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THE MESSENGER

The Official Newsletter of the Department of Mechanical Engineering,
School of Engineering, Manipal University Jaipur



Department of Mechanical Engineering

VISION

- Excellence in mechanical engineering & Allied Discipline for Global Competency with human values.

MISSION

- To provide conducive academic and research environment
- To develop professional skills through student centric activities and industry collaboration
- To serve society by inspiring young minds with ethical values

PROGRAM EDUCATIONAL OBJECTIVES

- Graduates will exhibit Professional skills on a global platform in mechanical engineering.
- Graduates will pursue Higher Education to upgrade their competency.
- Graduates will showcase Team working and leadership qualities with Ethical behaviour.

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Student Achievements

Department of Mechanical Engineering, Manipal University Jaipur, is delighted to congratulate Ms. Tanu Naruka from B.Tech Automobile Engineering (Batch 2022–26) on her placement at Revolt Motors as a Graduate Engineering Trainee (GET).

This achievement reflects her dedication, hard work, and technical excellence. We are confident that she will make remarkable contributions in the rapidly evolving electric mobility sector.

The Department of Mechanical Engineering wishes her continued success and a bright professional journey ahead.



Department of Mechanical Engineering congratulates Harshita Yadav, a student of B.Tech III year, Mechanical Engineering for winning the first prize in Uno Minds 6.0, a national-level talent competition solving real-world business challenges from Uno Minda, showing extraordinary skills, winning a cash Prize of Rs. 1 Lakh and bringing laurels to the department and the university.

Uno Minds 6.0 is a national-level talent competition where thousands of students from across India participate to showcase their technical, analytical, and creative abilities. The event begins with an online Technical Assessment, from which the top 32 students are selected. These finalists then compete in the Business Emerson Round, solving real-world business challenges from Uno Minda.



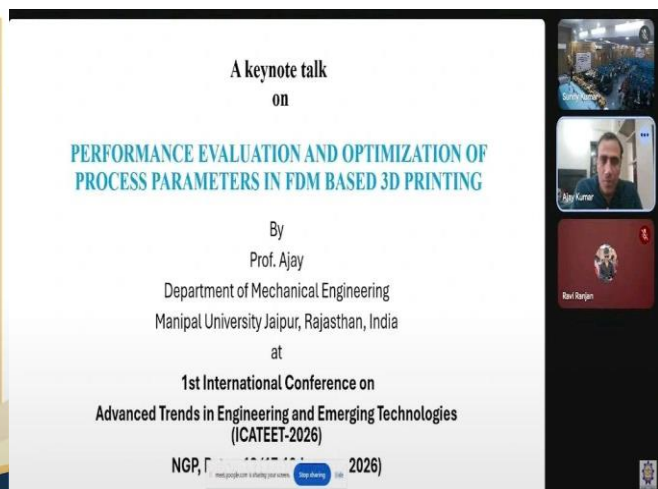
Faculty Achievements

Glad to share the achievement of two B.Tech Mechanical Engineering (III Year) students Chandra Panday and Amish Samaiya from MUJ who successfully participated in the International Conference on Fluid and Thermal Engineering (ICFTE) held at BITS Pilani from 19th Jan.-to 21st Jan., 2026, where they presented their research papers and engaged with researchers from across institutions.

MUJ actively supported the students by sponsoring their travel and accommodation, reinforcing the university's strong commitment to promoting undergraduate research and nurturing a vibrant research culture under the mentorship of Dr Somenath Gorai, PhD. and Dr Devendra Kumar Vishwakarma, PhD, Faculty members, Department of Mechanical Engineering, Manipal University Jaipur
Congratulations to the students and mentors for representing MUJ with excellence and contributing to the growing research ecosystem!
Here's to many more such milestones in research and innovation.



Department of Mechanical Engineering, Manipal University Jaipur congratulates Prof. Ajay Kumar for delivering an invited talk in International Conference on Advanced Trends in Engineering and Technology ICATEET,2026 jointly organised by IIT Patna,NIT Raipur, NGP Patna-13 held on 17January -18 January 2026.MUJ is committed to not only foster research and innovation but also share it with the research fraternity across the nation thereby establishing its presence.



Strengthening Global Academic and Research Collaborations at Manipal University Jaipur!!!

The Department of Mechanical Engineering, in association with the Directorate of Research (DoR) and the Directorate of International Collaboration (DoIC), Manipal University Jaipur, successfully organized an expert lecture by Dr. Maria Beatriz Silva, Associate Professor with Habilitation, Department of Mechanical Engineering, Instituto Superior Técnico (IST), University of Lisbon, Portugal, on the topic: "Metal Forming: Challenges, Recent Advances, Emerging Directions, and Opportunities for International Academic Collaboration."

The event commenced with a warm welcome to Dr. Silva by Prof. Ajay and Dr. Ankur Srivastava. Prof. Ravi Sharma, Director, DoIC, presented an overview of Manipal University Jaipur, highlighting its growing international footprint, global partnerships, student mobility initiatives, and collaborative academic and research activities.

During her expert lecture, Dr. Silva presented the current state of various sheet metal forming techniques, highlighting recent advancements, key technological challenges, and future research directions being explored worldwide. She also shared valuable insights into emerging trends in advanced manufacturing and opportunities for international research collaboration.

The event witnessed enthusiastic participation from faculty members, researchers, and scholars from the domains of Mechanical Engineering and Manufacturing Engineering, providing an excellent platform for knowledge exchange and academic interaction.

Following the lecture, Dr. Silva interacted with Prof. Kuldip Singh Sangwan, Dean, FoSTA, and discussed emerging trends in manufacturing research, opportunities for academic engagement, and the importance of strengthening international collaborations to address future technological and sustainability challenges.

Dr. Silva also had the opportunity to interact with Hon'ble President, who felicitated her with a token of appreciation. During the interaction, he highlighted MUJ's commitment to fostering a world-class academic and research ecosystem and encouraged greater academic exchange, collaborative research initiatives, and future visits between Manipal University Jaipur and Instituto Superior Técnico, University of Lisbon.



Department of Mechanical Engineering, Manipal University Jaipur congratulates Dr. Anurag Joshi, Assistant Professor (Selection Grade) who was awarded the Best Paper/Poster Presentation at the 1st International Conference on Characterization & Advanced Research in Materials (CHARM 2025) held at Chandigarh University, Punjab, from 13th–15th November 2025.

The research work titled "Optimization of Continuous Heat Treatment Parameters for SAE 1080 Carbon Steel Strips Using Taguchi and Grey Relational Analysis" was recognized and appreciated by the conference jury.



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