

## EVENT REPORT

Event title:	"Expert talk on Constructional aspects of Large scale Generator"		
Date:	03/02/2017	Timings:	1:30-3:30pm
Venue:	Seminar Hall	No. of attendees:	120
Organized by:	Electrical Engineering Department in coordination with Larsen & Toubro Ltd.		
Report compiled by:	Prof MSZ		

### Summary of event

Electrical Engineering Department in co-ordination with L&T Power organized an expert talk in order to create technical awareness among students and enhance their practical knowledge. The talk was delivered by Mr Darshan Shukla from Larsen & Toubro Ltd. It was largely focused on constructional aspects of large scale generator, problems occurring due to rise in winding temperature and cooling techniques for the same. It was an interactive session. The talk benefitted the faculties of the department as well.

### Context of event

The talk was delivered to about 110 students belonging to various levels of Electrical Engineering. It largely benefitted them as they are learning courses like AC machines, DC machines, Machine Design, Electrical machine Modeling & Analysis et al.



## DEPARTMENT OF ELECTRICAL ENGINEERING

---

### Speaker profile

Name: Mr Darshan Shukla

Academic Credentials:

- B.E (Electrical) M.S. University
- PG Diploma in Material Management, Quality Management NILEM, IGNOU  
Operation Management

Career Summary:

- Larsen and Toubro Limited (Y2001 – Till date)
- Gujarat Alkalies and Chemicals Limited – (Y1996 – Y2001)
- Jyoti Limited – (Y1992 – Y1994)

Professional Overview:

- Electrical Engineer with 24 years of **comprehensive EPC experience in the field of Design Engineering, Project Management & Commissioning of Gas and Coal based Power Projects** of ratings ranging from **100 MW to 5000 MW** in various Indian and International locations
- Wide experience of working with GE (USA), S&L (USA), GE (Australia), BEMCO (Saudi Arabia), Al Touqi (Saudi Arabia) for various Gas based and Coal based Power projects for projects capacities from 100 MW to 5000 MW.
- Engineering domain expertise including development of Design Criteria, Protection and operating philosophy, Interface with control system, System Analysis and Auxiliary power Distribution System, Procurement Specification, Equipment sizing, Vendor drawing review, Layout Engineering, etc.

Achievements:

- Designed the largest IPBD in India in 2 x 800 MW for APPDCL – 27500 A natural cooled, Non pressurized.
- Completed the Basic engineering of 2 x 600 MW Malwa Project in a record time of 6 months enabling early start of all the procurement and construction activity.
- Completed the commissioning of the Electrical System of 2 x 600 MW DB Power Project well ahead of schedule driving completion of rest of the systems due to availability of grid power.

**Session photographs:**



**Staff and students of EE Department**



**Mr Darshan Shukla addressing the audience**



**Dr RRP presenting memento to Mr Darshan Shukla**