

## INDUSTRIES VISITED IN THE PAST

GIPCL Nani Naroli (Power)  
Reliance Industries, Hazira (Petrochemicals)  
Larsen & Toubro, Hazira (Equipment Fabrication)  
ONGC, Ankaleshwar (Oil and Gas)  
Lupin, Ankaleshwar (Pharmaceuticals)  
Sun Pharma, Panoli (Pharmaceuticals)  
GNFC, Bharuch (Fertilizer)  
Nirma, Bhavnagar (Inorganic Chemicals)  
Tata Chemicals, Mithapur (Inorganic Chemicals)  
BEIL Ankaleshwar (Industrial Waste Management)  
BASF, Ankaleshwar (Specialties)  
Reliance Refinery, Jamnagar (Oil Refinery)  
UPL Ltd, Jagadia (Agrochemicals)  
Atul Industries, Valsad, Gujrat(Dyes and pigments)  
Zydus, Ankaleshwar (Pharmaceuticals)  
JB unique chemicals (Pharmaceuticals)  
Birla copper, Dahej (Copper supplier)  
Alkyl Amines, Dahej  
Reliance Industries, Dahej (Petrochemicals)



**PROFESSOR IN CHARGE (PIC)**  
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The ambit of this course is to give 30 students an overview of about fifteen selected chemical and allied industries. It gives students a holistic rounding off to their technical development. It may also motivate our students to pursue the core chemical engineering profession and opt to make a career in core companies. The course now runs as regular credit course every year in the month of December.

Typically, they visit plants, and are taken on a guided tour of the facilities and given an overview of your company, products and the processes deployed, by the plant personnel. Highlights of the challenges faced, and enhancements made over the years are of special interest to the students. They also get opportunity to interact with senior managers and learn from their professional journey. Faculty members travel with them throughout the tour to provide the necessary academic perspective. Lectures and examinations are held while on the tour.

The last 6 version of the course have run successfully and students' response has been overwhelming. It is for the very reason that the institute has decided to continue conducting this course in future.

## FEEDBACK

### Course on Wheels – A Transformative Journey

"Course on Wheels" was more than a journey; it deepened our understanding of chemical engineering and provided valuable insights into the corporate world. Managing 30 students taught me leadership, patience, and balance. I highly recommend this experience to every aspiring chemical engineer—it's a journey that changes your perspective on both engineering and life. Course on Wheels – A must for every chemical engineer!

~Shubham (TA for CoW 6.0)



"Course on Wheels 6.0" offered a valuable opportunity to connect classroom learning with real-world chemical industry operations. Visiting various plants and interacting with experts like Prof. Sanjay Mahajani and Prof. Rahul Nabar provided practical insights, making complex topics easier to understand. The blend of theory and practice, along with daily assignments, enhanced the learning experience, offering a comprehensive view of industry applications.

~Uday Raj, 2nd Year M.Tech Student, Chemical Engineering

"Course on Wheels" was an unforgettable adventure, from living at Ghorbander hotel to witnessing the world's largest refinery and molten copper being shaped into coils. It felt like a real-life episode of How It's Made. This course not only offers a break from Instagram but also a chance to reset your sleep schedule. Networking was a highlight—meeting top industry leaders and even an 80-year-old entrepreneur. The fun Gujarati treats added to the experience. Whether you end up loving the chemical industry or not, CoW gives you 100% clarity on your career path. Thank you!

~Tejas Lokhande, 4th Year UG Student, Chemical Engineering

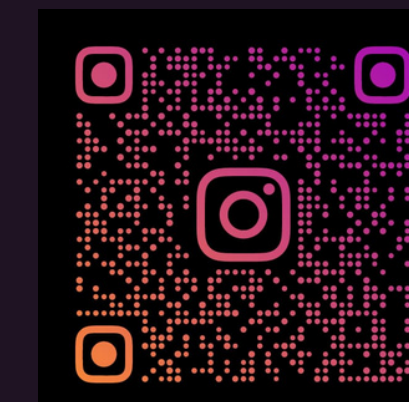


The "Course on Wheels" was a total game-changer. In just four weeks, I gained hands-on Chemical Engineering experience, analyzing real operations and learning through peer discussions. The sense of community and guidance from industry pros helped me figure out my career path. If you're seeking real-world exposure and personal, this course is an opportunity you can't miss. It was a pivotal moment in my journey.

~Manas Agarwal, 4th Year UG Student, Chemical Engineering

## CONTACT US

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FUNDRAISING  
FOR



# Course on Wheels

Overview of Indian Chemical Industry

DEPARTMENT OF CHEMICAL ENGINEERING  
IIT BOMBAY







## OBJECTIVE

This course is an initiative by IITB to provide students with a broad exposure to chemical manufacturing facilities and business and to help them bridge the gap between classroom learning and real industrial applications.

## FEATURES

- A 23-day tour visiting all important sectors of the chemical industry, including oil and Gas, refinery, fertilisers, agrochemicals, Pharma, equipment fabrication, power plants etc.
- The total journey of about 2000 km in a hired bus throughout the State of Gujarat- the Chemical hub of India.
- Faculty members travel with the students; Exams and lectures are conducted during the tour.
- It is an academic credit course and partially the expenses are borne by the Institute.
- Plot ran two times over the last two years in the month of December with extremely enthusiastic response from the students.

- Around 30 participants including faculty, teaching assistants and students-mostly undergraduates.
- A typical visit consists of a briefing on the technocommercial aspect of the business followed by visits to the respective manufacturing facility.
- Exposure to three major aspects: processes, products and services.
- Seminars and group discussions are arranged on the free days
- Debriefing and briefing sessions in the evenings
- The picture diary of this course can be viewed on:



## BUDGET

Rs.13  
Lakh

Total budget includes cost of accommodation travel and other expenses

Rs.3  
Lakh

Contribution  
from students

Rs.6  
Lakh

Contribution  
from the institute

Rs.4  
Lakh

Fundraising

## AN APPEAL

*We are looking for the support to the tune of Rs.4 lakhs.*

The support will be acknowledged in the course notes, course diary, and course banners. Suggestions are welcome.

