



**SARVAJANIK
UNIVERSITY**

INCLUSIVE | INTEGRATED | INNOVATIVE

creating an enlightened society...



Sarvajanik College of Engineering & Technology, Surat

An Industrial
Visit report
on

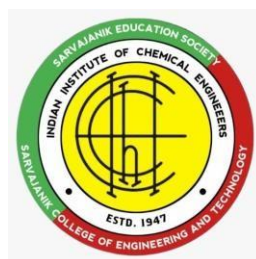
“The Surat-Tapi District Co-operative Milk Producers' Union Ltd (SUMUL)”

(For students of B.Tech - I SEM - 1)

on

24-09-2026

In Association with IIChE Student Chapter, SCET



Shree Dhanshukhlal Thakordas
Department of Chemical Engineering
Sarvajanik College of Engineering & Technology,
Dr. R. K. Desai Marg, Athwalines, Surat- 395001

- **Objectives of the visit:** The main objective of this industrial visit was to analyze large-scale unit operations, chemical processes, and environmental sustainability systems at the SUMUL Dairy plant from a Chemical Engineering perspective, bridging classroom theory with practical knowledge.



Date:	24 th September'2026
Coordinated by:	Prof. Rashmita Patel
Accompanied by:	Prof. (Dr) Swati Sharma and Prof. Renuka Modi
No of Students:	41 Students (B.Tech-I Sem I)

Summary:

The Surat-Tapi District Co. operative Milk Producers' Union Ltd. (formally known as The Surat District Co. operative Milk Producers' Union Ltd.), SUMUL is trade name and literally meaning sound price, came into existence on August 22, 195. Sumul or The Surat-Tapi District Co-operative Milk Producers' Union Ltd, is one among the 21 district unions which acts as manufacturing units of dairy products for Gujarat Co-operative Milk Marketing Federation Limited, the marketers of Amul brand of products.

Surat & Tapi District has been a Pioneer in India in channeling trade in Cotton and Milk through co-operatives. Before SUMUL stepped in, traditional Private Milk Traders were dominant in the area.

Upon arriving at the **SUMUL Dairy plant** at approximately 10:00 AM, students underwent a routine security check where all digital gadgets were deposited for safety and compliance. At the main entrance, the technical team, plant technicians, welcomed the group and provided initial guidelines about the facility's operations and SUMUL different products. Our group was led by technical experts who guided us through the entire automated milk and dairy processing journey. The tour began with the milk reception and collection area, followed by the paneer making, chees making and packing of different products. The technician shared insightful data regarding SUMUL's daily production capacity and the massive market demand for dairy products. Furthermore, the technicians highlighted the plant's environmental sustainability initiatives by explaining the effluent generation and waste water management systems, demonstrating how processing water is treated and recycled for utility purposes. Throughout the visit, the team emphasized the plant's stringent safety protocols and corporate guidelines.

After completing visit, we captured a few photographs to document our successful visit. Prof. Swati Sharma then delivered a formal vote of thanks to the company personnel, expressing appreciation for their time and efforts. He highlighted how this experience provided excellent, practical exposure for our upcoming engineering students as they prepare for their future careers.

GLIMPSES OF THE VISIT:

Please note that cameras are not permitted inside the plant, and the photography of any events is strictly forbidden.



Acknowledgement

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

- **The Surat District Co. operative Milk Producers' Union Ltd. SUMUL**
- **Managing trustees and office bearers of the Sarvajani College of Engineering and Technology**
- **Prof. (Dr.) Hiren Patel, Principal, SCET**
- **Prof. Srujal Rana, Head, Chemical Engineering Department**
- **Prof. Rashmita Patel – T & P coordinator CHED- Instrumental for arranging the visit.**
- **IChE Student Chapter, SCET**

-Compiled by: Prof. Dr. Swati Sharma and Prof. Renuka Modi, faculty of Chemical Engineering Department