

## **ELECTRICAL ENGINEERING DEPARTMENT**

### **FINAL REPORT of the expert talk**

#### **Current Indian Energy Scenario and Challenges In The Distribution System**

##### **Date and Venue**

The experts took place on 8th March 2017 at Seminar hall of the College. The trainer arrived at the venue before an Hour, to check and adjust the arrangements as per the workshop requirement.

##### **Experts**

The experts MR. Ketan.R.Parikh who is executive engineer in P.G.V.C.L and having more than 20years of filed experience. Second expert is MR. Chirag Mandani, he is deputy engineer in the same company as well and having more than 10years of field experience.

##### **The Expert Talk**

After expert talk begins we first welcome Mr. K.R.Parikh to share their idea regarding the subject. He spoke about the basic of the current Indian electrical scenario, current energy deficit in the demand and supply in the Gujarat and in the India. He also spoke about the per capita energy consumption in the Gujarat and in India too. He spoke about the Gujarat grid, western grid and national grid too. In the distribution system he mainly focuses on the T&D losses in the distribution system which majorly cause due to power theft. He also explains the students about their role in the society to helping to stop the power theft.

MR. Chirag Mandani mainly focuses on the distribution system. He spoke about the condition of the distribution line and maintenance process of the distribution line. He also focuses on the Gujarat government scheme of “jyotigram yojana” and agriculture feeder losses. He also give information to the students about the use of non conventional energy sources and their importance in the today’s world.

He also give the information to the student about Gujarat government scheme solar rooftop power plant.





### **Outcomes of the Expert Talk**

1. Students become familiar with the current Indian electrical trends.
2. Student becomes familiar with the current transmission and distribution system in India.
3. Student aware about power theft and its cause in Gujarat as well as in India
4. Students feel motivated about the use of non conventional energy sources to save Mother Nature.