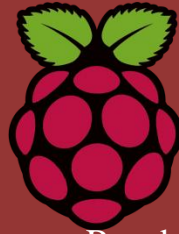


Gujarat Technological University's

CiC3

Community Innovation & Co - Creation Centre



Raspberry Pi

Workshop
on
Advance Raspberry - Pi
at
CiC3
on 17th - Sept'15 - 20th Sept'15

The Raspberry Pi is a low cost, credit-card sized computer that plugs into a computer monitor or TV, and uses a standard keyboard and mouse. It is a capable little device that enables to explore computing, and to learn how to program in languages like Scratch and Python. It's capable of doing everything you'd expect a desktop computer to do, from browsing the internet and playing high-definition video, to making spreadsheets, word-processing and playing games.

COURSE CONTENT FOR RASPBERRY PI WORKSHOP

Day 1 (17th Sept. 2015)

Session - I

- Introduction to Raspberry PI
- Hardware Description & Interfacing Components
- ARM 11 Controller
- Introduction about Linux Operating System
- Installing the OS on SD card for PI

Session - II

- Basic and Advance Linux Command
- Logging in to Raspberry Pi- Linux LX - Terminal
- Shell Scripting

Day 2 (18th Sept. 2015)

Session - I

- Basic and Advance Python
- Basic program on Python

Session - II

- Camera Interfacing with Raspberry pi, Video Streaming

<p>Day 3 (19th Sept. 2015)</p> <p>Session - I</p> <ul style="list-style-type: none">• Basics of OPENCV• OpenCV Introduction & Installation <p>Session - II</p> <ul style="list-style-type: none">• Advance programs and applications using OPENCV• Motion Detection using OPEN CV	<p>Day 4 (20th Sept. 2015)</p> <p>Session - I& II</p> <ul style="list-style-type: none">• Advance Programs
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Interested Engineering Students can participate in Workshop, Fees: No fees for Students.

Date: 17/09/2015 to 20/09/2015, Time 10:00 a.m. - 05:00 p.m.

Venue: CiC3, Room No: 128, Gujarat Technological University, ACPC Building, L.D. Engineering College Campus, Navrangpura, Ahmedabad

To register:

<http://goo.gl/forms/yGgZKSx1I1>

Limited seats are available. Last Time & Date for registration: 12:00 p.m. 16/09/2015

Selected students will get confirmation for Workshop on email by 5 p.m. on 16/09/2015

For any query you can contact: Raj Hakani ,Email: ap_raj@gtu.edu.in

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