



DEPARTMENT OF MECHANICAL ENGINEERING

Vision

Emerge as a globally recognized provider of Mechanical Engineering education and solutions

Mission

M1: Provide an environment for developing intellectual, emotional, physical and spiritual quotients that are essential to produce total quality engineers

M2: Establish a platform that fosters a culture of creativity, research, innovation and life-long learning

M3: Become a centre of excellence that creates technology leaders and entrepreneurs committed towards sustainable development of society.

Industrial visit

Industrial visits provide students with invaluable insights into real-world applications of their academic knowledge. By witnessing the practical workings of industries, students gain a deeper understanding of theoretical concepts, bridging the gap between classroom learning and practical execution. These visits also expose students to the latest technologies and industry trends, fostering adaptability and innovation. Additionally, interacting with professionals enhances students' communication skills and broadens their professional network, contributing significantly to their personal and professional growth.



Pune Heat



GPS Map Camera

Pimpri-Chinchwad, Maharashtra, India

W72, S Block, MIDC, Bhosari, Pimpri-Chinchwad, Maharashtra 411026, India

Lat 18.63171°

Long 73.838235°



Industrial Visit to Pune Heat: Learning and Insights

Learning objectives

- Understanding different types of heat metal forming processes
- Observing real-world applications of classroom theories
- Enhancing practical knowledge and skills

Student Engagement

- Interactive sessions with industry professionals
- Q&A sessions for deeper understanding
- Hands-on demonstrations of key processes




Industrial Visit to Pune Heat: Learning and Insights

Outcomes

- Improved comprehension of heat metal forming processes
- Enhanced interest in practical aspects of Mechanical Engineering
- Valuable insights into industrial applications and standards



 **GPS Map Camera**



Pimpri Chinchwad, Maharashtra, India
24/99, Sector 2 Indrayani Nagar, Bhosari, Pimpri Chinchwad,
Pimpri-Chinchwad, Maharashtra 411026, India
Lat 18.631782°



Diesel Loco Shed, Pune



GPS Map Camera

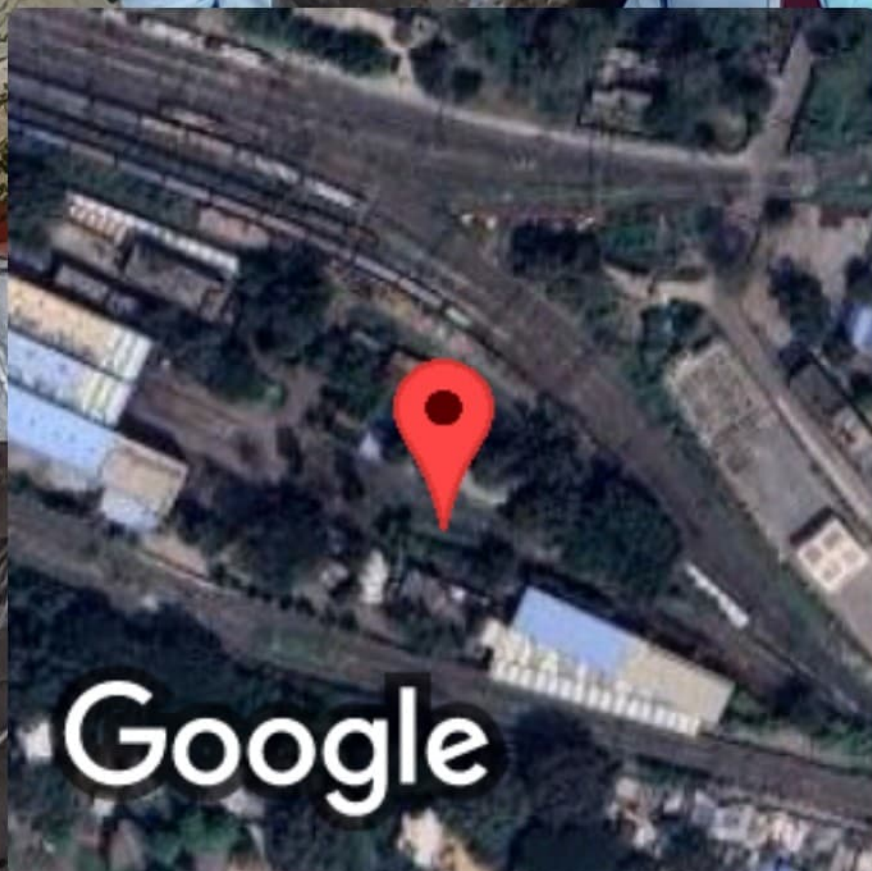
Pune, Maharashtra, India

GVHW+98H, Ghorpadi Rd, Iricen Railway Colony, Koregaon Park, Pune, Maharashtra 411001, India

Lat 18.528078°

Long 73.895849°

16/04/24 04:00 PM GMT +05:30



Google

Industrial Visit to Diesel Loco Shed

Objective

- To provide students with practical exposure to train engine mechanics.
- To enhance understanding of diesel engine operations.
- To bridge the gap between theoretical knowledge and real-world application.

About Diesel Loco Shed

- Diesel Loco Shed homes Diesel Electrical Locomotives of various types. The shed carries out preventive maintenance of locomotives by following various preventive maintenance schedules. All maintenance related data is preserved in shed for its health monitoring. Locomotives after turning out from shed carries out various train movements and after stipulated Kms. visits the shed again for checks and schedules.



Key Learning Outcomes

- Different types of train engines.
- Detailed understanding of diesel engine components.
- Insights into engine maintenance and troubleshooting.



Maruti Suzuki service Station

Objective

- To provide students with practical exposure to automotive servicing and maintenance.
- To enhance understanding of vehicle diagnostics and repair processes.
- To bridge the gap between theoretical knowledge and real-world application.

Key Learning Outcomes

- Insights into vehicle servicing procedures.
- Detailed understanding of diagnostic tools and techniques.
- Knowledge of automotive parts and their functions.



Understanding Automotive Parts

- Detailed explanation of key automotive parts (engine, transmission, brakes, etc.).
- Role of each part in vehicle performance.
- Common problems and maintenance tips for each part.

