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Convener

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Registration

Registration is restricted to a maximum of 30 participants.

Ensure your participation by early registration.

Registration fees Rs.750

Programme

01.03.2016

9.30am Registration

10.00 am Inauguration

11.00 am

Introduction to Python Programming

2.00 pm Afternoon Lab session

02.03.2016

10.00 am Morning Session

Introduction to Raspberry Pi 2 Board

2.00 pm Afternoon session

Familiarisation of Raspberry Pi 2 Board.
(LAB session)

03.03.2016

10.00 am Morning session

Interfacing using Raspberry Pi 2 Board

2.00 pm Afternoon session

Interfacing using Raspberry Pi 2 Board
(LAB Session)

Department of Electronics
Baselios Poulse II Catholicos College
(Accredited with 'A' Grade by NAAC)
Piravom, Ernakulam, Kerala -686664
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**3 DAY STATE LEVEL WORKSHOP ON
RASPBERRY PI & PYTHON PROGRAMMING**

1,2,3 MARCH 2016 , MINI SEMINAR HALL

B.P.C College, PIRAVOM



Dear Sir/Madam,

We are happy to invite you to the three day State Level Workshop on Raspberry Pi & Python Programming, on 1,2,3 March 2016 organized by the Department of Electronics B.P.C. College, Piravom. We hope this to be a common platform for Faculty, UG and PG students to get introduced to Python Programming language & Raspberry Pi Board.

Dr. Tiji Zachariah
Principal

Dr. BenjaminVarghese
Head of the Department

About the College

Baselios Poulouse II Catholicos College, Piravom was established in 1995 by Malankara Syrian Jacobite Christian Education Trust, dedicated to the pursuit of excellence in the realm of education. The College takes pride in its achievements and look forward in realizing its aspirations for the future, and is steadfast in its commitment to shape and transform young men and women in to a talented, disciplined, enthusiastic and hardworking citizens of India. The College is resolved to develop in to a centre of quality and excellence ,imparting relevant and value based education to the rural youth. The College permanently affiliated to Mahatma Gandhi University, Kottayam, offers five undergraduate and two postgraduate programmes.

About the Workshop

The Raspberry Pi is a credit card sized computer that plugs in to monitor and a keyboard. It is a capable little computer which can be used in electronics projects, and for many of the things that a desktop PC does, like spreadsheets, word processing and games. Python is a powerful open source programming language which has efficient high level data structures, which allow you to write complex operation in fewer statements than in C, C++ or Java. During the workshop, one learn how to set up the Raspberry Pi environment, get a Linux operating system running, and write and execute some basic Python code on the Raspberry Pi. You will also learn how to use Python-based IDE (integrated development environments) for the Raspberry Pi and how to trace and debug Python code on the device.

Resource Persons

Jagadeesh Kumar,
Associate Professor,
Model Engineering College, Thrikkakara

Jeeva Jose,
Assistant Professor,
BPC College , Piravom.

Workshop Highlights:

Python Basics
Introduction to Raspberry Pi Board and Installation
Configuration of Raspberry Pi Board
Networking with Host Computer
Programming the Raspberry Pi
GPIO
Motor Driving
Serial Communication
I2C