



POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRICAL ENGINEERING

SESSION 2017-18: EVEN SEMESTER

A Report on Industrial Visit to Uttam (Bharat) Electricals Pvt. Ltd.

The Department of Electrical Engineering Poornima Institute of Engineering & Technology had organized a one-day industrial visit on Friday, 13th April 2018, for 45 students of forth semester B. Tech. Electrical Engineering branch students. The visit was to the Uttam (Bharat) Electricals Pvt. Limited, situated in Vishwakarma Industriral Area, Jaipur.

The students were accompanied by two faculties of the department Mr. Rajendra Kumar & Mr. Lovekush Sharma. The visit commenced on 9:00 AM on Friday, 13th April 2018 from Poornima Institute of Engineering & Technology and concluded on 2:30 PM with the return of students back to the PIET campus.

Within the industry premises of Uttam (Bharat) Electricals Pvt. Ltd., the JEN, Er. Mohan Lal, took charge and had taken 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 to the first year students.

Er. Mohan Lal, also mentioned about every activity happening in the GSS 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, Lightening 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, control room.

The industrial visit to Uttam (Bharat) Electricals (P) Ltd was an enriching learning experience for students in getting live exposure of the distribution system of electricity which can help them in their internships and further career.

Photographs:





