



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

**Academic Year 2016-17**  
**Report on Expert Lecture**

**Event Title:** Expert Lecture on “Testing of DC Machines”

**Event Date:** 16<sup>th</sup> March 2017

**Event Conduction Duration:** 1.30 pm to 3.00 pm

**Event Venue:** Electrical Department, Sandip Institute of Polytechnic, Nashik

**Target Students:** TE, Electrical Engg.

**Event Resource Person Details:** Prof.G.G.Akotkar , Electrical Engg.Department,SITRC,Nashik.

**Name of Event Co-ordinator:** Prof.R.B.Sadaphale, Prof.A.V.Satpute  
Electrical Department, SITRC, Nashik.

**Event Objective:**

- To understand energy conversion process.
- To understand selection of machines for specific applications.
- To test & analyze the performance of machine.
- To understand the construction, principle of operation of transformers, DC Machine & Induction Machine.

**Event Outcome:**

- Students gained enough knowledge about testing of DC machine and different methods for the same.
- Students understood the working, construction and operation of the DC machines.

- Students learned the operation of DC machine in industry and their various applications.



**Prof G.G.Akotkar, explaining the methods to test DC Machines.**



