



POORNIMA

COLLEGE OF ENGINEERING

DEPARTMENT OF I YEAR
SESSION 2017-18: ODD SEMESTER

A brief report on
One Day Industrial Visit of First year Section I students to
Uttam (Bharat) Electricals Pvt. Ltd., Jaipur

The Department of First year Poornima College of Engineering had organized a one-day industrial visit on Wednesday, 30th August 2017, for 51 students of first semester B.Tech Electrical Engineering branch section I. The industrial visit was to the Uttam (Bharat) Electricals (P) Limited, situated in the Vishwakarma Industrial Area, Jaipur.

Dr. Om Prakash Sharma, Director, Poornima College of Engineering and Mr. Shirish Nagar, Head, Department of First Year, PCE interacted with the visiting students group of PCE First Year Section I, in the morning before the commencement of Industrial visit. Dr. Sharma emphasized on the importance of Industrial visit in the life of a budding technocrat and motivated the students to participate enthusiastically. He also added the need of maintaining caution and discipline across the industrial visit.

The students were accompanied by three faculties of the PCE First year department Mr. Udit Mamodiya, Mr. Kushaldeep Sharma and Dr. Susmita Sharma. The industrial visit commenced on 9:00 AM on Wednesday, 30th August 2017 from Poornima College of Engineering and concluded on 3:00 PM with the return of students back to the PCE campus.

Within the industry premises of Uttam (Bharat) Electricals (P) Ltd., the JEN, Er. Mohan Lal, took charge and escorted the group to the plant around noon and briefed up with the introduction about the plant as well as the construction and manufacturing of transformers. He described the details of work process followed in the organization along with setup and installation in detail.

Er. Mohan Lal, also mentioned about every activity like cooling of transformers using oil and air, how they use silica gel to absorb moisture, transmission and distribution of supply, use of Wave trap for communication, Lightning Arrester, Current Transformer, Potential Transformer, Insulator, Isolator, working of Feeders and also regarding the distribution of supply to the local areas. He also effectively added on how they control those high incoming and outgoing voltages and current using buses, switches, and control room.

The industrial visit to Uttam (Bharat) Electricals (P) Ltd was an enriching learning experience for students for acquiring live exposure of electrical distribution system which would help them in their career.



