

Date: 06/10/2022

Industrial Visit

Name of Event : Industrial Visit to “SUZLON ENERGY LTD, SINNAR, NASHIK.
(Wind Farm)”

Date of Event : 06/10/2022

Resource Person : Mr. Dnyaneshwar Dhatrak,
General Manager.

Objectives:

- To understand the Working of Wind Mill.
- To understand the process and for promoting the use of renewable energy sources thereby helping to sustain the environment.

Outcomes:

“Suzlon (Wind Mill) Energy Ltd, Sinnar (Nashik)” is India’s leading renewable energy solutions provider in the entire spectrum of wind energy projects. Industrial visit was organized for Mechanical Engineering students, so that the students can understand the working of Turbine, Generator, gearbox etc. Students have also understand how the working of Wind mill that generate energy in 365 days according to climatic condition.

Students were also able to experience & to see the actual size of turbine blade along with the cost of plant, installation difficulty at high altitude, also the maintenance procedure of wind mill.

The resource person gave all the required information that is required by an engineer for study purpose like design consideration, aerodynamics, material properties, manufacturing

techniques, running cost, installation cost, time required for recovery of initial investment, effect of wind farm on surrounding environment.

Later **Prof S K Aher** thanked **Mr. Dnyaneshwar Dhatrak (GM Suzlon Energy, Sinner)** for giving his valuable time and knowledge to our students.

Participants- Mechanical Engineering Students

Visit Photograph: 06/10/2022



Wind Mill Along with Staff, Students & Resource Person



Wind Farm @ Sinnar Nashik



Wind Farm @ Sinnar Nashik



Wind Farm Suzlon Energy Ltd, Sinnar, Nashik