



POORNIMA UNIVERSITY

REPORT

ON

VISIT TO **GRID-CONNECTED 1MW SOLAR POWER PLANT** AT PHAGI, JAIPUR

Department of Electronics & Communication Engineering and Electrical Engineering of PU organized an exclusive visit for its B.Tech students. Total 60 students got the opportunity to sightsee 1MWp Solar Photo Voltaic (PV) power plant at Phagi, Jaipur on 27.2.15. This plant has the capacity to generate 1Mega Watt of energy. It is Grid Connected with Phagi GSS and was established in the year 2012 by Rajasthan Renewable Energy Corporation Ltd (RREC) with the help of Larsen & Toubro. The visit was successfully coordinated by faculty members of Electrical Engineering department Mr. Ashish Raj Sinha and Mr. Surendra Sharma.

Students gained the knowledge about the following devices and equipment's installed over there:

1. Solar PV module (total 4368 modules, each module produce 230Wp energy)
2. Solar Inverter
3. Air Circuit Breaker and switch gears
4. SCADA System
5. Transformers
6. Solar meteorological instruments
7. Charge Controller
8. Battery bank.







