

# **PANIPAT THERMAL POWER STATION**

## **PANIPAT**

## **REPORT**

*B.Tech 5<sup>th</sup> Semester Electrical Engineering*

Name of Event: PANIPAT THERMAL POWER STATION, PANIPAT  
DAY TRIP

### **BRIEF DESCRIPTION OF THE EVENT:-**

**DATE-** 15<sup>th</sup> NOV 2022

**MODE OF TRANSPORTATION-** College Bus

**NUMBER OF STUDENTS-** 26

#### **FACULTY NAMES-**

1. Dr. Rajesh Ahuja
2. Dr. Anju Gupta
3. Mr. Pawan Kumar
4. Mr. Atma Ram

The main aim of this trip was to provide knowledge to the students about the generation of electricity from natural resources i.e., coal and solar energy. The thermal power station comprised of coal-based generation and transmission of electricity, and it also had a 10MW solar power plant, producing electricity by solar energy. Students visited the control room of thermal power station and learnt about the technology being used to keep a record of various things in the

generation of electricity, like the amount of coal, the pressure in the chamber, etc. The students also visited the switch yard and the solar power plant to learn about the steps involved in the generation of renewable energy.



**DEPARTMENT OF ELECTRICAL ENGINEERING,  
J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD**

**EVENT BROCHURE:**

**PICS OF STUDENTS AND FACULTY MEMBERS:**





### **OUTCOME OF THE TRIP:**

It was a very amazing as well as educational trip. We enjoyed a lot as well as got to learn about the various methods of generation of electricity via renewable and non-renewable resources and got to learn about the transmission of the electricity produced. We are very thankful to the department of Electrical Engineering and Dr. Anju Gupta Mam for organizing this wonderful trip and we wish that our department may continue to organize such educational trips in the near future too.