

FDTP - OBJECTIVE

- ✳️ This programme aims at providing an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society.
- ✳️ This programme serves as a platform for Research Scholars, Faculty from various disciplines and Students to interact on cutting edge technologies in IoT.

BENEFITS

- ✳️ Hands on experience on IoT using Raspberry Pi.
- ✳️ It covers essential aspects of Sensors interfacing with Raspberry Pi.
- ✳️ It updates the Students / Faculty Members Research scholar with recent trends in IoT domain with hands on sessions on certain applications like Security, DOMOTICS, and Surveillance etc.
- ✳️ It also provides an introduction to IoT based industrial controls like: Motor speed control, and Industrial / Domestic power meter reading.

Bus Route:

A.V.C.C.E is situated on the main highway, four kilometers from Mayiladuthurai to Thirukkadaiyur. Our College Buses will be operated from Kumbakonam, Thiruvarur, Chidambaram, Porayar, Mangaimadam @ 7.15 am and Mayiladuthurai @ 8.15 am.

TARGETED AUDIENCE

- This three days FDTP is deliberately designed for the professionals working in:
- ✳️ Faculty from Academic Institutions
 - ✳️ Research Scholars / PG Students
 - ✳️ Research and Practicing Engineers

REGISTRATION DETAILS

The Registration fee **Rs. 600/-** per participants. To be submitted in the form of demand draft in favour of **"The Principal, A.V.C. College of Engineering"**, payable at **Mannampandal**. The registration fee includes registration kit, lunch and refreshments. The interested participants are requested to send the filled in registration form along with DD to the address mentioned below on or before last date. Seats are limited and registration based on first come first serve basis.

IMPORTANT DATES

Submission of Application : 11-11-2017

Intimation of Selection : 13-11-2017

Convener

Mr. A. Arulmurugan,
HoD-IT

Coordinators

Mrs. K. Aruna
Asst. Prof.- IT

Mrs. V. Padmavathi
Asst. Prof.- IT

Registration form be sent to:

The Convener

FDTP on IoT- Application Development using Raspberry Pi
Department of Information Technology,
A.V.C. College of Engineering,
Mannampandal, Mayiladuthurai - 609 305.
Mobile:- 8870827031, 9790398221.
e-mail: avcceiot@gmail.com

Three Days
Faculty Development
Training Programme (FDTP)
on



**IoT - Application Development
using Raspberry Pi**

November 16 - 18, 2017

Organized by



Estd : 1996

**Dept. of Information Technology
A.V.C. College of Engineering
Mannampandal, Mayiladuthurai,
Nagapattinam District, Tamilnadu. Pin:- 609305.**

In Association with

Pantech ProEd Pvt.Ltd.,



ABOUT THE A.V. CHARITIES

The Anbanathapuram Vahaira Charities established in 1806 by the five philanthropic families of Anbanathapuram, Enathimangalam, Pallavarayanpet, Karugudi and Kanganamputhur. A.V.Charities had been serving the cause of religion and philanthropy for about 200 years and also as beacon light in the field of education to the innumerable youth, with rural background. A.V.Charities began its educational services by starting A.V.C.College (Autonomous) in 1955, extended their horizon to A.V.C.Polytechnic in 1983 and by opening A.V.C.College of Engineering in 1996.

ABOUT THE INSTITUTION

A.V.C. College of Engineering established in the year 1996, situated on the main highway of Mayiladuthurai to Thirukkadaiyur of Nagapattinam District, Tamilnadu in an evergreen scenic landscape of 30.09 acres. The Institute offers seven under graduate programmes and five post graduate programmes in Engineering, Technology, Management and Computer Applications. The Institution has been accredited by National Assessment and Accreditation Council (NAAC) with 'B' Grade.

ABOUT THE DEPARTMENT

B.Tech Information Technology is a unique course in the institution. B.Tech. IT Programme blossomed in the academic year 1999-2000. The Synchronization with industry and curriculum is the hallmark of this course. The department comprised of well qualified, experienced and

dedicated faculty members to cater the needs of the students with parental care. Learning through continuous exposure to the industry makes the students to be competitive and combat to any situation. Department provides a good platform for learning advanced concepts and research ambiance to meet the industry requirements for faculty members and students. Regular short-term courses, value added programmes, certificate courses, workshops, need based technological trainings for faculty members and students, societal programme for public are the best practices followed in the department. Students mould themselves as a complete IT professional by participating in various technical competitions and showcase their talents. Good number of publications by the faculty members and students. Good track of placements are the hall mark of the department.

TOPICS TO BE COVERED

- ✳ IoT Introduction
- ✳ Raspberry Pi Introduce on Mobile
- ✳ PYTHON Programming E-mail
- ✳ Linux Fundamentals
- ✳ Accessing Internet
- ✳ Using SMTP Mail Server
- ✳ Camera Interfacing and its Application
- ✳ Creating a project on security
- ✳ Engineering Applications
- ✳ Social Networks in IoT Applications

REGISTRATION FORM

Three Days
Faculty Development Training Programme (FDTP)
on
IoT - Application Development using Raspberry Pi

November 16 - 18, 2017

Name: _____

Organization: _____

Designation: _____

Department: _____

Professional Category (Please Tick)

Industry Academic Research

Communication Address: _____

Phone No. with code: _____

Mobile No: _____

E-mail Id: _____

Details of Registration

D.D No: _____ Date: _____

Amt.Rs. _____

Bank Name: _____

Signature of the Applicant