



**Sandip Foundation's
Sandip Institute of Technology & Research Centre, Nashik
Department of Electronics & Telecommunication**

Date: 16/03/2016

Industry-Academia Innovative Practices

Name of Event: Seven Days Workshop on “**Raspberry PI**” from 9th to 15th March, 2016

Name of Resource Person: Mr. Shekhar Borse, Raspberian, Nashik
Ms. Sweta Joshi
Ms. Namrata Bari
Ms. Shubhangi Aringale

Coordinators: 1) Prof Jagdish A Patel, Asst Prof, E&TC Department, SITRC
Prof. Ganesh Attarde, Asst Prof, E&TC Department, SITRC

Objectives:

Raspberry pi is developed in the UK by the Raspberry Pi foundation. Raspberry Pi is one of the most popular open source development platforms available in the market today. It is a miniature credit-card sized powerful computer that let designers develop multimedia applications-media playback & streaming, gaming, graphics, etc. Raspberry pi operates on Linux and has Broadcom BCM2835-full HD multimedia SOC which includes ARM11 running at 700MHz and was originally shipped with 256 megabytes of RAM, later upgraded(models B and B+)to 512MB. Students has to introduce this new micro-controller.

Outcome:

Students has leaned this modern technology from the workshop. They have performed hands on reaspberry pi boards with different IO interfacing like LED, Switch, Buzzer, WiFi, Camera, Smoke Sensor, etc student can use this technology in their project as well to design their hobby circuit ideas.

Photos:





