

Impact of MOU's 2023-24

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 signed a 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.	GODREJ AND BOYCE MFG COM LTD.	15 th October 2019
4.	ASTRA METAL SYSTEMS LTD.	15 th October 2019
5.	EUROSTAMPA India Pvt. Ltd.	31 st January 2024
6.	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 2023-24

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



- Mr. Prasad Adpaikar delivered a talk on Role of Engineering in Pharma industry on 25th April 2024 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 25th April 2024 for TE (Mech.) students. The visit was coordinated by Prof. Swapnil Ramani.
- Mr. Prasad Adpaikar attended the Academic Advisory Board meeting and gave valuable suggestions.

2. MoU with Turbocam India Pvt. Ltd.

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Sl. No.	Particulars	Nos.
1	Internships	05
2	Workshops	02
3	Talks	01
4	Field visit	01

➤ ISTE STTP on Six Sigma for Improved Quality Management

The Department of Mechanical Engineering Organized an approved Short Term training Program on “Six Sigma for Improved Quality Management” from 13th May 2024 to 17th May 2024, sponsored by the Department of Science Technology & Waste Management, Government of Goa, in association with The Institution of Engineers (India) Goa state center, and supported by Turbocam India Pvt Ltd.

- Mr. Ameya Shirodkar, Manager- Quality Control delivered a talk on “Statistical Process Control”
- Engineer from Turbocam attended the workshop
- Turbocam supported the workshop with a funding of Rs. 10000/-
- A field visit was organized to the Turbocam India Pvt Ltd state-of-the-art facility at Margao Industrial Estate, Nessai





➤ **CNC Centre**

- One-day hands-on workshop on “CNC Programming” was conducted by Prof. Sachin Turi and Prof. Gaurish Samant on 10th and 11th October 2024.



- Consultancy work on turning and milling was undertaken for Precitech Component, Honda and Mahaveer Plastics on CNC machines

3. MoU with EUROSTAMPA

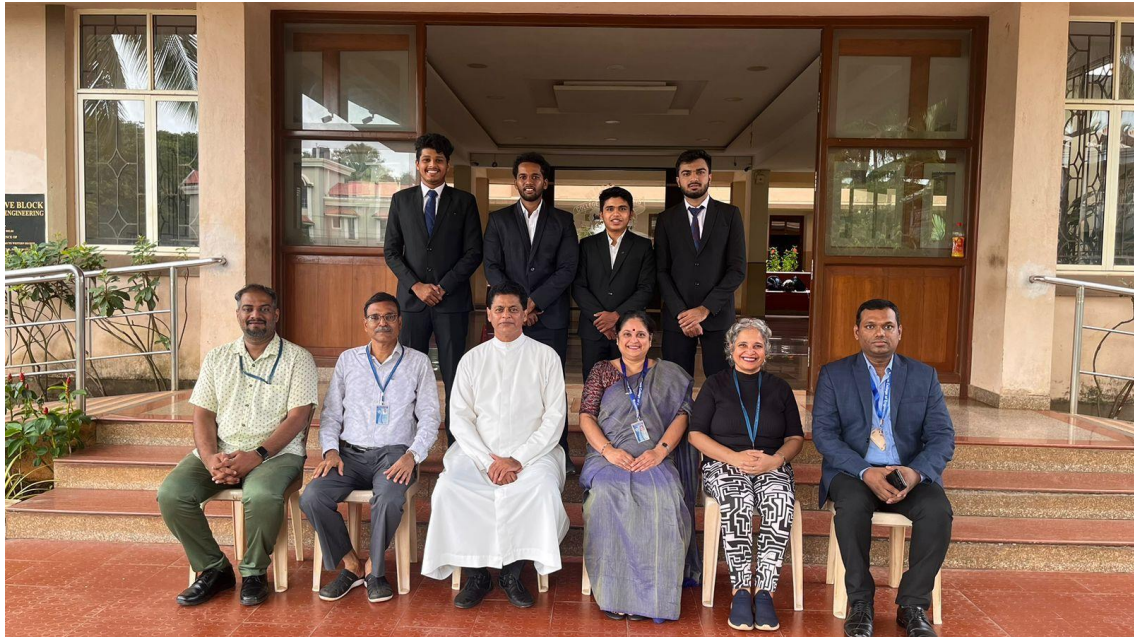


EUROSTAMPA, an Italian family-owned company with more than 55 years of expertise and experience in printing high-quality labels signed an MOU with our college (DBCE) for internships, placements, and industry connect. The company has plants in California USA, Jalisco Mexico, Ohio USA, Glasgow UK, Cognac France, and Piedmont Italy. The 7th plant Eurostampa India will be set up in Goa in 2024. Mr. Luciano Cillario, Founder & President of Eurostampa Holding along with Eurostampa officials exchanged MOU with Fr. Kinley D’Cruz, Director of our college and the management of the institute on 31 January 2024 on Don Bosco Feast Day.

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Sl. No.	Particulars	Nos.
1	Placements	04
2	Visits	03
3	Scholarships	08

- Dr. Neena Panandikar, Principal, DBCE visited the company headquarters in Italy
- Fr. Kinley D’ Cruz, Director, Dr. Neena Panandikar, Prof. Sachin Turi, and Ms. Avila Naik attended the foundation laying ceremony of Eurostampa India at Verna Industrial Estate.
- Four students placed in the company underwent training in the Eurostampa plant in USA and are presently undergoing training in Italy.



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- Eurostampa has introduced a scholarship program of Rs. 40,000 per year for 10 students from Don Bosco College of Engineering, starting from the academic year 2024-25. The scholarship distribution includes 4 students from the Mechanical Engineering department, 3 from the Civil Engineering department, and 3 from the Computer Engineering department.

4. MoU with Astra Metals Pvt. Ltd.

Sl. No.	Particulars	Nos.
1	Astra Metals	01
2	Field visits	01

- A field visit was organized to Aviza Technologies located in Kundaim Industrial Estate on 13th April 2024. The visit was coordinated by Dr. Avil Allwyn Dsa.



Compiled By: Mr. Ajit Salunke,
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