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**SCHOOL OF SCIENCE
DEPARTMENT OF CHEMISTRY**

Event Activity Report - “Industrial Visit to Catapharma Pvt. Ltd., Sinnar”

Academic Year: 2025–26

College Name: School of Science, Nashik

Department: Department of Chemistry

Event Date: 11.10.2025

Duration: 1 Day

Location: Catapharma Pvt. Ltd., Sinnar, Nashik

Participants: MSc and BSc Students from the Department of Chemistry

Event Coordinator:

1. Ms. Akansha Raut , Assistant professor
2. Dr.Leena Patil, Assistant professor

Introduction

The Department of Chemistry organized an industrial visit to *Catapharma Pvt. Ltd.*, located in Sinnar, Nashik, on 11th October 2025. The visit was designed to provide undergraduate and postgraduate students with practical exposure to chemical manufacturing operations, emphasizing the integration of theoretical knowledge with real-world industrial practices. Catapharma Pvt. Ltd. is a well-established chemical production unit engaged in the synthesis of fine and specialty chemicals, catering to both domestic and international markets

Objective

The primary objectives of the visit were to:

1. Understand the large-scale production processes employed in chemical industries.
2. Observe various stages of chemical synthesis, purification, and quality control.
3. Familiarize students with industrial safety protocols and waste management systems.
4. Enhance awareness of the role of chemists in industrial research, production, and quality assurance.

5. Bridge the gap between academic learning and industrial applications of chemical principles.

Activities Conducted

During the industrial visit, students participated in a structured and guided tour of the production and analytical units. The major activities included:

- **Introduction to Catapharma Pvt. Ltd.:**

A detailed presentation was given on the company's background, product portfolio, and its significance in the chemical manufacturing sector.

- **Observation of Production Process:**

Students witnessed the synthesis of intermediates and fine chemicals, including the use of reactors, distillation units, and filtration systems.

- **Quality Control and Analytical Section:**

A demonstration of quality testing methods such as chromatography, titrimetric analysis, and spectroscopic evaluations was provided.

- **Safety and Environmental Practices:**

The industrial experts briefed students on the safety standards, handling of hazardous chemicals, and effluent treatment systems implemented within the facility.

Interaction with Industry Professionals:

An interactive session was held where students discussed topics such as process optimization, regulatory compliance, and career opportunities in chemical industries

Impact and Response

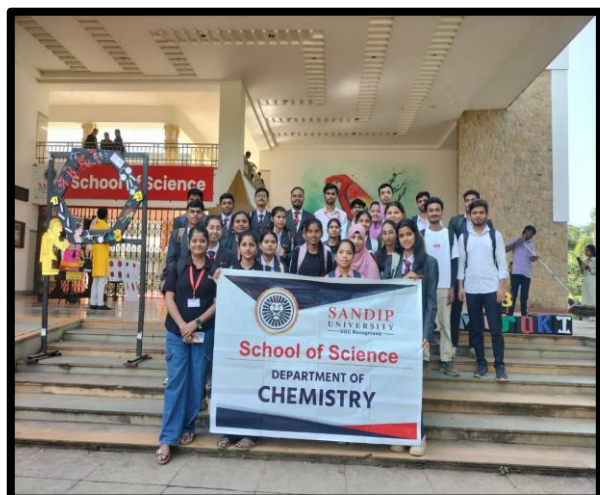
The visit significantly enriched the students' practical understanding of industrial chemistry. It allowed them to correlate academic concepts with real-time operations in chemical synthesis, purification, and quality evaluation. The exposure to industrial-scale equipment and operations enhanced their comprehension of production efficiency, safety management, and environmental sustainability in the chemical sector.

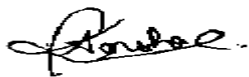
Conclusion

The industrial visit to *Catapharma Pvt. Ltd.*, Sinnar, proved to be a highly informative and educative experience for both B.Sc. and M.Sc. students. It successfully connected theoretical learning with industrial practice, fostering a deeper appreciation of applied chemistry. The event also served to inspire students towards pursuing careers in chemical manufacturing, research, and industrial quality control.

Acknowledgment

The Department of Chemistry extends heartfelt gratitude to *Catapharma Pvt. Ltd.* for their cooperation and hospitality during the visit. Sincere thanks are also due to *Sandip University, Nashik*, and the faculty members for organizing this educational experience. Appreciation is extended to all student participants for their enthusiasm and active involvement throughout the program

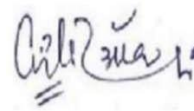




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