

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

Report on

Industrial Visit to Wind Power Project, NREDCAP, Rekulakunta Site, Anantapur

Attended by II Year B.Tech - EEE & I Year M.Tech EPS Students – MITS

Under ISTE Students Chapter

23 December 2016



Report Submitted by: Mr G Ravi Prakash & Mr D ChinnaKullay Reddy Asst Professors, Dept of Electrical & Electronics Engineering, MITS

A one-day Industrial Visit to Wind Power Project, Rekulakunta was organized for the II Year B.Tech –EEE & I M.Tech E.P.S students on 23rd December 2016 under ISTE Students Chapter. **Mr D Chinna Kullay Reddy & Mr. G Ravi Prakash** from EEE Department were associated with students as faculty coordinators.

A day before starting the trip, an introductory meeting was arranged to the students by the Head of the Department and faculty coordinators regarding the safety precautions to be followed during the visit.

The trip to wind power project started at 6.30 AM and reached the Rekulakunta site by 11.15 AM. A meeting was arranged with The District Manager Mr.M. Kodanda Ramamurthy, Anantapur, about requirement of renewable energy sources, its importance in future and overview on operation of wind farms. Later Mr. Srinivasa Rao, Project Engineer explained in detail about construction details and operation of Wind Power Project in addition to safety precautions to be followed during visit

Field Visit Information:

Wind power has been a mature technology for many years now in demand all over the world with an orderly, gradual and predictable growth. Wind energy is the most reliable and effective renewable energy source for responding to growing demand –in view of the foreseeable depletion of traditional (fossil) and non-renewable energy sources

Wind Power Project, NREDCAP, Rekulakunta Site, Anantapur has seven units of total 5.95 MW Capacity of total expenditure costs around Rs. 35 Crores. Students were made to come across every module of the project and queries were elucidated by the experts.