



Sarvajani Education Society

## **Sarvajani College of Engineering and Technology**

**Department of Electrical Engineering**



### **A Report on Interaction with an Alumnus on Electrical Power Quality Issues and Case Studies at L & T**

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

**Alumnus:  
Mr. Ronak S. Desai  
Senior Engineer, L&T-MHPS Turbine Generators Pvt. Ltd., Hazira  
On  
22nd August '2016**

**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 3<sup>rd</sup> year and final year students of Electrical Department, SCET. The talk was titled: **“Electrical Power Quality Issues and Case Studies at L & T”** and was imparted by Mr. Ronak Shaileshbhai Desai, 2008 alumnus. The purpose of the session was to make the students aware about actual scenario of electrical power qualities in various states of our country.

### **About the Alumuns**

The invited worthy Alumnus is currently working as a Senior Engineer in L&T-MHPS Turbine Generators Pvt. Ltd., Hazira, Surat and prior to that, worked in Torrent Power Ltd., Surat. He has been deputed on overseas projects in countries like South Korea, Switzerland, Saudi Arabia for various assignments. His area of interest are power quality, energy efficiency and renewable energy. He has presented power quality case studies to Maharashtra power distribution board and IEEE Hyderabad international conference.

He is an associate member of Institute of Engineers. He has been enrolled as a member of Southern Gujarat Chamber of Commerce and Industries and also a life member of South Gujarat Productive Council and a member of governing body in year 2015. He is also appointed as a member of technical advisory committee of electrical engineering department, SCET, Surat

### **Highlights of the interaction:**

- Mr. Desai gave an overview about the company and its progress in recent years.
- He focused mainly on current power quality issues faced by different states of India and possible solutions.
- He discussed in detail the root causes of poor power quality - harmonics.
- He also presented various case studies of the practices they follow at L&T-MHPS Turbine Generators Pvt. Ltd., Hazira, Surat as corrective measures to improve power quality.
- He also motivated the students by telling them how one can have a blooming career in the area of interest by hard work, perseverance and willingness to work even at an ungodly hour.

**Here are a few glimpses of the session:**



Mr. Desai welcomed by our HoD Prof. N. V. Shah



Interaction with the students





Mr. Desai presenting case-studies



Mr. Desai being presented a memento by Prof. U. T. Jariwala