



**SANDIP FOUNDATION'S
SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, Nashik
DEPARTMENT OF ELECTRICAL ENGINEERING
Academic Year 2016-17**

Report on Expert Lecture

Event Date: 1st Oct. 2016

Expert Lecture Topic: “CRO and its Practical Application”

Name of Expert: Prof.Omkar Vaidya, E & TC – Dept , SITRC.

Target Audience: SE Students

Name of Co-ordinator: 1. Prof.R.B.Sadaphale

Objective:

- To demonstrate the concept of numbering system & Boolean’s algebra reduction using K map.
- To design and analyze sequential and combinational circuits.
- To develop the concept of basics of operational Amplifier and its applications.
- To introduction to BJT and diode rectifier.

Outcome:

- Students attained enough knowledge by observing the different waveform on CRO and its application using Analog and Digital Electronics Practical Kits.
- Students came t know the use of function generator on CRO and hence were able to study different waveform on CRO.

As a part of Academic Co-Curricular Activity, Expert Lecture was organized by Electrical Department of SITRC, Sandip Foundation, Nashik. The topic of the Expert Lecture was “CRO and its Practical application”. The Lecture was delivered by Prof.Omkar Vaidya. He is working as Assistant .Professor in Electronics and Telecommunication Dept, SITRC.

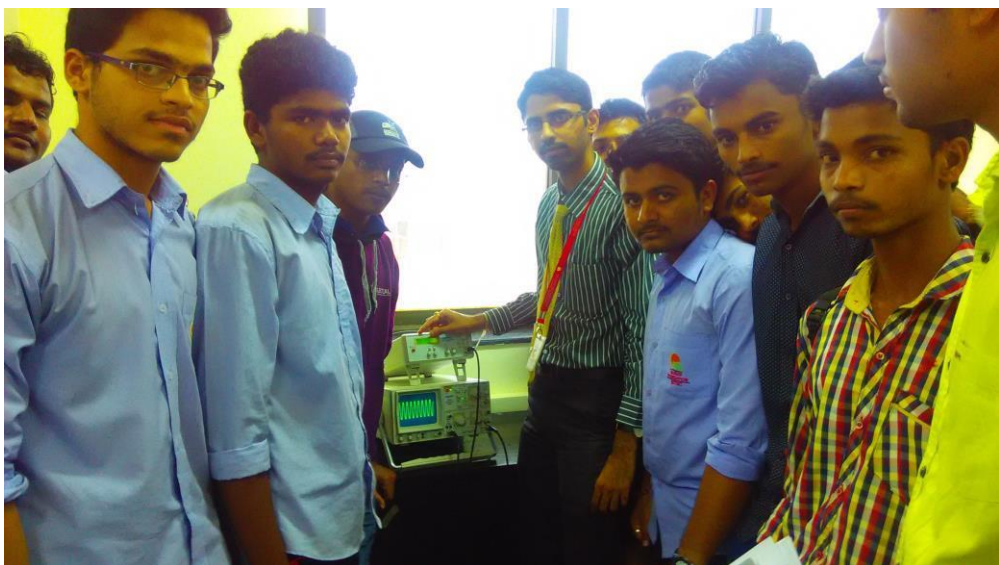
Prof.Omkar Vaidya , explained the working of CRO and Function Generator to the students of SE. Direct Second Students from Diploma were familiar with the CRO but FE to SE students were not aware about the use of CRO. He showed how to. He also explained the use of Function Generator on CRO. By using Function Generator, different Waveforms on CRO were observed and studied. The Expert Lecture was very much beneficial for SE Students as it was more practical oriented and students were able to understand the use of CRO and Function Generator and were able to study the different characteristics of the waveform on it.



Prof.Omkar Vaidya explaining the working of CRO to SE Students.



Students observing the waveforms on CRO



Prof.Omkar Vaidya explaining the use of Function Generator on CRO