

# **DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY**

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

INDUSTRY INSTITUTE PARTNERSHIP CELL

REPORT ON INDUSTRIAL VISIT - Dr.NTTPS

**A.Y.:2019-20**

## **Date and Venue:**

The industrial visit is planned for II ECE A&B Section students. The Industrial Visit is conducted on **11<sup>th</sup> & 12<sup>th</sup> February 2020** to the Dr. NTTPS, Vijayawada. Permission for industrial visit is applied on the data of 20<sup>th</sup> **January** 2020 through email to the Chief Engineer. Permission granted for the visit on 04<sup>th</sup> February 2020. Two faculty members of ECE department has accompanied the students for two days for supporting the students during the industrial visit.

## **Faculty Attended:**

1. Mr. K. V. Seshagiri Rao, Asst. Professor
2. Mrs. R. Maha Lakshmi, Asst. Professor.
3. Mr.N.Naga Raju, Asst. Professor.
4. Mrs.K.L,Sowjanya, Asst. Professor.

## **Participants**

The Industrial Visit was attended by the students of A &B Section II Year B. Tech ECE Students.

## **The following topics were covered:**

### **1.Process of Power Generation in Thermal Power Plant**

- a) Human Machine Interfacing
- b) Distributed control system
- c) Water Treatment Plant, Cooling Tower
- d) Turbine
- e) Boiler, Heaters
- f) Coal Required
- g) Temperature gauge
- h) Pressure Gauge
- j) Flow, level Indicator
- k) Derators
- l) ESP

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II Year ECE Students along with faculty attended for industrial visit at Dr. NTTPS, Vijayawada



II Year ECE Students along with faculty attended for industrial visit at Dr. NTTPS, Vijayawada and Industrial Person Explaining about Power generation in Thermal Power Plant.