



CHEMICAL ENGINEERING DEPARTMENT

A Report on Industrial Visit at

Globe Enviro Care Ltd., GIDC Sachin, Surat

Objective of Industrial Visit:

The main objective of the organized 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:- **Globe Enviro Care Ltd.**
2. Address: - Plot No:- Plot No PP-1 B/H Kay Tex Mills, Off Road No 2 GIDC Estate Sachin, Surat
3. Date of Visit: - **11/01/2023**
4. Year / Semester: - **2nd Year/3rd Sem**
5. No. of Students: - **56**
6. No. of Faculties: - **2**

Class Coordinator:- Prof. Prince J. Parmar, Prof. Akash R. Raval & Prof. Nisha S. Ojha

Descriptions:-

On 14th October 2022, we had an Industrial Visit at GNFC, Bharuch. It was an excellent opportunity to get industrial exposure in such a huge company.

In the morning 8:30 AM, we all gathered at the assembly and waited for the bus. At 8:45 AM, Bus arrived and one by one we all were settling down on the bus. At 9:00 AM, we departed from our college. The distance between our college and GNFC, Bharuch was around 90 km. We have a lot of time during travelling. Some were going singing music, some were discussing about GNFC Bharuch and its salient features, rest were talking with each other casually.

At 12:30 PM, we reached the GNFC Bharuch, Firstly we visited the fourth pillar of GNFC which is the NEEM Project. NEEM Project was started to save subsidized fertilizer for farmers to get used by



CHEMICAL ENGINEERING DEPARTMENT

Industries as raw material. For that GNFC created a solution by coating fertilizer with Neem Oil. For that GNFC collect Neem Seeds from different branches and gathered them at the NEEM Project plant.

Firstly Collected Neem Seeds are washed and screened to get the right seeds for expelling. Then expelling and extraction happened in which Neem Oil is extracted around 60-75 % and this Neem Oil is denoted as Grade 1. Grade 1 oil is used in FMCG Products which are Soap, Shampoo, Face wash, etc. After Grade 1 oil is extracted again neem seeds are expelled and extracted to get the remaining 20-30% neem oil and this is denoted as Grade 2 oil. It is used in the coating of fertilizer. The residue of neem seed is sold as a Deoiled Neem Seed by GNFC.

It take us 1:30 hours to get to know about NEEM Project then we lead towards the canteen at 12:30 PM which is offered by GNFC Bharuch. Lunch was good like home. After lunch, we head towards the 2-Methanol plant in GNFC Campus. We reach the location at 1:30 PM and one of the experts of that plant guided us firstly they explained to us the whole process sequence. Then they showed us the DCS-PLC operating area where the whole unit is controlled automatically. Then the expert of that unit showed us the single equipment, utilities and auxiliaries of that unit.

They showed us the Distillation Unit, Reformer unit, Heat Exchangers, Valves, Pumps, etc. After that, they told all of us to ask questions related to the unit. Some of us asked our doubts and get answered well by experts. It gets 3:30 PM and we lead towards the conference hall for the concluding session. There all shared their views on Industrial Visit. We thanked the expert for guiding us and solving our doubts. We thanked the GNFC Bharuch and IChE Ankleshwar for allowing us for Industrial Visit.

At 4:00 PM, GNFC again arranged Tea - Samosa for all of the students and after that, we had a memorable photo at GNFC Bharuch and leads towards the bus and get returned to college. Every student now has a different view of Industry. The importance of Practical knowledge with Theoretical knowledge increased. Everyone is now focused towards their career. Industrial Visit is very important for every Engineering Student, especially for Chemical Engineering Students. I personally think that in Every Semester there should be at least 2 Industrial visits according to the studies they are studying.

College Faculties & Staff Presence in the Visit:-

1. Prof. Jignesh A. Parmar
2. Prof. Nisha S. Ojha

Students Presence in the Visit:- Annexure-I

Photographs:- Annexure-II



CHEMICAL ENGINEERING DEPARTMENT

Annexure-I

S. N. Patel Institute of Technology & Research Centre, Bardoli
Chemical Engineering Department (Sem:3)
Industrial Visit at Globe Enviro Care Ltd (Sachin)

Attence sheet

Date 11-01-2023

Sr. No.	PEN No.	Full name of student	Mobile no.	Sign	Remarks
1	210490105001	✓ Rai Shivam Nand Gopal	7285890410	Shivam	
2	210490105002	✓ Patel Mahesh	9664901396	Mahesh	
3	210490105003	✓ Vasava Sumitkumar Dineshbhai	9313901700	Sumit	
4	210490105004	✓ Gayakwad Yash Vijaybhai	9328740179	Yash	
5	210490105005	✓ Kishan Kumar Thakor Bhai	9327805622	Kishan	
6	210490105006	✓ Vasava Yatish Chandrakant Bhai	9106078665	Yatish	
7	210490105007	✓ Chaudhari Arpitkumar Mukeshbhai	9313083199	Arpit	
8	210490105008	✓ Kirtansinh Narendrasinh Sunva	9510878207	Kirtansinh	
9	210490105009	✓ Patel Yashkumar Nareshbhai	9978582916	Yash	
10	210490105010	✓ Pal Yash Rajendraprasad	9428321068	Yash	
11	210490105012	✓ Rakholiya Akshar Prakashbhai	7490837134	Akshar	
12	210490105013	✓ Patel Deep Pankajbhai	7433900743	Deep	
13	210490105014	✓ Vasava Pritikalkumar Ashokbhai	7874156812	Vasava P.K.	
14	210490105015	✓ Nitesh Manoj Shah	9429863526	Nitesh	
15	210490105016	✓ Gautam Abhishek Kumar Ashok Kumar	9722233758	Abhishek	
16	210490105018	✓ Vasava Bhaveshkumar Ratilal	9328815425	Bhavesh	
17	210490105019	✓ Chaudhari Axaykumar Sunilbhai	9106636004	Axay	
18	210490105020	✓ Darshan Rakeshbhai Rathod	8980288237	Darshan	
19	210490105021	✓ Vekariya Jaiminkumar Arvindbhai	9904413506	Jaiminkumar	
20	210490105022	✓ Rohankumar J. Vasava	9313731825	Rohankumar	
21	210490105023	✓ Vasava Imanuvel Bhai Dipak Bhai	8849406793	Imanuvel	
22	210490105024	✓ Ankit.A.Vasava	9978105267	Ankit	
23	210490105025	✓ Makvana Yash Dharmendrabhai	6352380039	Yash	
24	210490105026	✓ Vasava Rohan Bhai Natvar Bhai	9265309064	Rohan	
25	210490105027	✓ Patel Mehulbhai Parvinbhai	6356844614	Mehul	
26	210490105029	✓ Khushbuben Manishabhai Gamit	7861953338	Khushbuben	
27	210490105030	✓ Tiwari Nileshkumar Rakeshkumar	9558003619	Nilesh	
28	210490105031	✓ Sen Sunilbhai Vikashbhai	6351564353	Sunil	
29	210490105032	✓ Atul Suresh Vasava	7863044518	Atul	
30	210490105033	✓ Rathod Prekshakumari Sandipkumar	9429173948	Prekshakumari	
31	210490105034	✓ Prajapati Disha Kumari Kirit Kumar	9313567050	Disha	
32	210490105035	✓ Shah Mahek Kalpeshbhai	9913348792	Mahek	
33	210490105036	✓ Maisuriya Henil Rajubhai	7861014648	Henil	
34	210490105038	✓ Manav Mukesh Jaisinghani	6354092793	Manav	
35	210490105039	✓ Panchal Krish Dipakbhai	9687348221	Krish	
36	210490105040	✓ Devanshu Pravinchandra Prajapati	7698264292	Devanshu	
37	210490105041	✓ Lad Vishva Dalpatbhai	9714013397	Vishva	
38	210490105042	✓ Shubham Alpesh Kankadiya	8490002150	Shubham	
39	210490105043	✓ Prajapati Jaykumar M.	7862937375	Jaykumar	
40	210490105044	✓ Patel Smitkumar Bhupatsinh	7862929712	Smit	
41	210490105046	✓ Chaudhari Srushti Ballubhai	9316563670	Srushti	
42	210490105047	✓ Chaudhari Vidya Anil	9664914796	Vidya	
43	210490105048	✓ Chaudhari Laxmikant Gudduganga	8732965934	Laxmikant	
44	210490105049	✓ Yadav Arun Ashok	9173293847	Arun	
45	210490105050	✓ Medona Mayurbhai Gamit	8141040813	Medona	
46	210490105051	✓ Chauhan Krishnasinh Gauravsinh	9265845487	Krishnasinh	
47	210490105052	✓ Limbola Ankitsinh Bharatsinh	8320065856	Ankitsinh	
48	210490105053	✓ Manjesh Kamalashkumar Gautam	9023077856	Manjesh	
49	210490105054	✓ Vasava Karan Sukhdevbhai	9316138431	Karan	
50	210490105055	✓ Chaudhari Asmitaben B.	9737197428	Asmitaben	
51	210490105056	✓ Bhoi Sagar Bharatbhai	9510289927	Sagar	
52	210490105059	✓ Chaudhari Hetvikumari Bipinbhai	7435040252	Hetvikumari	
53	210490105060	✓ Aaryansinh Ranjitsinh Vasava	9106505837	Aaryansinh	
54	210490105062	✓ Kotvaliya Jigneshkumar Narendrabhai	7990159934	Jignesh	
55	210490105063	✓ Chaudhari Mitkumar Jashvantbhai	9327005230	Mitkumar	
56	D2DCH11	✓ Mahida Ujalakumari Sanjaysinh	8511642870	Mahida	
57	D2DCH14	✓ Chintansinh Parakhsinh Desai	7567826667	Chintansinh	
58	D2DCH16	✓ Gauravkumar Rajubhai Jagtap	9316289430	Gaurav	
59	D2DCH17	✓ Panchal Rahulakumar Kamleshkumar	7623983488	Rahul	
60					

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Annexure-II





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