



VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

Brief Report on “Hands on workshop on raspberry PI”

Name of Department	:	Instrumentation & Control Department, VGEC, Chandkheda
Date & Time	:	28/09/2018 to 29/09/2018
Venue	:	J-205, Seminar Hall
No of Participants	:	46 Students

- **Objective of the Event:**

The main objective of this workshop is to demonstrate the hardware and software portion of Raspberry PI, which is a powerful little beast and a great platform for building low-cost, but highly capable, embedded systems. The interfaces built into its GPIO connector make it easy to bolt on modules using simple low-cost electronics and a bit of configuration to create very functional and flexible systems. This workshop provides details about what exactly Raspberry Pi is, what hardware and software are included, how to write the 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.

- **Outcome of the Event:**

Students can create interesting applications with basic programming languages. This workshop trained the students to start with Raspberry Pi board and small develops applications. Enable students to become familiar with the VI editor.

- **Event Photographs**

