

Activity Report



***Poster Presentation Event on
“Sustainable Industrial Practices Through Green
Chemistry Innovation”***

**Jointly Organised by
Department of Chemical Science
Faculty of Science,
ATMIYA University, Rajkot**

&

**Tata Chemicals Limited
Mithapur, Gujarat**

on

03 September, 2025 – Wednesday

For the students of

**B.Sc. and M.Sc. Chemistry and Industrial Chemistry
ATMIYA University, Rajkot**

Activity Report

Title of Activity	Poster Presentation Event on “Sustainable Industrial Practices Through Green Chemistry Innovation”
Themes	Theme1: Green chemistry approaches in modern synthesis Theme 2: From salt to sustainability Theme 3: Nanochemistry / Flow chemistry : Current trends
Activity Schedule	03 September, 2025 - Tuesday, 10:00 am to 12:30 pm
Venue	Square Plaza, Science Building, ATMIYA University
Resource person / Judge	i) Divyesh Savera, General Manager ii) Rahul Gharadiya, Export Exe, Foreign Trade Shufalam Crop Science, Malay Enterprise, Rajkot.
Activity Coordinator	Dr. M. M. Savant and Dr. Sanjay Hadiyal
Total No. of Participants	49
Details of Participants	UG and PG Students of Chemistry & Industrial Chemistry.

Outcomes of the Activity:

- The Poster Presentation on “*Sustainable Industrial Practices Through Green Chemistry Innovation*” enhanced students’ awareness of eco-friendly industrial approaches, sustainable process and green chemistry principles.
- It developed their scientific communication, creativity, and research orientation while fostering teamwork, critical thinking, and confidence in presenting innovative ideas, thereby preparing them for future academic and industrial challenges.

Activity Report

Brochure/ Notice



Poster Presentation Event on
“Sustainable Industrial Practices Through Green Chemistry Innovation”

Jointly Organized by
Department of Chemical Sciences, Atmiya University, Rajkot
&
Tata Chemicals Limited, Mithapur

Date: 03/09/2025, Wednesday
Venue: Square Plaza, Ground Floor, Science building

About the Workshop

This collaborative workshop aims to bridge academia and industry by showcasing sustainable practices in chemical industries, specifically salt manufacturing, quality testing, and effluent treatment processes. Participants will gain hands-on exposure to pilot-scale demonstrations, and sustainability models adopted by Tata Chemicals, Mithapur.

Key Highlights

- Insights into large-scale salt production processes.
- Hands-on demonstrations of advanced quality testing instruments.
- Effluent Treatment Plant (ETP) visit for real-time sustainability practices.
- Interaction with industry experts on process optimization, waste minimization & green chemistry practices.

Contact Information

Dr. Mahesh M. Savant / Dr. Sanjay. D. Hadiyal
Department of Chemical Sciences, Faculty of Science, Atmiya University,
Rajkot-360005





Under the aegis of Atmiya University, the Department of Chemical Sciences, in collaboration with Tata Chemicals Ltd., Mithapur, is organizing a workshop on *"Sustainable Chemistry: Integrated Workshop on Production, Quality Testing, and Effluent Treatment at Tata Chemicals – Mithapur"* on 6th September 2025 at Mithapur.

As part of this event, a **Poster Presentation Competition** will be conducted for postgraduate scholars at **Square Plaza, Ground Floor, Science Building**.

Poster Presentation themes:

Theme 1:	Green chemistry approaches in modern synthesis
Theme 2:	From salt to sustainability
Theme 3:	Nanochemistry / Flow chemistry : Current trends

Rules & Regulations for Poster Presentation

1. Posters should be prepared 3.0 ft width x 4.0 ft length size, with portrait orientation preferred.
2. Each poster must include the following sections: Title, Authors, Affiliation, Introduction, Methodology/Process, Analysis, Results/Applications, Conclusion, Acknowledgment, and References (if any).
3. The content should reflect original work, a literature review, or a case-based industrial study.
4. During the presentation, each participant or group will be allotted 5–7 minutes to provide an oral explanation of their poster.
5. Posters may be presented individually or in teams, with a maximum of 2–3 students per team.



Invitation Letter of Judges:

 <p>ATMIYA UNIVERSITY Established under the Gujarat Private University Act II, 2018 Yogidham Gurukul, Kalwadi Road, Rajkot - 360005, Gujarat (INDIA)</p>	 <p>ATMIYA UNIVERSITY Established under the Gujarat Private University Act II, 2018 Yogidham Gurukul, Kalwadi Road, Rajkot - 360005, Gujarat (INDIA)</p>
<p>To, Rahul Gharadiya Export Executive, Foreign trade, Shufalam Crop Science, Malay enterprise, Paddhari, Rajkot-360110-Gujarat.</p> <p>Respected Sir,</p> <p>Greetings from Atmiya University!</p> <p>We are pleased to inform you that Department of Chemical Sciences, Chemistry is organizing a Poster Presentation Competition on 3/9/2025 at University, as part of workshop on "Sustainable Industrial Practices through Green Chemistry Innovation" jointly organised by Tata Chemicals Ltd, Mithapur & Atmiya University, Rajkot.</p> <p>The objective of this competition is to encourage participants to showcase their knowledge, creativity, and research skills through visual presentations. To ensure fair evaluation and to inspire participants with valuable feedback, we are inviting eminent personalities and subject experts to serve as judges for this event.</p> <p>It would be our honour to have you as a Judge for the Poster Presentation Competition. Your expertise in field will greatly enrich the evaluation process and motivate the participants.</p> <p>Event Details: Date: 03/09/2025 Time: 10:00 AM onwards Venue: Square Plaza, Science Building, Atmiya University. SPOC person detail: Dr. Mahesh M. Savant, 9979600202</p> <p>We sincerely hope you will accept our invitation and grace the occasion with your presence. Kindly confirm your availability at your earliest convenience. Looking forward to your positive response.</p> <p>With warm regards, <i>Ravi S. Tank</i> Dean Faculty of Science Atmiya University, Rajkot</p> <p>+91 281 2563445 +91 281 2563952 admin@atmiyauni.ac.in www.atmiyauni.ac.in</p>	<p>To, Divyesh Savera General Manager, Shufalam Crop Science, Malay enterprise, Paddhari, Rajkot-360110-Gujarat.</p> <p>Respected Sir,</p> <p>Greetings from Atmiya University!</p> <p>We are pleased to inform you that Department of Chemical Sciences, Chemistry is organizing a Poster Presentation Competition on 3/9/2025 at University, as part of workshop on "Sustainable Industrial Practices through Green Chemistry Innovation" jointly organised by Tata Chemicals Ltd, Mithapur & Atmiya University, Rajkot.</p> <p>The objective of this competition is to encourage participants to showcase their knowledge, creativity, and research skills through visual presentations. To ensure fair evaluation and to inspire participants with valuable feedback, we are inviting eminent personalities and subject experts to serve as judges for this event.</p> <p>It would be our honour to have you as a Judge for the Poster Presentation Competition. Your expertise in field will greatly enrich the evaluation process and motivate the participants.</p> <p>Event Details: Date: 03/09/2025 Time: 10:00 AM onwards Venue: Square Plaza, Science Building, Atmiya University. SPOC person detail: Dr. Mahesh M. Savant, 9979600202</p> <p>We sincerely hope you will accept our invitation and grace the occasion with your presence. Kindly confirm your availability at your earliest convenience. Looking forward to your positive response.</p> <p>With warm regards, <i>Ravi S. Tank</i> Dean Faculty of Science Atmiya University, Rajkot</p> <p>+91 281 2563445 +91 281 2563952 admin@atmiyauni.ac.in www.atmiyauni.ac.in</p>

Sample certificate of Student's Participation :

Poster Presentation Event

Certificate
Of Participation



ATMIYA UNIVERSITY
Rajkot, Gujarat - INDIA



NAAC ACCREDITED



TATA CHEMICALS LIMITED

"Sustainable Industrial Practices Through Green Chemistry Innovation"

Jointly Organized by
Department of Chemical Sciences, Atmiya University, Rajkot
& Tata Chemicals Limited, Mithapur

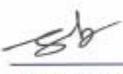
This is to certify that
Mr./Ms./M^r. Dabariya Rey Jayantibhai has successfully presented a poster titled
Green Chem. Approches in salt production at the Poster Presentation Event on "Sustainable Industrial Practices Through Green Chemistry Innovation" held on 3rd September 2025. We sincerely appreciate the participant's valuable contribution and commend their efforts in sharing knowledge and insights through this presentation.



Dr. Pankaj Kumar B. Nariya
Convener
Head, Department of Chemical Sciences,
Atmiya University, Rajkot



Mr. Ravi S. Tank
Director-CTQM
Atmiya University,
Rajkot



Mr. Sanjeev Jain
Assistant General manager
Environment Management System,
Tata Chemicals Ltd - Mithapur



List of Participants / Attendance Sheet :



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act No. 2018)

Yojitkham Gursikal, Kolwad Road, Rajkot - 360005, Gujarat (INDIA)

"Sustainable Industrial Practices Through Green Chemistry Innovation"

Jointly Organized by

Department of Chemical Sciences, Atmiya University, Rajkot

&

Tata Chemicals Limited, Mithapur

Poster Presentation Event

Poster No.	Name of Students	Title of poster
1	Soniya Bansi D. Malani Rudnakshi V. Rajpara Anjali J.	Sustainable pathways for DHPM synthesis : A Green Chemistry Perspective.
2	Halvadiya Karan B. Basa Prince S. Kanani Umang J.	Salt to Sustainability.
3	Raj Debariya J. Bhagirathsinh D Rathod Yash V Markam	Green chemistry approaches in salt production
4	Dhamsaniya Abhy Ghelani keval Pratapati Nirav	Nanochemistry and flow chemistry : current trends in sustainable innovation.
5	ZANKAT DAXESH B. VAISHNAV SAHIL M. GONDALIYA SHIVAM H.	IONIC LIQUIDS :- Eco-friendly Alternative for chemical processes
6	Ghptiya Vaipik H. Kapadiya Smit L. Sisra keval R.	GREEN CHEMISTRY PRINCIPLES APPLIED TO MODERN PHARMACEUTICAL PROCESSES.
7	Ujaniya Tejas M. Jednera Abhay M. Ganatra Keeravi M.	Salt to Sustainability



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8	Sanghani Kaishna D. Sanghani namshi B. Kamari Urkisha A.	Photo redox catalysis : Light-driven green synthetic transformation.
9	Maitree U. Fuda Riddhi D. Joshi Tsha B. Jani	Sustainability Assessment of Traditional Solay salt
10	Bhalala Radham V. Harshdy Aravshi D. Tilakra Nemoy . R	Future trends: Flow Assisted salt production.
11	Juleja Anjumraj A. Gohil Jayveersinh . B. Kachar Sujal . A.	From salt to sustainability
12	Salanki Nasit J. Bhangadiya kimmresh H. Sherasiya Mani T.	Green chemistry approaches in modern synthesis
13	Dharmik Timbadiya vedant Maradiya Sahil Vaghela	Green approaches in modern synthesis
14	Aniyaliya . Anilkumar A YADAV . MIT . M Vaghani Umang Kumar . I	Flow chemistry : the game changer for on- demand pharmaceutical Manufacturing.
15	① Adityanath Pandey ② Maheshvz Badi ③ Vaibhav Bada ④ Rerish Jada ⑤ Disha Bhandari	Green Chemistry approaches in Modern Synthesis
16		
17	Chopda Bhumi K N. Chopda Dharmik B.	Green chemistry approaches in modern synthesis



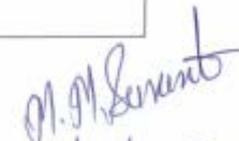
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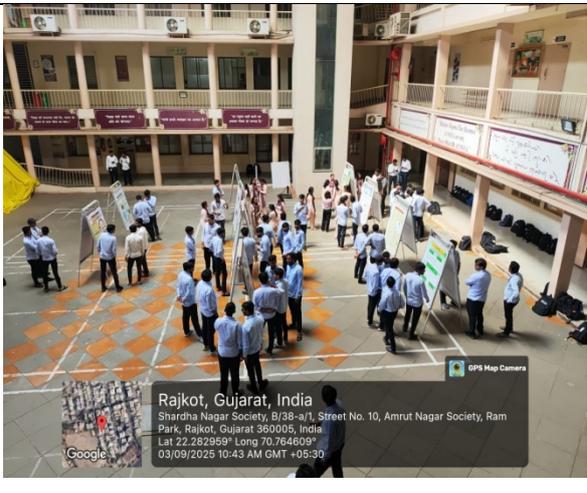
	Virangama Meet n.	
18	Mori Sagatbhai Alani Hardik	Nanotechnology
2nd 19	Kathinira Meet Judeja Ravinash	Green Chemistry : Catalyzing a sustainable Revolution in modern Synthesis
20		
21		


Dr. Sanjay Hadiyal


Dr. Mahesh Serrani
Coordinator.


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

Photographs of the Event:



**Dr. M. M. Savant
(Event Coordinator)**

**Dr. P. B. Nariya
(Head of the Department)**