



## VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

### Brief Report on “Industrial Visit to 400 KV Soja Substation”

Name of Department/Organizer	:	Electrical Engineering Department.
Date & Time	:	18/02/2019 at 11:00 AM to 2:00 PM
Venue	:	Soja
No of Participants	:	25

#### • Objective of the Event

- On **18<sup>th</sup> February 2019**, an industrial visit of “**400 KV Soja Substation**” was organized as a part of student’s curriculum for “**Power System Practice and Design**” for **8<sup>th</sup> semester electrical engineering department**. This visit was carried out under the major activity head of “**Technical / Research Skill**” and sub-activity head of “**Industrial/Exhibition visit with report**”. Total **30 (03 female students and 22 male students)** participated in this visit. This industrial visit for final year students was guided and accompanied by **Prof. H. B. Vaghela and Prof. P. J. Purohit and Prof. Mehulsinh Jadeja**. The main focus of this industrial visit is to fill the bridge between technical concepts taught in curriculum and industry applied concepts. Various technical concepts were discussed with the students which are applied in the field of electrical engineering.

#### • Outcome of the Event

- All students reached 400 KV Soja Substation by 11:00 AM on 18/02/2019 along with faculty coordinators. The students were guided to the basic knowledge of high voltage transmission substations and its difference from other transmission and distribution substations. They also bestowed students with details of transmission and distribution real time data of GETCO. All students were divided into small batches of 30. Training supervisor from 400 KV Soja Substation accompanied students group and showed them control room and Switchyard. Depending on the data and details given from 400 KV

Soja Substation supervisors, students were instructed to prepare brief report of industrial visit and A4 size sheet of substation layout, as a part of their submission work for Power System Practice and Design.

- **Event Photographs**

