



**Sandip Foundation's  
Sandip Institute of Technology & Research Centre, Nashik  
Department of Electrical Engineering  
Academic Year 2019-20**



**Report on Industry Visit**

**Event Title:** Visit to 100KW Solar Power Plant and 1.5KW Wind Turbine , SIEM ,Nashik

**Event Date:** 4th September 2019

**Event Conduction Duration:** 2 Hrs

**Event Venue:** 100KW Solar Power Plant and 1.5KW Wind Turbine , SIEM ,Nashik

**Event Resource Person Details:** Prof.A.V.Satpute, Prof.D.S.Badgujar

**Name of Event Co-ordinator:** Prof.A.V.Satpute

**No of Participants:** 40 (SE Students)

**Event Objective:**

- Understand importance of energy and energy security.
- Understand impact of use energy resources on environment and emission standards, different operating frame work.
- Follow format of energy management, energy policy.
- Learn various tools of Demand Control.
- Calculate economic viability of energy saving option.

**Outcome:**

- Students understood the working principle of PV cell and wind turbine, daily power generation from the plant (no of units), real time monitoring and battery capacity.
- Students got aware about the construction working, operation, generation & maintenance of solar Power Plant and wind turbine.

