

Activity Report



Activity Report

One Day Workshop on

"Sustainable Chemistry : Integrated Workshop on Production, Quality testing and Effluent treatment"

Jointly Organized by

Department of Chemical Sciences, Faculty of Sciences

Atmiya University, Rajkot

&

Tata Chemicals Limited,

Mithapur, Okhamandal, Dist. Jamnagar, Gujarat, India.

On

6th September, 2025 (Friday)

For the students of

B.SC / M.Sc. Chemistry & Industrial Chemistry (Sem - III & VI)

ATMIYA University, Rajkot



TATA CHEMICALS LIMITED

One day workshop

Sustainable Chemistry: Integrated Workshop on Production, Quality Testing, and Effluent Treatment at Tata Chemicals Mithapur

Jointly organized by:

Department of Chemical Sciences, Faculty of Science, Atmiya University, Rajkot

&

Tata Chemical Ltd, Mithapur, Gujarat

Venue:

**Tata Chemicals Limited, Mithapur, Okhamandal, Dist. Jamnagar,
Gujarat, India.**

Key Highlights:

Sustainable chemistry approaches in large-scale salt production and allied processes.

Hands-on demonstrations of advanced analytical and quality testing instruments.

ETP visit to understand real-time industrial sustainability practices.

Interaction with experts on process optimization and waste minimization.

Target Participant:

UG / PG scholars (Chemistry / Industrial Chemistry) / Faculties

Schedule

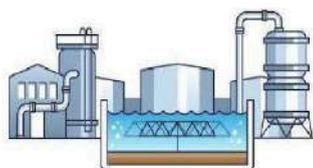
Date: 06th September 2025

Conveners

Dr. Ravi S. Tank / Dr. Pankajkumar B. Nariya

Activity Coordinators

Dr. Anilkumar S. Patel / Dr. Bhavin B. Dhaduk / Dr. Mayur K. Shiyal



Activity Report

Title of Activity	Sustainable Chemistry : Integrated Workshop on Production, Quality testing and Effluent treatment
Special Theme	Active learning strategies in higher education
Activity Schedule	6 th September, 2025 (Friday)
Venue	Tata Chemicals Limited, Mithapur, Jamnagar, Gujarat, India.
Resource Persons	Mr. Sanjeev Jain, AGM - EMS , Tata Chemicals Limited
Activity Coordinator	Dr. Anilkumar. S. Patel and Dr. Bhavin B. Dhaduk
Total No. of Participants	44
Details of Participants	B.SC / M.Sc. Chem. & Industrial Chem. (Sem - III & VI)

Outcomes of the Activity:

- A. Participants gained hands-on exposure to sustainable industrial practices in production, quality testing, and effluent treatment processes.
- B. Students were able to connect classroom concepts of green and sustainable chemistry with real-time industrial operations.
- C. The visit strengthened understanding of eco-friendly practices, effluent management, and compliance with environmental regulations.
- D. Improved analytical, problem-solving, and observation skills through interaction with experts and participation in live demonstrations.
- E. Strengthened collaboration between academia and industry, fostering opportunities for internships, research projects, and future employability.

Activity Report

Tree Plantation Activity:

A total 51 trees were planted by the faculty members and students at Tata chemicals Township to prompt the awareness towards environmental conservation and sustainability and contribute to a greener and cleaner environment within the township.



Beach Cleaning Activity:

A total 41 bags of plastic waste were collected and removed by the faculty members and students from the Tata chemicals township beach aiming to raise the awareness about reducing the single use plastic and encouraging the recycling in their daily lives. The activity also helped the local community to understand the harmful effects of plastic waste on marine and coastal ecosystems.



Introductory session of Industrial Expert

Dr. Pankaj Nariya, Head & Associate Professor, Department of Chemical Sciences, Atmiya University, Rajkot, introduced Mr. Sanjeev Jain, Assistant General Manager, Environment Management System at Tata Chemicals Ltd., to the students and highlighting his deputation, role and responsibilities, and tenure of service in the company.



Expert talk and Interaction session with Mr. Sanjeev Jain Sir

At the Tata Chemicals Training Centre, 43 students had the opportunity to interact with Mr. Sanjeev Jain, Assistant General Manager – Environment Management System, Tata Chemicals Ltd. The session focused on important topics including municipal solid waste, acid rain, hazardous waste, global warming, plastic waste, ozone layer depletion, and hazardous chemicals. Students actively shared their views and highlighted the importance of waste management and environmental conservation in today's world.





Mithapur, Gujarat, India
Cx3j+h62, Mithapur, Gujarat 361345, India
Lat 22.403907° Long 68.980485°
06/09/2025 01:02 PM GMT +05:30



Mithapur, Gujarat, India
Cx3j+h62, Mithapur, Gujarat 361345, India
Lat 22.40387° Long 68.980405°
06/09/2025 01:03 PM GMT +05:30



Mithapur, Gujarat, India
Cx3j+h62, Mithapur, Gujarat 361345, India
Lat 22.403892° Long 68.980439°
06/09/2025 01:18 PM GMT +05:30



Mithapur, Gujarat, India
Cx3j+h62, Mithapur, Gujarat 361345, India
Lat 22.403815° Long 68.980365°
06/09/2025 01:32 PM GMT +05:30



Mithapur, Gujarat, India
Cx3j+h62, Mithapur, Gujarat 361345, India
Lat 22.403913° Long 68.980443°
06/09/2025 01:07 PM GMT +05:30



Mithapur, Gujarat, India
Cx3j+h62, Mithapur, Gujarat 361345, India
Lat 22.403815° Long 68.980365°
06/09/2025 01:32 PM GMT +05:30



Mithapur, Gujarat, India
Cx3j+h62, Mithapur, Gujarat 361345, India
Lat 22.403902° Long 68.980453°
06/09/2025 01:13 PM GMT +05:30



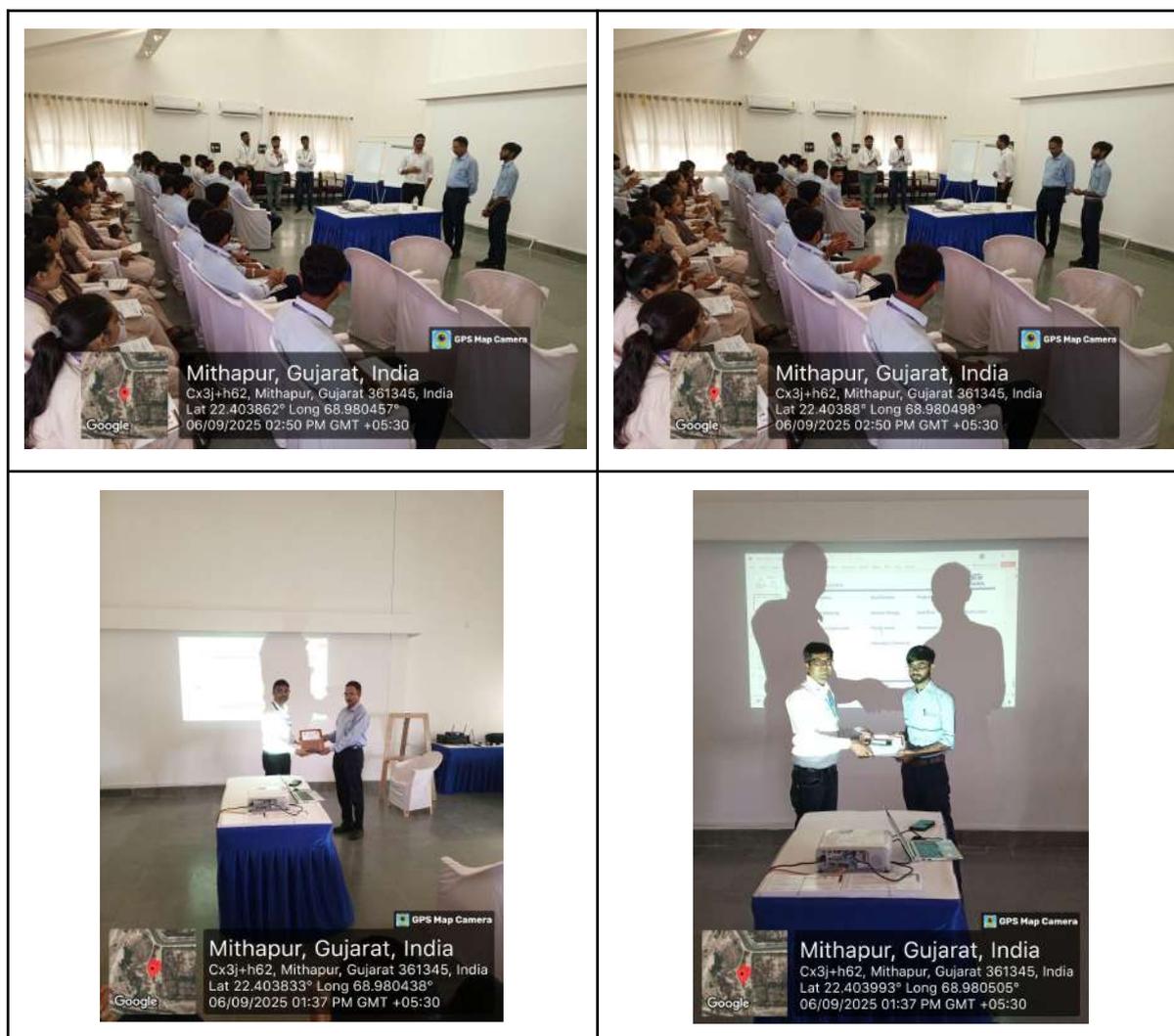
Mithapur, Gujarat, India
Cx3j+h62, Mithapur, Gujarat 361345, India
Lat 22.403922° Long 68.98047°
06/09/2025 01:02 PM GMT +05:30

Insight of closing ceremony

Dr. Bhavin Dhaduk, Assistant Professor, Department of Chemical Sciences, Atmiya University, Rajkot, delivered the concluding remarks and extended a vote of thanks to Mr. Sanjeev Jain, AGM, and Mr. Bikhubhai, EMS Officer at Tata Chemicals for granting permission for the visit and delivering an insightful expert talk on environmental sustainability and conservation. He also highlighted the initiatives taken by Tata Chemicals to reduce pollution and implement effective waste discharge policies. On behalf of Atmiya University and the Department of Chemical Sciences, a memento was presented to Mr. Sanjeev Jain and Mr. Bikhubhai as a token of gratitude.

A total of 43 participants received certificates for their poster presentations, while 12 participants were awarded ranker certificates for their outstanding work. The certificates were given by Mr. Sanjeev Jain, Mr. Bhikubhai, and the faculty members.

After the concluding session, a final group photo was taken at Training Centre with Mr. Rajeev Jain, Mr. Bhikubhai, and the faculty members to mark the conclusion of the program.







Visit to Tata Chemicals Plant

Participants and faculty members visited different units of the plant, such as the soda ash plant, bromine plant, caustic soda plant, cement plant, magnesium based product unit and raw material storage areas and handling facilities. The visit was guided by safety officers, following all company rules and safety measures. After the concluding session, a final group photo was taken at the company gate with Mr. Rajeev Jain, Mr. Bhikhubhai, and the faculty members to mark the conclusion of the program.





TATA CHEMICALS LIMITED

One day workshop

"Sustainable Chemistry: Integrated Workshop on Production, Quality Testing, and Effluent Treatment"

Jointly organized by:

Department of Chemical Sciences, Faculty of Science, Atriya University, Rajkot

&

Tata Chemical Ltd, Mithapur, Gujarat

Date : 06/09/2025 & Time : 09:00 am to 5:00 pm

Attendance Sheet

Sr. No	Name of Participant	Enrollment No	Signature
1	Kamrani Umang J	240721020	K.U.J
2	Madhana Jadhav V.	240721027	Madhana
3	Vaghani Umang L.	240721029	Umang
4	Gehrigar Veerik H.	240721022	Veerik
5	Bhargaviya Himanshu H.	240721003	Himanshu
6	Joshi Ishakumar B.	240721017	Ishak
7	Joshi Riddhi D.	240721018	Riddhi
8	Harvada Aravind D.	240721015	Aravind
9	Tilcary Nancy R.	240721037	Nancy
10	Bhatkela Ritam V.	240721002	Ritam
11	Ankit Kumar. A.A	240721001	Ankit
12	Haladiya Keerav	240721014	Keerav
13	Karpadiya Smit	240721022	Smit
14	Singh KAVUL R.	240721034	KAVUL
15	Saxiya Bansi D.	240721036	Bansi
16	Malani Rudrakshi V	240721025	Rudrakshi
17	Solanki Navit J	240721035	Navit
18	Kadavey Abhay M	240721024	Abhay
19	Uleniya Tejas M.	240721038	Tejas
20	Ruthna Bhaginathsinh D	240721030	Ruthna
21	Singhani Manvi B	240721032	Manvi
22	Rajpuro Anjali	240721029	Anjali
23	Kamrani Urvisha	240721021	Urvisha
24	Sanghani Kanishka	240721031	Kanishka
25	Shelvisiya Mani	240721033	Mani
26	Chondaliya Shirum	240721013	Shirum



TATA CHEMICALS LIMITED

27	Zankat Dareshbhai B.	240721043	
28	Bhusa Peience	240721004	
29	Cholani Kevad	240721010	
30	Jadega Arjinderaj A	240721016	
31	Gonil Jayveersinh R	240721012	
32	Mansudiya Vedant G	240721026	
33	Timbadiya Dharmik	240721007	
34	Vishwak Sahin M.	240722040	
35	Kachal Sufal A.	240721019	
36	Firda mehtoree	240721009	
37	Paajapati Nirav	240721028	
38	Chopda BhumiK	240722002	
39	Chopda Dharmik	240722003	
40	Jadega Raviraj	240722004	
41	Apari Haradik	240722001	
42	Moni sagar	240722006	
43	Kathiriyga Meet	240722005	
44	Viramgama Meet	240722007	
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			

Name & Signature of Coordinators		HOD
Dr. Bhavin B. Dhaduk	Dr. Anilkumar S. Patel	

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University,
Rajkot.