

Industrial Visit to Hoody Power Receiving Station 400/220 KV - Bangalore

A one-day Industrial Visit to Hoody Power Receiving Station 400/220 KV, Bangalore, was organized by the Department of Electrical and Electronics Engineering, on 4th January 2023, for the 3rd semester students. 27 of our students visited the substation, accompanied by faculty members Dr. R Rajarajan and Mrs. Vaishali N B.



Industrial visit to Hoody Power Receiving station 400/220 KV: 3rd semester students during the Industrial visit organised by EEE department.

Mrs. Kavitha, AEE, Hoody Power Receiving Station 400/220 KV, explained about the single-line diagram of the entire substation. In AGC control center, controlling of the loads, and faults and storing the data of each incoming and outgoing lines, monitoring all the data on a single system, and operating all the relays, which is computerized. On the field, Mr. Prasad, Maintenance Engineer, explained Transformers, load points, Distribution system, transmission system, and Circuit breakers. isolators on the transmission line.



The students were able to understand about monitoring and control of power flow in the substation. In the field, students have a look at different substation equipment such as power transformers, busbars, isolators, instrument transformers, lightning arresters, earthing equipment etc. Students also understood the cooling mechanism of power transformers.

Outcome of the event:

1. Students got the exposure of SCADA system.
2. Students was exposed to the field in substation their they got practical knowledge of transformers, lightning arrestors etc..
3. The visit helped students in attaining the program outcome.