



SurTech

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COMPLEX**

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**Report on  
One Day Industry Visit to Elmech Engineers Pvt. Ltd  
Organized by  
Basic Science & Humanities Department**

**Date** : 06/04/2024  
**Duration** : 9.30 am to 2.30 pm  
**Venue** : 6, Jayashree Complex, NH-6, Alampur, Howrah- 711302, West Bengal, India.

**Introduction:**

A complete based on an industrial visit organized by Basic Science & Humanities Department, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, Dum Dum, Kolkata, Unit of JIS Group, for 1st year B.Tech EE and ECE students in order to enhance their practical stimulation and to let them having an overview on the activities related to power supply carried out by Elmech Engineers Pvt. Ltd.



**Overview of the Trip:**

The Department of Basic Science & Humanities, DSCSITSC organized a "One Day Industry Visit" for 1st year B.Tech EE and ECE students on 6<sup>th</sup> April, 2024 at "Elmech Engineers Pvt. Ltd." located at plot no. 6, Jayashree Complex, NH-6, Alampur, Howrah- 711302, West Bengal, India.

Dr. Dipankar Das & Dr Sukhendu Sadhukhan were the co-coordinators for this whole industrial visit.

## Details of Journey:

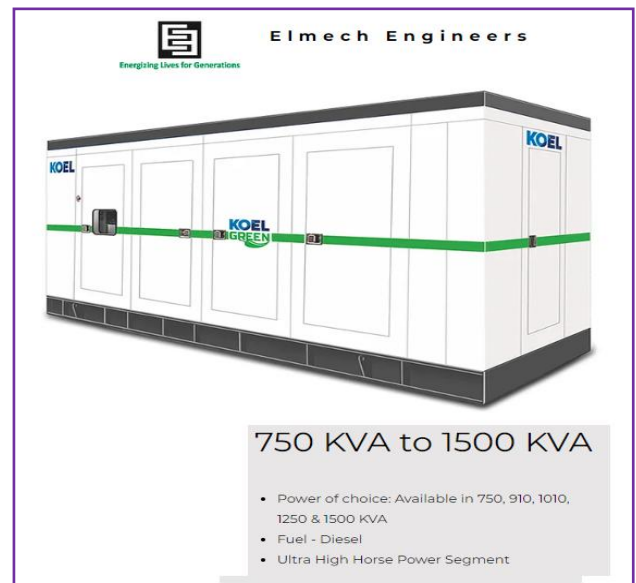
- We started travelling from the college campus at 9.30 AM our journey via college bus on 6<sup>th</sup> April, 2024 along with coordinators.
- We reached to the premises at Alampur with in a one hour.
- At very beginning of our visit, we met with Mr. Vaibhav Singhal, Vice President, Elmech Engineers.



## Company Profile:

### History of Company:

Elmech Engineers is a Manufacturer of Kirloskar Green products with customers ranging PAN India. Kirloskar is one of the largest suppliers and manufacturers of Power Generation products of India. Elmech started its operations from 1980 and since its establishment, has been successfully providing unparalleled nationwide service to numerous customers and organizations.



**Objectives of the Visit:**

- To learn about company policies in terms of production, quality, and service management and acquainting themselves with the working of instruments during the course curriculum.
- In order to learn the practical process of how to prepare Genset control (KOEL) of Kirloskar DG set.
- To obtain practical knowledge of preparation of metal sheet with CNC machine.
- To get the safety parameters and measure during manufacture of metal sheet.
- To learn different kinds of automated machine used for coloring the sheet.
- To get the details of load calculation.
- In order to get brief idea about DG set control panel.
- Break-Down Voltage test
- Resistance Test
- High Voltage Test

**Outcome of Industry Visit:**

- Opportunity to interact with Industry Experts.
- Learning experience.
- Enhanced employability and PPOs.
- Management Lessons.
- Interpersonal skills enhancement.

Hence, Industrial Visit is a most practical approach towards learning through interaction, working practices etc. and hence gives a perfect reality check to the students.

**Acknowledgement:**

- We extend our heartiest thank to Mr. Vaibhav Singhal, Vice President, Elmech Engineers for allow us to visit esteemed organization.
- Special thanks to Ujjwal Das, Sr. Manager, Kirloskar Ltd and Mr. Debdulal Das, Manager, Plant for their kind support.
- We thank to our honorable Principal, Prof. (Dr.) Saradindu Panda for giving prior permission for industry visit and his cordial cooperation.