

Industrial Visit
at
Bombay Repowering Works
&
Maruti Auto Alignment
at
Bardoli
On
March 15, 2024

Details of the Visit

Company Names	Bombay Repowering Works, Amidhara Estate, Bardoli – Navsari Road, Bardoli, and Maruti Auto Alignment, Bardoli – Palsana Highway, Bardoli.	
Date of Visit	March 15, 2024	
Total Visitors	12	
	Students	10
	Faculties	2
Target Audience	B. Tech. Automobile Engineering Semester 6 th Students	
Learning Aspect	Maintenance of Engine and Wheel alignment and balancing process	
Organized by	Automobile Engineering Department	
Faculty Coordinator	Mr. Darshan Kapadia (Head of Department and Assistant Professor, C G Patel Institute of Technology, Uka Tarsadia University)	
Contact Persons	Mr. Dakshay Rudani (Bombay Repowering Works), and Mr. Raj Patel (Maruti Auto Alignment)	

The visit was specially organized for the pre-final year Automobile Engineering Students who have selected Auto Scanning and Vehicle Testing as an elective subject. The visit was started at 1:00 PM from CGPIT, UTU - Maliba Campus and reached Bombay Repowering Works, Bardoli at 1:20 PM. Mr. Dakshay Rudani who is an alumnus of Automobile Engineering Department has explained the working principle of the various equipments used for the maintenance of engine like cylinder boring machine, cylinder honing machine, crankshaft alignment machine, and connecting rod balancing machine. He also explained the process like valve seat lapping, cylinder sleeving, and cylinder block surfacing.

The second company visited is Maruti Auto Alignment at Bardoli. Mr. Raj Patel has explained the working process of wheel balancing, wheel alignment, and wheel through. He also explained about correction methods of wheel balancing, and wheel alignment. It was knowledgeable & subject oriented industrial visit. The return journey was started at 03:00 PM and reached to CGPIT at 03:15 PM.

Glimpse of the Industrial Visit:



Bombay Repowering Works



At Maruti Wheel Alignment



At Bombay Repowering Works