



Sarvajanik University  
Sarvajanik College of Engineering & Technology,  
SCET, Surat



*A report on*  
**Industrial Visit**  
**At**  
**M/s. System Engitech Pvt. Ltd., Surat**

**Organized by**  
**Shree Dhansukhlal Thakordas (Colourtex Group)**  
**Department of Chemical Engineering**  
**In association with IChE Student Chapter, SCET**

(For students of BE-IV, SEM-VII)

on

18/11/2025



**Objectives of the visit:** To make the students understand the various aspects of design and fabrication of various equipments used in Chemical Industry.

<b>Resource Person:</b>	Mr. Samir Desai, Director, System Engitech Pvt Ltd, Surat
<b>Venue:</b>	System Engitech Pvt Ltd, Surat
<b>Date and Time:</b>	18/11/2025 at 10:00 AM to 4:00 PM
<b>Participants:</b>	BE-IV, SEM-VII Students
<b>Faculty Coordinator</b>	Prof. Rashmita Patel
<b>Faculty Joined the visit</b>	Prof. Rashmita Patel and Prof. Megha Vichare

**Summary:**

System Engitech Pvt Ltd, Surat is a leading name in design and fabrication segment. They are engaged in Manufacturing of wide range of Chemical and Pharmaceutical Process Plant Equipment. It has been more than two and half decades of successful journey from a humble beginning in 1993. Since beginning their focus has always been on strict adherence to quality standards par with international quality standard and to be a quality leader & establish close business relationship with all their esteemed customers. They have diligent experts, who carry out all the related processes in a streamlined manner to fulfil commitment and give customer satisfaction & delight them. Apart from the equipment designs the industry is also involved in the maintenance of different equipment used in various industries.

During the visit the students were divided into 2 batches. Before the visit to the plant the experts from the industry have given the brief idea about order receiving from various chemical and pharmaceutical industries. How they design the equipment based on the requirement of the customers using various computer software. After the small session students were taken to the plant where the actual fabrication of various equipment is being done. Students had seen and gathered the information about the following equipments:

- Shell and Tube Heat Exchanger
- Limped Coil Reactor
- Different types of flanges
- Agitated Nutch Filter Dryer
- Different types of agitators

**Glimpses of the visit:**



**Industrial Visit @ System Engitech Pvt. Ltd, Surat  
BE-IV, 7<sup>th</sup> Semester, Date: 18/11/2025**





### **Acknowledgements**

The Chemical Engineering Department, SCET would like to acknowledge, the following for making this visit possible.

- **M/s. System Engitech Pvt Ltd, Surat**
- **Managing trustees and office bearers of the Sarvajanic College of Engineering and Technology**
- **Prof. (Dr.) Hiren Patel, Principal, SCET**
- **Prof. Srujal Rana, Head, Chemical Engineering Department**
- **IICHe Student Chapter, SCET**

*-Compiled by : Rashmita Patel, Asst Professor, Chemical Engineering Department*