INDUSTRIAL VISIT REPORT OF SOLAR POWER PLANT ON 27TH JANUARY 2015

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Industrial Visit plays an important role for the students going professional courses like Engineering, Management, etc. It is necessary to showcase all the real working environments of the equipment, machinery, operational methodology and every other thing that students will come across in their respective field.

The Department of Diploma Electrical, Grow More Faculty of Diploma Engineering, Himmatnagar organized an industrial visit to SOLAR POWER PLANT RAMESHWAR KAMPA MODASA 27th January 2015 for 4th & 6th Semester Diploma Electrical Engineering students. The visit was organized as per GTU university guidelines and recommendations regarding syllabus of Electrical Engineering.

Our main purpose for this visit is to be familiar with industrial environment and to get practical knowledge of electrical power Generation. Students of 4th & 6th semester will get the idea of electrical power Generation.

SOLAR PLATE YARD

The visit was organized with the prior permission and guidance of Honourable In-charge Principal Prof. Bharat Suthar. It was supported by Diploma Electrical I/C HOD Prof. Ramesh Prajapati & Visit Co-ordinator Prof. Kaushik Prajapati along with Prof. Tirth Shah, Prof. Kishan Patel. A total 40 students of 4th & 6th SEM Diploma Electrical visited the Solar Power Plant.
On 27th JANUARY, 2015 at 11:00 AM, the students along with the faculties reached at SOLAR POWER PLANT RAMESHWAR KAMPA, MODASA.

The visit started with welcome address by Plant Engineer Mr. Nilesh Yadav. Then the students were divided in 2 groups each of having 19 students per group. Each group was handled by the two Plant Engineers & by other Assistant Engineers. Each Group was given primarily brief discussion about the Rules and some safety steps to be followed during the visit by the plant engineer.

A brief introduction about power plant and its working was explained to the students. He also explained the Single Line Diagram (SLD) of solar power plant & also introduces the students to the other engineers and technical staff. The Students first visited solar plate Yard along with Plant Engineer Mr. Nilesh Yadav.

After the solar Plate Yard, the students visited Inverter Room which is use for D.C. to A.C. Power. Details regarding maintenance of Inverter were shared with students. Working principle and application of SCADA was also discussed. Then they visited the Control Room. In control room, they saw various control panels, relays and also got an idea regarding control of Solar Power Plant.
Students have got real feel of working environment of a Solar Power Plant. They got a chance to transfer their theoretical knowledge to practical implication. This will even help students to understand subject matter clearly in future also. The Faculties along with students would like to extend our gratitude to the staff for the permission and support they gave to make our visit a success.

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