



CHEMICAL ENGINEERING DEPARTMENT

A Report on Industrial Visit at

Sterlite Organics, Panoli GIDC

Objective of Industrial Visit:

The main objective of the organised industrial visit is to let students understand various significant concepts practically through interaction and analyzing the actual working methods. Moreover, it gives exposure from academic point of view. Major aim of the industrial visit is to provide an exposure to students about theory and practical work interaction as well as actual difference between theoretical diagram of object and actual working model process rather than ideal one.

Details of Industry:

- 1. Name of Industry:- Sterlite Organics**
- 2. Address: - Plot No. 3405, GIDC, Panoli-394116, Dist. Bharuch (Gujarat), India3.**
- Date of Visit: - 27/04/2023**
- 4. Year / Semester: - 2nd Year/ 4th Sem**
- 5. No. of Students: - 40**
- 6. No. of Faculties: - 2**

Class Coordinator:- Prof. Chirag G. Parmar & Prof. Prince J. Patel

Descriptions:-

In the evening we reached the location of Sterlite Organics at Panoli GIDC. Sterlite organics is a newly well-designed drug, and alcoholic solvent company. We saw three tube plates boiler. The front and rear tube plates are welded into the end of the shell. Here boiler is operated by the panel room, among this some of the workers were also there to feed the fire hole from the compressed bagasse. For less heat loss boiler is covered with the brick wall of the concrete. They have 2 SSR and 1 GLR in working condition so we had seen the reactor reaction. The main product was DMF (dimethyl formamide), DMS (dimethyl sulfates) and sodium methoxide. Here the reactor speed is between 20-30 rpm. They have an ETP plant also for the liquids & solids recovery.

They have their personal lab for the testing of various samples. We saw one cooling tower on the top of the building which provides a cooling tower for all reactors, and heat exchangers through the green pipeline. After the demonstration, we asked our questions one by one. And then we take some pictures for our memory.



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From the one-day industrial visit, we understand how solvent recovery plants, ETP plants, distillation columns, reactors, and heat exchangers are actually working and what type of problems are carried out in.

We are thankful to our college and faculty staff to bring us for this adventurous industrial visit. We are also thankful to the both company's manager and HR department for allowing us for their company visit.

College Faculties & Staff Presence in the Visit:-

1. Prof. Chirag G. Parmar
2. Prof. Prince J. Patel
3. Miss. Payal Anasai

Students Presence in the Visit:- Annexure-I

Photographs:- Annexure-II



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Annexure-I

S. N. Patel Institute of Technology & Research Centre, Bardoli
Chemical Engineering Department (Sem: 4)
Industrial Visit at Sterlite Organics (Panoli)
Attendance Sheet (Date: 27/04/2023)

Sr. NO.	PEN	Name	Signature
1	210490105002	Mahesh	Mahesh
2	210490105003	Vasava Sumitkumar Dineshbhai	Sumit
3	210490105004	Gayakwad Yash Vijaybhai	Yash
4	210490105005	Vasava Kishan	Kishan
5	210490105006	Vasava Yatish	Yatish
6	210490105007	Arpit chaudhari	Arpit M.
7	210490105008	Kirtan sunva	Kirtan
8	210490105009	Patel yash	yash
9	210490105010	Pal Yash Rajendraprasad	yash
10	210490105012	Akshar rakholiya	Akshar
11	210490105013	patel deep pankajbhai	Deep
12	210490105014	Vasava Pritikal	Pritikal
13	210490105018	BHAVESH VASAVA	Bhavesh
14	210490105019	Chaudhari axaykumar sunilbhai	Axay
15	210490105020	Darshan rakeshbhai rathod	Darshan
16	210490105021	Vekariya jaimin Arvindbhai	Jaimin
17	210490105022	Vasava Rohan	Rohan
18	210490105023	VASAVA IMANUVEL	Imanuveld
19	210490105024	Vasava Ankitkumar Anilbhai	Ankit
20	210490105026	Rohan Vasava	Rohan
21	210490105027	Patel Mehulbhai Parvinbhai	Mehul
22	210490105029	Gamit khushbu	Khushbu
23	210490105030	Tiwari Nileshkumar Rakeshkumar	Nilesh
24	210490105032	Vasava Atulkumar	Atul
25	210490105033	Prekshakumari Sandipkumar Rathod	Preksha
26	210490105034	Prajapati Disha kiritbhai	Disha
27	210490105035	Shah Mahek kalpeshbhai	Mahek
28	210490105036	Henil Maisuriya	Henil
29	210490105038	Manav jaisinghani	Manav
30	210490105039	Krish Dipakbhai Panchal	Krish
31	210490105040	Devanshu Pravinchandra Prajapati	Devanshu
32	210490105042	Shubham kankadiya	Shubham
33	210490105047	Chaudhari Vidya Anil	Vidya
34	210490105050	Gamit Medona Mayurbhai	Medona
35	210490105052	Ankit sinh limbola	Ankit
36	210490105055	Chaudhari asmata bherubhai	Asmata
37	210490105056	Bhoi sagar	Bhoi
38	210490105059	Hetvikumari Bipinbhai Chaudhari	Hetvi
39	210490105062	Kotvaliya Jigneshkumar	Jignesh
40	210490105063	Chaudhari Mit	Mit
41	220493105005	Gaurav jagtap	Gaurav
42	220493105008	MAHIDA UJVALA SANJAYSINH	Mahida
43	220493105010	Panchal Rahulkumar kamleshkumar	Rahul
44	210490105031	Sunil Sen	Sunil
45	210490105049	Arun Yadav	Arun
46	210490105015	Shah Nitesh	Nitesh
47	210490105016	Abhishekh Govtam	Abhishek
48	220493105003	Chintan Desai	Chintan



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Annexure-II





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