



NARAYANA ENGINEERING COLLEGE::NELLORE

(Approved by AICTE, New Delhi and Permanently
Affiliated to JNTUA, Ananthapuramu. A' grade by Govt. of AP.) Narayana Avenue, Nellore -524004

DEPARTMENT OF EEE

Report On Industrial Visit

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|-----|------------------------------------|---|---------|---------------------|
| 1. | Name of the Activity/Event | 33/11KV Substation, Haranathapuram | | |
| 2. | Date of Activity/Event | 29/09/2018 | | |
| 3. | Organized by/Name of the Committee | Department of EEE | | |
| 4. | Place of Activity/Event | Narayana Engineering College, Nellore | | |
| 5. | Resource Person/Guest/Organization | 1.Mr. T.V Subbarao 2.Mr.A.prasad 3.Mrs. M.Bhargavi 4.Ms. L.Nagalakshmi | | |
| 6. | Type of Activity/Event | Industrial Visit | | |
| 7. | Activity/Event objectives | 1.Breif analysis of 33/11KV Substation 2.How to operation of 33KV/11Kv Substation Operation. | | |
| 8. | Participation | Students | Faculty | Total Participation |
| | | 95 | 4 | 99 |
| 9. | General remarks | - | | |
| 10. | Enclosures | 1. Photos 2.Attendance Report 3.Undertaking forms from students 3.Train Tickets | | |

It is bring to your kind notice that III B.Tech EEE students was visited 33/11KV Substation, Haranathapuram, Nellore. About 100 students along with 4 staff members on 26/09/2018.

The Site Engineer was given complete demo about the basic substation configuration and components:

- First Students were entered into the 33/11KV Transformer, the site engineer explain clearly about the working and construction of Transformer and its specifications. Later, he explained how the electrical energy transfer to one circuit to another circuit without change of frequency into busbars.
- After that students were entered into circuit breaker section, where the breaker operate in substation. In this area the site engineer explained about the contacts of relay working and circuit breaker working.
- Finally the students were entered into the Surge arrester. Their they had learn to how the surge arrester working.
- Finally the students were entered into the surege arrester. Their they had learn to how the surge arrester working.
- The Engineer explained with clarity about each and every equipment and also cleared all our doubts. Really we should thank our college management and plant management for giving as permission to visit such a 33/11KV Substation by this visit we gained lot of practical knowledge, it is very useful to us through this practical view we can remember this subject for long time.

