ABOUT US

The Department of Electrical and Electronics Engineering of this institute started in the year 1964, is now offering undergraduate programme, postgraduate programmes (Power Systems & Power Electronics) and research degrees (MS & Ph.D.) in various fields of electrical and electronic engineering. The Department is recognized for excellence in research, teaching and service to the profession. Experts from Pantech ProEd Pvt. Ltd. along with the faculty members of this department will handle the technical sessions of the course.

COORDINATORS

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Short-Term Course on

Realization of Internet of Things using Raspberry Pi

**Under the
Self-Financed Category**

09 -10, December 2016

Organized by

**Department of
Electrical and Electronics Engg.
National Institute of Technology,
Tiruchirappalli,
Tamil Nadu - 620 015.**

In association with

Pantech ProEd Pvt. Ltd.,

ABOUT PANTECH

Pantech ProEd Pvt. Ltd., is an ISO 9001:2008 certified company started in 2002, part of the Pantech group of companies, which is involved in offering technology training to the students as well as the faculty of engineering colleges and polytechnics, for more than a decade. The company's state of art, tailor made, practical oriented, start to finish curriculum ensures that students and faculty gain proficiency in the fundamental concepts as well as the advanced phenomenon with equal ease, in tandem with the ultimate real-time exposure. The workforce of Pantech has proved its versatility and adeptness in handling research projects and training programs in several domains like Embedded systems, DSP, VLSI, Power & Control Engineering, Communication Networks, Android, Mobile Computing, Cloud Computing, Web Technologies, AI, Machine Learning, etc.

SCOPE OF THE COURSE

The **Internet of Things** (IoT) is simply the network of interconnected things/devices which are embedded with sensors, software, network connectivity and necessary electronics that enables them to collect and exchange data making them responsive. More than a concept, IoT is essentially an architectural framework which allows integration and data exchange between the physical world and computer systems over existing network infrastructure. On large scale transportation, healthcare, defense, environment monitoring, manufacturing and smart grid can be benefited from IoT.

The following topics will be covered in this faculty development & training program with extensive hands-on experience:

- Basics of IoT and Raspberry Pi
- PYTHON Programming
- Linux Fundamentals
- Accessing Internet
- Using SMTP Mail Server
- Camera Interfacing
- Creating a project on security
- HTML Programming
- Electrical Applications
- Social Networks in IOT Applications.

REGISTRATION

Registration fee for all participants	**Rs. 1000/-** **(Including Service Tax @ 15%)**

The registration fee includes registration kit, lunch and refreshments for both the days. Accommodation for the participants may be arranged in the institute guest house / hostels on request **(chargeable basis)**. Normally it will be a twin shared accommodation.

With a view to give individual attention to the participants and to make the program more effective, the number of participants is restricted to about 60.

IMPORTANT DATES

Completed Registration forms accompanied by registration fee (in the form of DD) should reach the coordinator not later than **30th November 2016.**

The selected candidates will be intimated by **2nd December 2016** by e-mail / phone.

REGISTRATION FORM
Short-Term Course on
Realization of Internet of Things using Raspberry Pi
Organized by EEE Department, NIT Tiruchirappalli in association with Pantech ProEd Pvt. Ltd.,
09 -10, December 2016

Name : _____

Designation : _____

Organization : _____

Official Address : _____
_____
_____

Mobile/Telephone:_____

e-mail : _____

Accommodation Required :_____ (Yes / No)

Payment Details
DD No. :_____

Date :_____ Rs. :_____

(DD should be drawn in favour of "The Director, NIT, Tiruchirappalli" payable at Tiruchirappalli)

Date :

Signature :_____