

Activity Report



Activity Report
One Day
State Level Industry – Academic Workshop
On
“GLOBAL TRENDS AND INNOVATIONS IN THE
SUGAR INDUSTRY”

Organised by
Department of Chemical Sciences,
Program: Industrial Chemistry
Atmiya University, Rajkot

on: 1st February, 2025- Saturday
for the students of
B.Sc. Industrial Chemistry (Sem-VI) &
M.Sc. Industrial Chemistry (Sem-IV)
ATMIYA University, Rajkot

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One Day
State Level Industry – Academic Workshop
On

**“GLOBAL TRENDS AND
INNOVATIONS IN THE SUGAR
INDUSTRY”**

Schedule
01st February, 2025

Venue
Shree Renuka Sugars Ltd.
Village: Bharapar, Taluka: Gandhidham, Dis.: Kutch

UN Sustainable Development Goals

4 QUALITY EDUCATION 	7 AFFORDABLE AND CLEAN ENERGY 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 	13 CLIMATE ACTION 	15 LIFE ON LAND 
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Jointly Organized
By

SHREE RENUKA SUGARS
A Wilmar Group company


ATMIYA UNIVERSITY
॥ सुहृदं सर्वभूतानाम् ॥

Department of Chemical Sciences
Program: Industrial Chemistry

Activity Report

Title of Activity	One Day State Level Industry – Academic Workshop On “GLOBAL TRENDS AND INNOVATIONS IN THE SUGAR INDUSTRY”
Activity Schedule	1st February, 2025- Saturday
Venue	Shree Renuka Sugars Ltd. Village: Bharapar, Taluka: Gandhidham, Dis.: Kutch
Resource Persons	Mr. Mahantesh Mugali, Mr. Sureshbhai Shrinivasan,
Activity Coordinator	Dr. Prashant S. Gajera
Total No. of Participants	22
Details of Participants	Students of B.Sc. Industrial Chemistry (Sem-VI) & M.Sc. Industrial Chemistry (Sem-IV)

Event Details:

The State Level Industry-Academic Workshop on "Global Trends and Innovations in the Sugar Industry" was a significant event that brought together experts from academia and the sugar industry to discuss advancements, challenges, and future trends. Organized jointly by Atmiya University, Rajkot, and Shree Renuka Sugars Ltd., Bharapar, Gandhidham, Kutch, this one-day state level workshop aimed to bridge the gap between academic research and industrial applications. Dr. Prashant Gajera, an Asst. Prof. in the Department of Chemical Sciences, Industrial Chemistry Program at Atmiya University, Rajkot, was served as the Coordinator of this insightful event. Held on February 1, 2025, at Shree Renuka Sugars Ltd., the workshop served as a platform for exchanging knowledge on modern sugar processing techniques, sustainability, and bioenergy production. The event provided an opportunity for students, researchers, and industry professionals to engage

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in meaningful discussions about the impact of emerging technologies on sugar production efficiency. Topics covered included automation in sugar mills, ethanol production, environmental sustainability, and global market trends. Various speakers highlighted the significance of integrating digital transformation and artificial intelligence in sugar production to enhance efficiency and reduce waste. The discussions also focused on bioethanol as a renewable energy source, emphasizing its role in reducing carbon emissions and enhancing energy security. Experts elaborated on how bioenergy from sugarcane waste could contribute to sustainable energy solutions. Collaborative efforts between industry and academia were identified as a key factor in driving future advancements. Attendees (22 Students of Industrial Chemistry), Program were encouraged to explore research opportunities in fermentation technology, biomass utilization, and alternative sugar production methods. The workshop also shed light on policy frameworks and government initiatives supporting the sugar industry in India. Participants also engaged in interactive sessions, exchanging ideas on addressing challenges such as fluctuating sugar prices and raw material availability. The event fostered a networking environment, enabling professionals and students to connect with leading experts in the sugar sector. Shree Renuka Sugars Ltd., one of India's leading sugar manufacturers, provided insights into its sustainable business practices and corporate responsibility initiatives. Er. Ravi Tank, Director (CTQM & Scheduled-, Environment Auditor, GPCB), Atmiya University, Rajkot, acknowledged the contributions of all participants and emphasized the importance of such knowledge-sharing platforms. Mr. Mahantesh Mugaliji, expressed appreciation for the university's efforts in organizing the event and reinforcing industry-academic partnerships. By fostering discussions on sustainability, technology, and industry best practices, the event contributed to shaping a more innovative and environmentally responsible sugar sector.

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Photo



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Attendance

ATMIYA UNIVERSITY, RAJKOT
Faculty of Science
Department of Chemical Sciences
Program: Industrial Chemistry
M.Sc. Industrial Chemistry (Sem.-IV) & B.Sc. Industrial Chemistry (Sem.-VI)

One Day State Level Academic Workshop

At
Shree Renuka Sugars Ltd.
Date: 01.02.2025 (Saturday)
No of Beneficiary: 22, Coordinator: - Dr. Prashant Gajera

STUDENTS ATTENDANCE SHEET

S.N.	Name of Student	Semester	Sign
1.	Aghera Dixit Jagdishbhai	IV	
2.	Akbari Priyank Nitesh	IV	
3.	Amrutiya Jay Sanjaybhai	IV	
4.	Bhensdadiya Priyank Jagdishbhai	IV	
5.	Dasadiya Harsh Prafulbhai	IV	
6.	Joshi Deepkumar Pareshbhai	IV	
7.	Kasundra Pratik Bharatbhai	IV	
8.	Kesur Kumar Nagjibhai	IV	
9.	Khunt Raj Pravinbhai	IV	
10.	Kihor Keval Harshadbhai	IV	
11.	Mendapara Savan Shaileshbhai	IV	
12.	Pansuriya Akshar Jagadishbhai	IV	
13.	Parmar Nimesh Narshibhai	IV	
14.	Rafaliya Mit Bharatbhai	IV	
15.	Ravaliya Ketan	IV	
16.	Sarvaliya Satinbhai Dipakbhai	IV	
17.	Sinojeeva Dhaval Manajeebhai	IV	
18.	Undhad Jaydeep Kamleshbhai	IV	
19.	Vekariya Aum Dilipbhai	IV	
20.	Vekariya Parth Babubhai	IV	
21.	Kalola Alap Kumar Rasikbhai	VI	
22.	Marakna Yash Nileshbhai	VI	

Dr. Prashant S. Gajera
Coordinator

Program: Industrial Chemistry
Head of Department
Department of Chemical Sciences
Atmiya University, Rajkot