**Two-Day Workshop
on
"Internet of Things using
Raspberry pi"**

3rd & 4th October 2016

Name :

Designation :

Department

Institution/ :

Organization

Address :

PIN :

Phone/Mobile :

E-mail ID :

Fee amount :

DD. No. :

Date :

Bank :

Accommodation Required : YES / NO

Signature of the
Candidate :

Date :

**"Send your registration form on or
before 29/09/2016"**

Conveners:

Dr. A. Senthilkumar
Prof. and Head / EEE

Mr. R. Muthubharathi
Assistant Professor

Coordinators

Mr. B. Vigneshkumar
Assistant Professor

Ms. J. S. Shiny
Assistant Professor

**Two-Day Workshop
on
"Internet of Things using
Raspberry pi"**

3rd & 4th October 2016

**Department of
Electrical & Electronics Engineering**

**Dr. MAHALINGAM COLLEGE OF
ENGINEERING AND TECHNOLOGY**

(An Autonomous Institution)

(Accredited by NBA,

NAAC with 'A' Grade Institution)

Pollachi - 642003

Coimbatore (Dt), Tamilnadu

Phone: +91-4259-236030/40/50

Fax: +91-4259-236070

Website: www.mcet.ac.in

About the College

Dr. Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 by Dr.M. MANICKAM with a view to commemorate the 75th birthday of his beloved father Arutchelvar Dr. N. MAHALINGAM with a mission to impart high quality competency based education in Engineering & Technology to the younger generation to acquire the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self-financing, co-educational Autonomous Engineering College and it is approved by All India Council for Technical Education (AICTE), New Delhi & affiliated to Anna University, Chennai. The Institution has been accredited by the National Board of Accreditation (NBA), New Delhi and ISO 9001:2008 certified by TUV-MCET currently offers 9 UG 6 PG and 3 doctoral programmes in Engineering, Technology and Science.

About the Department

The department of Electrical and Electronics Engineering was established in 2002 and offers B.E (EEE) and ME (Applied Electronics) and Ph.D programmes, Approved by AICTE, affiliated to Anna University, & accredited by the NBA. The department of Electrical and Electronics Engineering offers an excellent atmosphere for students to learn and acquire the necessary skills that are much sought after by the industry. The department has experienced faculty members who are fully committed to teaching and research, and dedicated to impart quality education to the students. The students have access to well equipped, state-of-the-art laboratories. A wide range of research activities undertaken in the department allow the students to gain contemporary knowledge about real-life problems in the industry. Hence the department of Electrical and Electronics Engineering endeavors to provide hands-on education to all of its students. The department has brought out outstanding engineers in the past and will continue its service in the years to come.

About Workshop

The main objective of this workshop is to demonstrate the aspiring Engineers acquainted with the conceptual as well as basic practical knowledge of the amazing world of Internet of Things (IoT) and its fascinating applications. This workshop provides details about what exactly Raspberry Pi is, what hardware and software are included, how to write your first program for it and how to get it to interact with a web service on the Internet. Apart from gaining practical skills on the Internet of Things, you will learn about the Raspberry Pi development platform which is popular among people who love innovative projects.

Topic Covered

♦ Introduction to Embedded System

♦ Introduction to Raspberry Pi

♦ Installing OS in Raspberry Pi

♦ Programming Raspberry Pi using Python

♦ Basic Concepts of Python

♦ Accessing GPIO Pins of Raspberry pi

♦ GPIO, ADC, UART & Sensors

♦ Introduction to Internet of Things

♦ Complete Hardware and Software Infrastructure

♦ Interfacing Sensors and Wifi Module

♦ Store Data and Sending data on IoT Cloud Platform.

Target Audience

The Faculties & UG/PG students from Engineering Colleges who have interest in Embedded System design

Fee Details

Student	:	Rs 600/-
Faculty	:	Rs 750/-

Accommodation

Accommodation is available at payable basis in the college hostel.

Important date

Last date for receiving applications: 29/09/2016

How to Apply?

The applicants should send their applications in the specified format along with DD (in favour of "The Principal, Dr. Mahalingam College of Engineering and Technology", payable at Pollachi) to reach us on or before 29/09/2016.

Address for Communication

Mr. R. Muthubharathi

Assistant Professor

Department of Electrical & Electronics Engineering

Dr. Mahalingam College of Engineering and Technology,

Pollachi - 642003

Coimbatore (Dt), Tamil Nadu.

rpiioteee16@gmail.com

Mobile: +91 9842973564

9940700135