



# RAMACHANDRA COLLEGE OF ENGINEERING: ELURU

## INDUSTRIAL VISIT

**Organized by** : EEE  
**Name of the Speaker** : Mr.Ambedkar  
**Designation** : ADE, APEPDCL,Eluru  
**Topic** : INDUSTRIAL VISIT  
**Venue** : 132 / 33 KV substation  
**Date** : 07.01.2017  
**Conducted for** :

Branch	Year	Semester	No of Students Attended
EEE	II (A&B)	II	142
<b>Total No of Students Attended</b>			142

### **Profile of the Speaker**

Mr.Ambedkar is working as a Assistant Divisional Engineer at APEPDCL, Eluru. He is having the vast experience of 15 years in this field. And he is well knowledged enough related to generating plants, transformer functioning, substation operation and as well as in administration sector

### **Report**

#### **1. Report in brief by Organizer / Coordinator / Convener:**

Industrial visit was carried out at APGPCL generating station at vijjeswaram on 24<sup>th</sup> august 2016 especially for III year semester one students. The main objective behind the visit was to make student aware about gas power plant, load scheduling, substation maintenance and protection system.

Andhra Pradesh Gas Power Corporation Limited (APGPCL) was established in the year 1988. The company is promoted by APSEB in association with industries in the private and public sector to supplement power supply from grid.

The company is engaged in the business of power generation. It generates power with the help of two thermal power plants having a total installed capacity of 272 MW. The company operates through a 172 MW gas based combined cycle power plant comprising 112 MW gas turbine generators & 60 MW steam turbine generators and a 100 MW gas based combined cycle power plant comprising two gas turbine generators of 33 MW and one steam turbine



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#### 2. Photos:





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### **3. Feedback from students:**

- 1) This visit helped the students to correlate theoretical concepts with the practical concepts
- 2) Very helpful to understand the subject POWER SYSTEMS-I which they are having in the current semester.

### **4. Remarks from Resource Person:**

- 1) Students are well disciplined & very curious to know the basic electrical concepts in practical.
- 2) Students are good at theoretical concepts

**HEAD OF THE DEPARTMENT**

**PRINCIPAL**