16-bit microcontroller family from Texas Instruments. The MSP430 can be used for low powered embedded devices. The top CPU speed is 25 MHz. It can be throttled back for lower power consumption. The MSP430 also uses six different low-power modes, which can disable unneeded clocks and CPU. This allows the MSP430 to sleep, while its peripherals continue to work without the need for an energy hungry processor. Additionally, the MSP430 is capable of wake-up times below 1 microsecond, allowing the microcontroller to stay in sleep mode longer, minimizing its average current consumption.

SCOPE OF THE TRAINING

The training program on Texas Instruments MSP430 Microcontrollers is devoted to deeper understanding of MSP430 and MSP430FG4618 microcontrollers architecture, features, peripherals and development tools. It also highlights their applications in industrial sector. The goal of this training program is to bring together researchers and practitioners from academia and industry to focus on TI MSP430 microcontroller and to provide hands on training with the experimenter boards.

WHO SHOULD ATTEND

The faculties, final year UG students and PG students from Engineering Colleges who have interest in embedded controlling applications.

RESOURCE PERSONS

Experts from University Departments and Industry.

TOPICS TO BE COVERED

- Introduction MSP430.
- Introduction to the MSP EXP430F5438 board.
- MSP430FG4618 Memory map.
- Understand the MSP430 TIMER operation.
- Understand the MSP430 Analog to Digital converter (ADC).
- Embedded Applications using MSP430.
- Hands on demo using MSP430.

REGISTRATION

Registration for the workshop can be done using the attached form or photo copy of the form. The completed form could be sent by post to the Coordinator. The Registration is restricted to first 40 participants only. For spot registration contact the coordinator.

FEE DETAILS

Students / Faculty : 1000/-
Industry delegates : 1500/-

DD should be drawn in favour of "COORDINATOR ECE"
Payable at Coimbatore, Tamil Nadu, India

IMPORTANT DATE

Last Date of Registration: 25th SEPTEMBER 2013