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UNIVERSITY**

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## **Sarvajani College of Engineering & Technology, Surat**

*A report*

*on*

*Visit to*

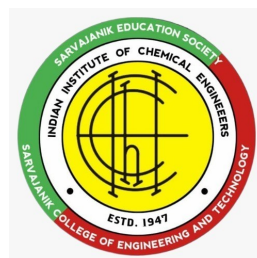
**Anupam Rasayan India Limited, Sachin.**

(For students of BTech-I & II SEM -1 &3)

on

16-09-2023

**In Association with IChE Student Chapter, SCET**



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

➤ **Objectives of the visit:** To make the students understand the various aspects of Process and production of various Chemical products.

<b>Resource Person:</b>	Mr. Bhavin Desai, HR Manager, ARIL, Sachin.
<b>Venue:</b>	Anupam Rasayan India Limited, Sachin- GIDC, Surat
<b>Date and Time:</b>	16 <sup>th</sup> September'2023 at 9:00 AM to 2:00 PM
<b>Participants:</b>	BE I & II SEM (1 & 3) Students
<b>Faculty Accompanied during the Visit:</b>	Dr. Vaishali Umrigar, Prof. Ashish Parmar & Ms. Ekta Desai

### Summary:

Anupam Rasayan India Ltd, Sachin –Surat was incepted in 1977. Anupam Rasayan India Limited® is one of the leading companies engaged in the custom synthesis and manufacturing of specialty chemicals in India. Certain of our facilities are ISO 9001:2015 and ISO 14001:2015 certified company with sound technology, environment consciousness, rich history of innovation through research, and total commitment to excellence towards quality and sustainability.

### The Company Vision & Mission:

Vision is to be a globally reputed chemical manufacturing company with respect to our Research, Technologies, Quality, Safety and care of our Environment.

Mission is to grow exponentially in a multi-faceted manner in the group chemistries that we are proficient in and most importantly, through our customer support.

They developed a strong R&D structure to drive company growth. Due to this, Green manufacturing and Green growth have always been to the top of our agenda, we have developed new eco-friendly, safer and novel routes for many products. Most of these products have been introduced on an exclusive basis for our customers. R&D team, Anupam Rasayan India Limited® has secured a strong market position. They have Six manufacturing sites that are located in the state of Gujarat: 4 sites are in Sachin, Surat and 2 state of art sites are in Jhagadia, Gujarat.

After reaching to the industry at around 10:00 AM, Students entered with security check having no digital gadgets. The Technical, Sales and Safety heads were available at the conference room for the in depth presentation about the company.

Sales head, Mr. Ishan Nandwani explained about the company product profiles, market demand & supply as well as the growth and expansion of the company.

Then Dr. Aviral Shah, R & D division explained about the technical aspect, R&D production at lab scale, pilot scale and then small scale. He also explained about the use of various new technologies of micro-reaction and flow chemistry reactions with pilot scale to 300 KL reaction systems. He showed the mechanism steps with fixed bed column separation at Industrial scale.

Mr. Piyush Mistry, EHS department explained about the safety aspects at the company during visit. They have sorted some of the queries raised by the students.

Then Mr. Bhavin Desai, HR division who was the key personnel for this visit arrangement has divided the group of students in two groups. At around 12:00 noon, they diverted us to their second plant site nearby for the field visit of the students.

They have provided the PPE such as safety shoes, goggles and helmet during the field visit at the plant. As the students are from B.Tech- I & II year; it was very exciting for them to see

working plant at very large capacity. They have shown all types unit operations such as reactors, separation, centrifugation, distillation, rotary vacuum dryer, etc. Plant In charge, One engineer who is also the alumni of SCET Mr.Ahmed Chandiwalla explained all types of operations and troubleshooting during the operation handling. He also showed DCS system to our students and explained how automation reduces risks and how you can control various operating parameters by the use of P, PID controllers.

Around 1:30 PM, we have taken few photographs, delivered thanks to the company personnel for providing very good exposure to our upcoming engineers, students and we left around 1:45PM from the GIDC.

**GLIMPSES OF THE VISIT:**









### **Acknowledgements**

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

- **Anupam Rasayan India Limited, Sachin-GIDC, 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**
- **IICChE Student Chapter, SCET**

***-Compiled and Coordinated by: Dr.Vaishali R Umrigar, Asst Professor, Chemical Engineering Department***