

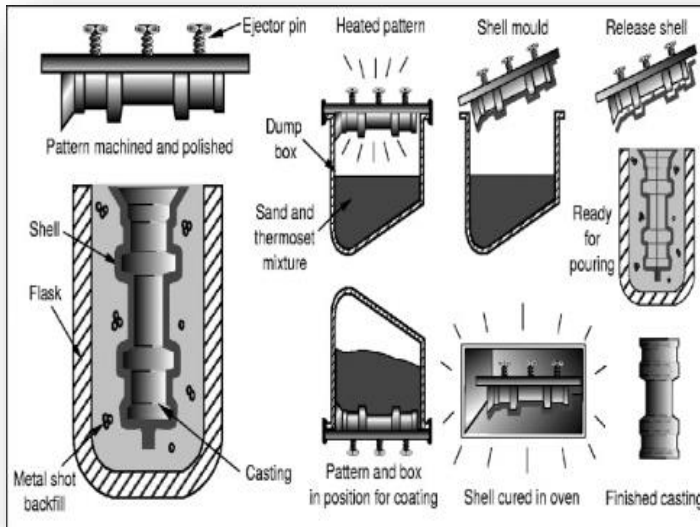
Department of Mechanical Engineering

Has Organised Visit to

Jadhav Casting, MIDC Ambad

Prakash Technoplast, MIDC Ambad

For First Year Students



Objective of Visit

Diploma Engineers requires the knowledge of core principles of manufacturing processes. The diploma technician should know, how the raw material gets processed through various processes & ultimately results into finished goods.

FYME 1 & 2: 04 February 2025 (10.00 am Onwards)

To observe, know the types of patterns/ moulds used in Industry.

To observe and know the various types of pattern allowances.

To observe, understand and know the various types of casting

To observe and know the Injection moulding process.

Visit Coordinator: Mr. S A Khan

Faculty Accompanied: Mr. V E Kothawade, Mr. A B Deore



Glimpses of Industrial Visits at Jadhav Casting and Prakash Technoplast, Ambad MIDC, Nashik during 04 February 2025, Organised by Department of Mechanical Engineering, MET's Institute of Technology-Polytechnic, Nashik for First Year Diploma Students of Mechanical Engineering.

Jadhav Casting





Prakash Technoplast





Beneficiaries: FYME1 & FYME 2 (93 Students)

Glimpses of an Industry Visit to Jadhav Casting and Prakash Technoplast:

Objectives:

The Department of Mechanical Engineering organized an industry visit to Jadhav Casting and Prakash Technoplast, Ambad MIDC, Nashik, on February 4, 2025, for first-year diploma students. The primary objectives of this visit were:

- [1] To provide students with hands-on experience and exposure to real-world manufacturing processes
- [2] To enhance their understanding of mechanical engineering principles and their applications in industry
- [3] To foster interactions between students and industry professionals, promoting knowledge sharing and networking opportunities

Company Overview:

Jadhav Casting and Prakash Technoplast are prominent manufacturers in the Ambad MIDC area, specializing in casting and plastic processing, respectively. These companies cater to various industries, including automotive, aerospace, and consumer goods.

Key Takeaways:

During the visit, students gained valuable insights into the following aspects:

[1] Manufacturing Processes:

Students observed and learned about various manufacturing processes, including casting, machining, and plastic injection molding.

[2] Quality Control Measures:

The companies demonstrated their quality control measures, emphasizing the importance of precision and attention to detail in manufacturing.

[3] Industry Applications:

Students saw firsthand how mechanical engineering principles are applied in real-world scenarios, enhancing their understanding of the subject matter.

[4] Safety Protocols:

The importance of safety protocols and personal protective equipment (PPE) in manufacturing environments was highlighted during the visit.

Conclusion:

The industry visit to Jadhav Casting and Prakash Technoplast was a valuable learning experience for the first-year diploma students of mechanical engineering. The visit achieved its objectives by providing students with practical knowledge, enhancing their understanding of mechanical engineering principles, and fostering interactions with industry professionals.

Visit Coordinator: Mr. S A Khan

Staff Accompanied: Mr. V E Kothawade, Mr. A B Deore,

Mr. S V Khaire, Mr. Mangesh Ahire