



**SANDIP FOUNDATION'S
SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, Nashik**

E-BULLETIN

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**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

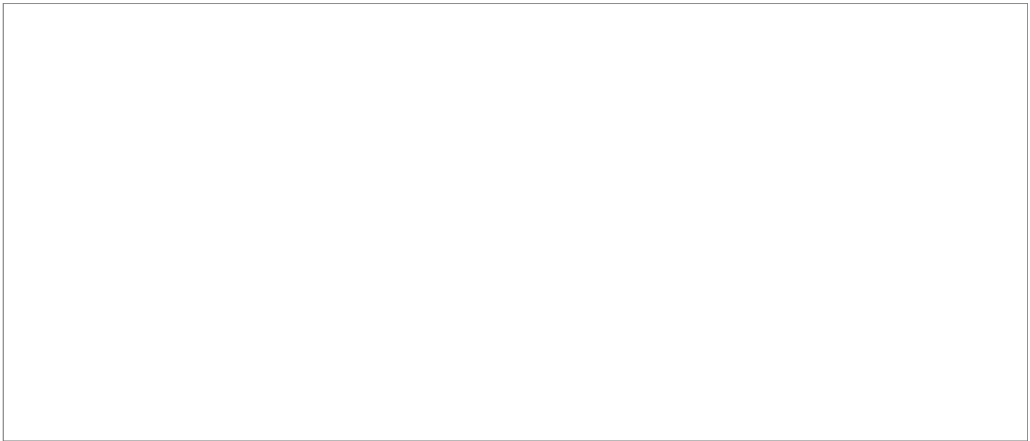
Name of Co-ordinator: 1. Prof.R.B.Sadaphale

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 observe the different waveform on CRO and its application using Analog and Digital Electronics Practical Kits. 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

Industrial Visit Report

Name of Industry: Rishabh Instruments Pvt. Ltd. Nashik

Address: Plot No: F-31, MIDC ,Satpur, Nashik, Maharashtra 422007.

Chairmen: Mr.Narendra Goliya

IndustrialVisit:Dated 5th October.2016

Timings : 11.00am to3.30pm

Organized For:S.E,ElectricalEngg

Name of Staff Visited:1.Prof.R.V.Deshmukh 2.Mr.G.Sanap

Visit Co-ordinator:Prof.D.S.Badgajar

Objective of Visit:

The objective of this visit was to aware the students about the, Construction, Working , Operation , Testing & Manufacturing of 1.Moving Coil Meters (AC Ammeter and Voltmeter) 2. Moving Iron Meters (DC Ammeter and Voltmeter) 3. Wattmeter 4.Power Factor Meter

Knowledge Concerned With Subject: 1.Electrical Measurement and Instrumentation

As a part of Academic curricular activities and Enhancing Practical Knowledge of Students,Sandip Foundations, Sandip Institute of Technology and Research Centre,Dept of ElectricalEngg. Nashik arranged an Industrial visit to Rishabh Instruments Pvt. Ltd.Nashik for the Electrical Engineering students of semester 3rd on dated 26th October2016. In all 74 students and 2 Teaching staff members took part in the visit.

Ms.Sayali Hirey, H.R of Rishabh Instruments Pvt.Ltd. Permitted to visit their Industry considering the academic importance and practical exposure of the student.

Work carried out by Industry:

1.Manufacturing of 1.Moving Coil Meters (AC Ammeter and Voltmeter) 2. Moving Iron Meters (DC Ammeter and Voltmeter) 3. Wattmeter 4.Power Factor Meter 5.Multimeters

Mr.Vicky Chaudhary of Rishabh Instruments, explained to students the working, operation principle of various Meters (Ammeter , Voltmeter, Multimeter) This Industrial visit was a very successful and student will have definitely an added advantage of practically observing the process of Manufacturing , Testing and Working of the Capacitors and what are the materials required for the manufacturing of Capacitors.