

## **Session: 2016-17**

### **Events & Activities**

#### **STTP on Embedded systems using Raspberry-PI single board computer**

Department of Electronics & Communication organized one week Self Sponsored and Indian Society for Technical Education (ISTE) approved Short Term Training Program STTP on “Embedded systems using Raspberry-PI single board computer” during 3<sup>rd</sup> to 8<sup>th</sup> October 2016. Prof. Anish Goal & Prof. Reena Rahate were the organizer of the STTP. The contents of STTP was covered by expert industry person Mr. Piyush Agrawal, KPIT, Tech and Mr. Ketan Paithankar.

#### **Guest Lectures**

- 1) Ms. Anuradha Pillare, Application Engineer, SM Technologies delivered a Guest lecture on “VLSI Design and Application” on 20<sup>th</sup> March 2017
- 2) Mr. Vatsalaya Mathur, Tech Mahindra, Richardson, Texas, USA was the eminent alumni of EC department of 2013 batch. He delivered a Guest lecture on “Aim it – Achieve it” on 23 February 2017.
- 3) Guest lecture on “Recent Trends in Embedded System” was organized on 30<sup>th</sup> January 2017 and was delivered by Mr. Archit Somani, Director, Strawberry Enterprises Private Ltd., Ahmedabad.
- 4) Guest lecture on “Mobile Communication & Recent Trends in Industry” was delivered by Mr. Lochan Keote, Sub divisional Engineer, BSNL, Nagpur on 7<sup>th</sup> September 2016.
- 5) Guest lecture on “Embedded System using Raspberry Pi Single Board Computer” was delivered by Mr. Piyush Agrawal, KPIT, Tech. on 8<sup>th</sup> October 2016.

## **WORKSHOPS**

### **WORKSHOP 1**

#### **ELECTRONIC CIRCUITS DESIGN**

The workshop was a complete two days hands-on session conducted by Prof. Udayan Patankar (EDT) from 12<sup>th</sup> to 13<sup>th</sup> Aug 2016. A total of 48 students from EC, EDT and EN dept. showed active participation.

### **WORKSHOP 2**

#### **BASICS OF GNU RADIO**

The workshop was started with a four hour theory session on “Basics of Cognitive Radio Technology” by Dr. Rajeshree Raut (EDT) and was continued with one and half day hands-on session on GNU Radio software by Prof. Chetan Waghmare (EC) from 29<sup>th</sup> to 30<sup>th</sup> Aug 2016. A total of 45 students from EC, EDT and EN dept. showed active participation.

### **WORKSHOP 3**

#### **COMMUNICATION SYSTEMS DEVELOPMENT USING ARDUINO BOARD**

The workshop was a complete three days hands-on session conducted by Prof. Chetan Waghmare from 8<sup>th</sup> to 12<sup>th</sup> Sep 2016. A total of 16 students showed active participation.

### **WORKSHOP 4**

Prof. A. H. Harkare organized three days Workshop for students on “Tanner EDA Tool and Layout Design” during 5<sup>th</sup> to 7<sup>th</sup> Oct 2016.

### **WORKSHOP 4**

Two days workshop on “PCB Design & Fabrication” for the Students by Prof. Chetan Waghmare during 2<sup>nd</sup> & 3<sup>rd</sup> Jan 2017.

## **Industrial Visit**

### **1) Lokmat Media Pvt. Ltd.**

The students of 3<sup>rd</sup> Year B.E. – Electronics & Communication Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur visited Lokmat Media Pvt. Ltd. on 28<sup>th</sup> September, 2016. The students were demonstrated the Printing and manufacturing process at company premises.



## 2) Powergrid Corporation of India Ltd. Bhadrawati, Dist Chandrapur

The students of final Year B.E. – Electronics & Communication Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur visited Powergrid Corporation of India Ltd. Bhadrawati, on 22<sup>nd</sup> February, 2017. The students were demonstrated the Grid control, switching and communication process at company premises.



### 3) **Adani Power Maharashtra Ltd. Tirora, DistGondia**

The students of 3<sup>rd</sup> Year B.E. – Electronics & Communication Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur visited Adani Power Maharashtra Ltd. Tirora, Dist-Gondiaon 04<sup>th</sup> October, 2016. The students were demonstrated the power generation process at companypremises.