

## EEE Department

### Industrial Visit to Panipat Thermal Power Station

An industrial visit to Panipat Thermal Power Station (a unit of HPGCL, Govt of Haryana) was organized by EEE Department on 17<sup>th</sup> March 2017 for 6<sup>th</sup> Semester students. Total 92 students along with HOD (EEE), Dr. Rajveer Mittal and faculty members Ms. Poonam Juneja, Ms. Supriya Sharma, Ms. Ruchika and Mr. Ravi Sharma visited the plant. Panipat Thermal Power Station is located at Panipat in Haryana. The power plant is one of the coal based power plants of HPGCL .

Students visited the Unit No.VII of 250 MW, and understood various technical factors which would be very helpful for their understanding of various theoretical aspects studied in their curriculum. All the students were divided into six groups and sent for visit of various sub-systems of the plant, like Boiler, Turbo Generator, Coal Handling Plant, Switch Yard Control Room, Switch Yard and Cooling Tower. The visit was very successful and it was a learning experience for the students.



Panipat Thermal Power Station (PTPS) has a total installed generation capacity of 1360 MW comprising of four Units of 110 MW each , two Units of 210 MW each and two Units of 250 MW each respectively. 4×110 MW plans were commissioned during 1979 to 1987. These plants have tender their services and now their generation cost is very high so these plants are now out of service. Only four units i.e. 2×210 MW (Unit No. V & VI) and 2×250 MW (Unit No. VII & VIII) are in working condition..