



Impact of MOU's 2024-25

Department of Mechanical Engineering

About the Department

The Department of Mechanical Engineering is in the forefront of promoting Industry Institute Interaction by organizing collaborative workshops, seminars, expert talks, field visits etc. It emphasizes on development of practical skills to make students employable and industry ready. The department has qualified & experienced faculty from core areas of Mechanical Engineering, i.e., Design, Thermal, Manufacturing, Automation & Industrial Engineering with average experience of more than 10 years. The Department is actively involved in consultancy, testing and training for industries and Government organizations. We also intend to tie up with local industries to set up centers of excellence to jointly promote research and development and other activities.

Vision

Our Vision:

To evolve as a Centre of Excellence in Mechanical Engineering with strong Industry Connect ensuring engineers with a global perspective and professional ethics, thus adding value to society.

Mission

Our Mission

- To ensure proficiency in academics with emphasis on fundamental concepts and problem solving leading to practical applications in the field of Mechanical Engineering.
- To provide state of the art Training in collaboration with reputed Industries and Institutions focusing on interdisciplinary domains.
- To engage in Research, Consultancy services and promote Community outreach Initiatives.
- To promote Faculty Development through Quality Improvement Programs and Research.

The Department of Mechanical Engineering has active Memorandum of Understanding (MoU) with the following reputed organizations:

Sr. no	Name of Organization/Institute	Date of Signing
1.	SANOFI HEALTHCARE INDIA PVT. LTD.	22 nd January 2019
2.	TURBOCAM INDIA PVT. LTD.	4 th October 2019
3.	ASTRA METAL SYSTEMS LTD.	15 th October 2019
4.	EUROSTAMPA India Pvt. Ltd.	31 st January 2024
5.	INSTITUTE OF MARITIME STUDIES (IMS)	21 st October 2024

The purpose of collaborating with reputed Industries is:

1. To recognize mutual interest in the field of research, training and development and dissemination of knowledge.
2. To recognize the importance of collaboration with industries within the field of expertise.
3. To foster industrial internship for engineer interns in order to get exposure in the industries which will be mutually beneficial for the students and the parties.
4. To provide a platform where experts from the corporate and students come under one roof.
5. To ensure professionals from industries and faculty from DBCE with relevant experience and expertise to share knowledge in relevant areas with changing technology.
6. To relate course curriculum with real life technological processes.
7. To develop research and innovation ability among budding engineers/interns.
8. To ensure entrepreneurship skills among willful engineers/ interns/ candidates.
9. To set a ground for long term institute and industry relationship for field visits, guest lecturers and skill development.

1. MoU with Sanofi Healthcare India Pvt. Ltd.

Impact of MOU for the Year 2024-25

Sl. No.	Particulars	Nos.
2	Talks	01
3	Field visits	01



- Mr. Prasad Adpaikar delivered a talk on “Maintenance Practices in Pharma Industry” on 15th April 2025 for TE(Mech.) students as part of the audit course in Maintenance Engineering
- A field visit was organized to the Sanofi R&D plant at Verna on 15th April 2025 for TE (Mech.) students. The visit was coordinated by Prof. Swapnil Ramani.

2. MoU with Turbocam India Pvt. Ltd.

Impact of MOU for the Year 2024-25

Sl. No.	Particulars	Nos.
1	Internships	02
2	Training programs	06
3	Talks	02
4	Field visit	01
5	Placements	03

➤ Training Programs

- A half-day training program on “Real Time Implementation of Industry 4.0/ Smart Manufacturing” was conducted at the Turbocam plant in Nessai on 7th May 2025.



- One day workshop on “Mastercam” was conducted by Mr. Jolan Dcosta, Product Development Engineer, Turbocam.



Field visit

- 3rd and Final year Mechanical Engineering (Honours – Smart Manufacturing) students visited Turbocam on 7th May 2025



Expert Talks

- Mr. Asher D’Costa and Mr. Royston Da Costa delivered a session on the application of “Robotics in the manufacturing sector” at the Turbocam plant on 7th May 2025
- Mr Ameya Shirodkar, Manager Quality Control delivered a talk on “ Application of Six Sigma Management in Manufacturing” at the Techtalks event on Engineers Day 2025



➤ CNC Centre

- The Department of Mechanical Engineering organized a half-day workshop on “Introduction to CNC” for the third-year Mechanical Engineering students of Government Polytechnic Panjim (GPP), Government Polytechnic Curchorem (GPC), Agnel Polytechnic, Verna and ISBT, Vasco.
- Coordinated by Mr. Sachin Turi and HOD Dr. Suraj Marathe, the visit included a tour of the CNC lab, hands-on training with Master CAM software for NC code generation, and demonstrations of machining on the Institute’s CNC milling and turning centers.



- Consultancy work on turning and milling was undertaken for Precitech Component, Honda .

3. MoU with EUROSTAMPA

Impact of MOU for the Year 2024-25

Sl. No.	Particulars	Nos.
1	Placements	12
2	Visits	01
3	Training	04
4	Scholarships	08

- 8 students were selected for Goa plant and 4 for USA plant.
- Four students placed in the company underwent training in the Eurostampa plant in USA and Italy.



- Eurostampa introduced a scholarship program of Rs. 40,000 per year for 10 students from the academic year 2024-25. (Mech. -4, Civil-, Computer-3)
- Fr. Ralin De Souza, Fr. Kinley D' Cruz, Dr. Neena Panandikar, Prof. Sachin Turi, Dr. Norman Dais and Ms. Avila Naik attended the Inauguration Ceremony of Eurostampa India at Verna Industrial Estate.



4. MoU with Astra Metals Pvt. Ltd.

Impact of MOU for the Year 2024-25

Sl. No.	Particulars	Nos.
1	Field visits	01

- Field visit was organized to the plant at Verna on 24th August 2024 for SE(Mech.) students.
- The visit was coordinated Dr. Chetan Gaonkar



4. MoU with Institute of Maritime Studies

Impact of MOU for the Year 2024-25

Sl. No.	Particulars	Nos.
1	Marine course enrolment	11
2	Field visits	01

- 11 students were selected for I year Marine course.
- Field visit was organized to IMS on 17th January 2025 for BE (Mech.) students.



- Mr. Shivram Kamat, Director has been nominated as Member of Department Advisory Board

Compiled By: Dr. Ajit Salunke,
Associate Professor.