

## An Industrial visit to 220KV Substation

1. An Industrial Visit of EEE and ECE, 3<sup>rd</sup> Year Students have been organised on 22/02/2018. The students visited 220 KV Sub Station facilities and learned how the 220 KV is being transferred to 11KV for the purpose of distribution to homes and nearby industries.
2. The students were explained about all the essentials and components of the 220KV substation by the Assistant Engineer (UHBVNL). The following major components were seen performing live by the students:
  - I. Transformer – 220 KV to 11 KV Step Down
  - II. Circuit Breakers
  - III. Protective Relays
  - IV. Lightning arresters
  - V. Load break switches
  - VI. Electrical contacts
  - VII. Isolators
  - VIII. Buchholz relays
  - IX. Differential Relay
3. The visit enriched the student's practical exposure towards power distribution and transmission.

