

Study Tour Report

Session 2025-26

Bhawabhuti Mahavidyalaya, Amgaon

Department of Chemistry

Place of Visit: - Central Institute of Petrochemical Engineering & Technology (CIPET) Raipur & Naya Raipur (Muktangan Garden)

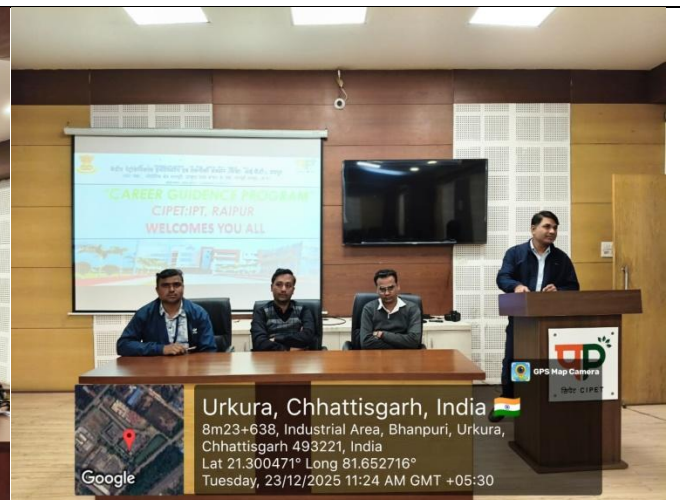
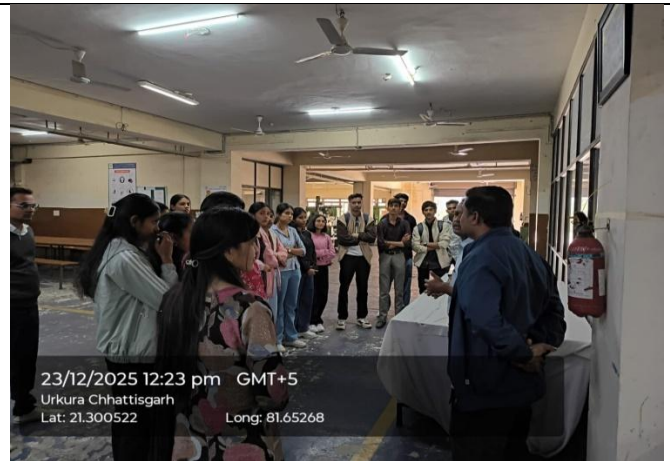
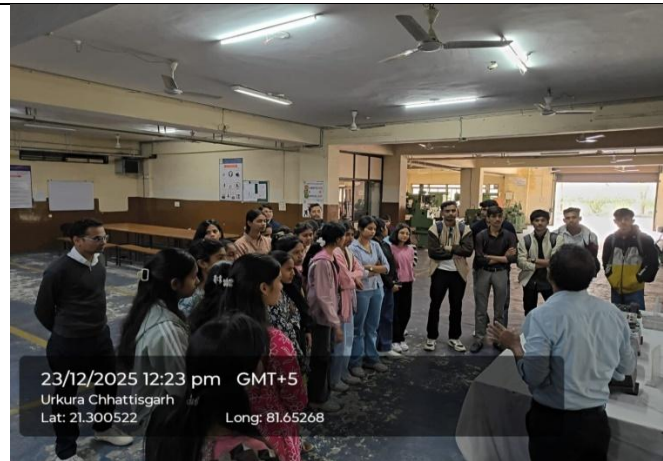
Date:- 23/12/2025 to 24/12/2025

Target Group:- B.Sc. I & II year (Chemistry)

Number of Students Participate: - 29

As per the Curriculum of RTMNU Nagpur University. Students of B.Sc. I & II (Chemistry) were visited Central Institute of Petrochemical Engineering & Technology (CIPET) Raipur & Naya Raipur Muktangan Garden for study tour. Total 29 Students were participated Along With 04 teachers and 01 Lab. Attendant. Students were observed various department in CIPET specifically our focus is plastic and polymer manufacturing and processing department. Also viewed high precision machinery including CNC milling, testing and quality control lab. In Muktangan garden also observe a glimpse into the Chhattisgarh culture through its display of the habitat, artifacts, art, folk dances, and food habits of the state's tribal communities.





Objectives

1. The visit to CIPET Raipur provided invaluable exposure to the petrochemical life cycle from design to end product testing.
2. To enhance students' practical knowledge of carrier in plastic engineering.

Details of the Visit

Plastic & Polymer Engineering Observations:

- Raw material observation like thermoplastic melting temperature density and flow properties.
- Mechanical properties and thermal properties of heat resistance, DSC/TGA analysis result.
- Chemical resistance with acid, bases and solvent as well as corrosion resistance.

Conclusion

The study tour to Central Institute of Petrochemical Engineering & Technology (CIPET) Raipur & Naya Raipur (Muktangan Garden) on December 23 & 24, 2025, was a successful educational endeavor. It provided B.Sc. Chemistry students with valuable field exposure, bridging theoretical knowledge with practical applications. The tour reinforced the importance of carrier in plastic engineering.

Acknowledgments

The Department of Chemistry expresses gratitude to the management of Bhawabhuti Mahavidyalaya, Amgaon, for their support in organizing the tour. Special thanks to the Principal Dr. P. K. Rahangdale and faculty members, Mrs. M. G. Bawanthade, Dr. V. T. Rathod, Mr. O. L. Patle, Mr. P.V. Bankar, for their guidance, and to the students for their active participation.

Certificate of CIPET Raipur.

