



Sarvajani Education Society

Sarvajani College of Engineering and Technology

Department of Electrical Engineering



A Report on Interaction with an Alumnus on Switchgear Maintenance Practices at Reliance Industries Limited

**Organized by:
Department of Electrical Engineering
SCET Alumni Association**

**Alumnus:
Mr. Viral Patel
Senior Manager, Reliance Industries Limited, Hazira
On
2nd August '2017**

**Co-ordinator:
Prof. Urvi T. Jariwala
(SCETAA Representative, Electrical Department)**

Department of Electrical Engineering organized an interactive session under the banner of “**Share What I Gain**”, initiated by SCET Alumni Association for the 3rd year and final year students of Electrical Department, SCET. The talk was titled: “**Switchgear Maintenance Practices at RIL**” and was imparted by Mr. Viral Patel, 2006 alumnus. The purpose of the session was to make the students aware about actual practices followed in the field apart from the knowledge they gather from the books.

About the Alumuns

The invited worthy Alumnus is currently working as a Senior Manager in Reliance Industries Limited, Hazira, Surat for last 10 years and prior to that, worked in GHCL Ltd., Surat for a year. Being a senior engineer at Central Engineering Services, he is responsible for new project approval, design, engineering and execution in petrochemical section. He is a BEE certified energy auditor and DNV certified ISO 9001:2015 auditor.

Apart from this, he had been all India champion in table tennis in 1998 in under age 14 category. He has been a national player as a captain of Gujarat 7 times. He has become all India inter engineering champion 3 times and University captain 4 times.

Highlights of the interaction:

- Mr. Patel gave an overview about the company and its progress in recent years.
- He focused mainly on problems faced in maintaining bus bars and switchgears.
- He discussed in detail the effects of abnormal temperature rise and fault detection.
- The high tech instruments to detect temperature rise and faults in inner parts of switch gears.
- He also motivated the students by discussing 90-10 principle and how to apply it to solve our day to day problems.

Here are a few glimpses of the session:



Mr. Patel welcomed by Prof. Ekta R Desai



Interaction with the students



Mr. Patel presenting case-studies



Mr. Patel being presented a memento by Prof. Urvi T. Jariwala