Declaration

The information provided by me is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the Institution and shall attend the FDP for the entire duration. I also undertake the responsibility to inform the Coordinator in case I am unable to attend the programme.

Place :

Date :

Signature of the Applicant

Sponsorship

Dr./Mr./Ms………………………………………… is working in our Institution / Organization and his / her application is hereby sponsored / forwarded for attending the above programme. The applicant would be permitted to attend the programme, if selected.

Place :

Date :

Seal :

Signature of the Principal / Head of Department

ABOUT THE COLLEGE

★ National Institute of Technology, Tiruchirappalli is a deemed university under the control of ministry of Human Resource Development, Government of India, It is located about 22 kms from Tiruchirappalli on the Thanjavur National Highway. The institute offers Under Graduate Courses in ten branches and Post Graduate Courses in twenty three disciplines of Science, Engineering & Technology, besides Ph.D. in all the Department.
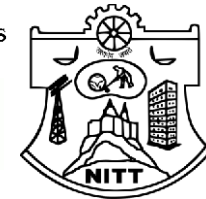
ABOUT THE DEPARTMENT

★ The Department of Instrumentation and Control Engineering was established in the year 1993. The department currently offers a B.Tech. programme in Instrumentation and Control Engineering, M.Tech. Programme in Process Control and Instrumentation jointly with the Department of Chemical Engineering, M.S. (by research) and Ph.D. The department was accredited by NBA and is funded under DST-FIST. The department aims at producing talented instrumentation and control specialists who cater to the needs of the modern industries. The faculty members have sponsored research projects from major funding agencies such as DST, MHRD, British Council (UKIERI), ISRO, ARDB etc. The department has full-fledged laboratories to carry out undergraduate, postgraduate and doctoral programme in various specializations of the Instrumentation and Control Engineering field. State-of-the art facilities in various laboratories encourage students to carry out research in the areas of MEMS, Smart materials and Structures, Instrumentation, Process Control, Mathematical Control Theory, Embedded System, etc.

Faculty Empowerment Programme

ON
Analog, Power, Embedded Systems and Wireless (IoT) Hands on Workshop

July 25 - 28, 2016

Sponsored by
Texas Instruments, TI University Program

Coordinators
Dr.M.Umapathy
Dr.G.Uma
Dr.D.Ezhilarasi

Organized by

Department of Instrumentation and Control Engineering
National Institute of Technology , Tiruchirappalli
Tiruchirappalli Tamil Nadu 620015

in Collaboration with
Texas Instruments, Bangalore &
STEPS Knowledge Services Pvt. Ltd. Coimbatore

Phone: +91-431-2503350,3353

Fax: +91-431-2500133

Web : http://www.nitt.edu/

About TEXAS INSTRUMENTS (TI)

TI is a global Fortune 500 technology company designing and manufacturing analog and embedded semiconductor chips with more than 30000 employees, 40000 patents and operating in 35 countries. With the first working integrated circuit in 1958 and winning the Nobel Prize and developing the first Calculator, TI has etched its path devising microprocessors in the 1970s and digital signal processors in the 1980s to the current innovative system on chip modules pushing the boundaries and solving real world problems.

About STEPS

STEPS Knowledge Services Pvt Ltd is a Design House catering to Design , Development and Technology Transfer for Customized Solutions involving Electronics and Mechanical Engineering solutions for

★ Sensors, Analog, Embedded, Networked, Wired, Wireless and Internet of Things (IoT) Systems
★ Special Purpose Machines (SPM), End of Line Testers (EOL), Functional Testers
★ Plant Automation and Process Automation.

STEPS is an Authorized Training Partner for Texas Instruments University Programme.

FACULTY EMPOWERMENT PROGRAM OBJECTIVE

★ To emphasize the system design perspective required by industry for Analog Systems
★ To design and simulate Analog and Power Regulation Circuits using WEBENCH
★ To get acquainted with the energy efficient embedded ` system design with MSP430
★ To provide Hands-on Training on Internet of Things and its applications with CC3200
★ To work seamlessly across multiple platforms with Code Composer Studio IDE

FACULTY EMPOWERMENT PROGRAM SESSIONS

Hands –On Sessions enabling very good industrial design perspective of

★ ·Analog System Design
★ ·Power Supplies Design with WEBENCH
★ ·Embedded Systems Design with MSP430
★ ·Internet of Things based System Design with CC3200
★ ·Interpreting Data Sheets, White paper, Application Notes

RESOURCE PERSONS

Resource persons from STEPS Knowledge Srevices Pvt. Ltd. Coimbatore (A Training Partner of Texas Instruments).

LOCATION

NIT-T is in Tiruchirapalli (also know as Trichy or Tiruchy). It is located about 22 km from Tiruchirapalli Jn / Central Bus stand on the Trichy-Thanjavur Highway. The simplest and most economical way to reach NIT-T is by bus. Any city bus at the Tiruchirapali Jn will take you to the central bus stand. Board Thanjavur bound mofussil or route bus. The journey time from Trichy will be around 30 minutes.

PARTICIPANTS

Faculties from Engineering Colleges interested to immerse them in new and emerging technologies on Analog, Power, Embedded System and Internet of Things. Departments include ECE / EEE / E&I / ICE/ CS / IT / Mechatronics / Automotive / Bio-Medical both at UG and PG level.

REGISTRATION FEE

Completely sponsored by TI, to enable Faculty to empower themselves with an industrial vision without any budget constraints

TAKE AWAY TOOLS

MSP 430 and CC3200 Kits to involve further working post workshop based on session guidelines.

ACCOMMODATION DETAILS

Accommodation will be provided to the participants on prior request with no applicable charges

SCHEDULED DATES

Last date for Receipt of Applications : 19.07.2016
Intimation of Selection (By E-mail)　: 20.07.2016
Confirmation of participation by the　: 22.07.2016
　　　　　　　　　　　　　　　applicants

Completed Application shall be mailed to:

The Coordinator
Faculty Empowerment Program on **"Analog, Power, Embedded Systems and Wireless (IoT) Hands on Workshop"**
Dept. of Instrumentation and Control Engineering
National Institute of Technology , Tiruchirappalli
National Highway 67, Near BHEL Trichy,
Tiruchirappalli, Tamil Nadu 620015.

Phone : +91-431-2503353, 94430 13136
Email : umapathy@nitt.edu

Faculty Empowerment Programme
ON
Analog, Power, Embedded Systems and Wireless (IoT) Hands on Workshop

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APPLICATION FORM

1. Name (in Block Letters)　: ....

2. Designation　: ....

3. Organisation　: ....

4. Address for Communication　: ....

....

....

: ....

Phone No. (With STD code)　: (Off.)..

(Res.)..

Mobile　: ....

Email ID　: ....

5. Is Accommodation required　:　YES / NO

6. Educational Qualification　:

	Specialization	Year
U.G.		
P.G.		
Ph.D.		

7. Professional Experience

Teaching　: .... years
Industry　: .... years