

**Sandip Foundation's**  
**Sandip Institute of Technology and Research Center**  
**Department of Mechanical Engineering**

**Report of Expert Lecture on “DATA ACQUISITION SYSTEM”**

**Objective of Activity:**

1. Students will get Preliminary knowledge of data acquisition system.
2. Students will get application of DAS.
3. Students will understand sampling, aliasing process.
4. Students will understand adc converter i.e. successive approximation method .
5. Students will understand dac converter i.e.R-2R ladder method.

**Outcomes of Activity:**

1. Students understand preliminary knowledge of data acquisition system.
2. Students understand concept of DAS.
3. Students understand sampling, aliasing process.
4. Students understand adc converter i.e. successive approximation method.
5. Students understand dac converter i.e.R-2R ladder method.

**Name of Event:** Expert Lecture on Data Acquisition System.

**Date :**27<sup>th</sup> January 2016

**Name of Expert:** Mr. Abhijit Shinde, Bits Electronics,Baramati

**Target Audience:** TE Stdents

**Name of Coordinators :** Prof. P.S.Garudkar

**Organnised by:** Mechanical Engineering Department SITRC

**Photographs**





