

Departmental Orientation 2025

DEPT. OF METALLURGICAL &
MATERIALS ENGINEERING



METMASS (Student Society)

Vision

Targeting the holistic development of the students of Metallurgical and Materials Engineering Department by sharpening the technical knowledge with good physical and mental health and walking ahead holding hands with the society. METMASS aims to establish a student forum to make every student proactive in all aspects of life



Events

We proudly organized the
METMASS Inauguration to mark a
new beginning.
Celebrating this special occasion
on National Metallurgists' Day –
14th November 2024.



 **MALAVIYA NATIONAL INSTITUTE OF
TECHNOLOGY JAIPUR** 

Department of Metallurgical and Materials Engineering
Team METMASS
organizing a series of events on the occasion of
National Metallurgist Day on 14-15th November

We cordially invite you all to
Inauguration Ceremony

VENUE : VLTC Radhakrishnan Hall
AT 5 PM, 14th Nov

SPORTS EVENT
09:00 TO 12:00,
15th Nov
Cricket Ground

CULTURAL EVENING
05:00 TO 07:00
15th Nov
VLTC-L006

TECHNICAL EVENTS
02:00 TO 05:00
15th Nov
VLTC-L006

Events



Events



Events

Cleanliness Campaign in the Department Premises
Organized on 2nd October with active participation from 1st & 2nd-year students and faculty members, promoting the spirit of Swachh Bharat Abhiyan.



Events



Events

Fun Sports Event at MNIT Ground

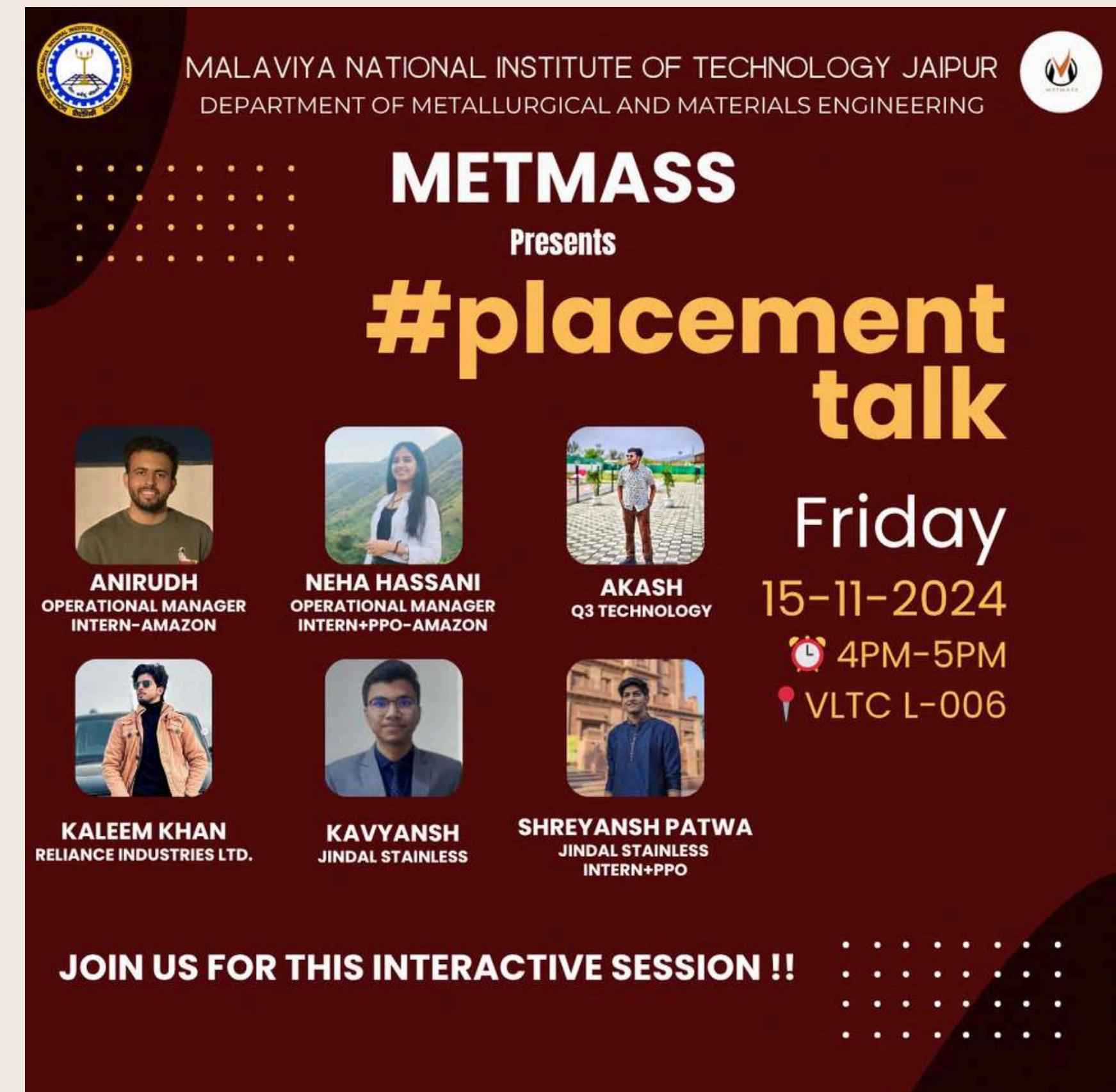
We organized exciting games like Lemon & Spoon Race, Slow Cycling, Tug of War, and Satoliya, bringing together students and teachers for a day full of fun and team spirit.





Events

Placement Talk Session
Senior students from different domains
and sectors shared their placement
experiences, preparation strategies, and
insights with juniors.



The banner features the Malaviya National Institute of Technology Jaipur logo and the Department of Metallurgical and Materials Engineering logo. The text "METMASS Presents #placement talk" is displayed in large, bold, white and yellow font. Below the text are six portraits of speakers with their names and placement details. The banner also includes the date (15-11-2024), time (4PM-5PM), and location (VLTC L-006) with corresponding icons.

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

METMASS
Presents

#placement talk

Friday
15-11-2024
4PM-5PM
VLTC L-006

 ANIRUDH OPERATIONAL MANAGER INTERN-AMAZON	 NEHA HASSANI OPERATIONAL MANAGER INTERN+PPO-AMAZON	 AKASH Q3 TECHNOLOGY
 KALEEM KHAN RELIANCE INDUSTRIES LTD.	 KAVYANSH JINDAL STAINLESS	 SHREYANSH PATWA JINDAL STAINLESS INTERN+PPO

JOIN US FOR THIS INTERACTIVE SESSION !!



Events

Technical Quiz & Expert Session on Metallurgy

A multi-round quiz testing the fundamentals of metallurgy was organized separately for 1st and 2nd-year students, followed by an interactive technical session by Dr. Nilesh Prakash

Gurao (Professor, IIT Kanpur).

The events were held as part of the National Metallurgists' Day celebrations on 15th November 2024.



Dr. Nilesh Prakash Gurao
Professor, Department of Materials Science
IIT Kanpur



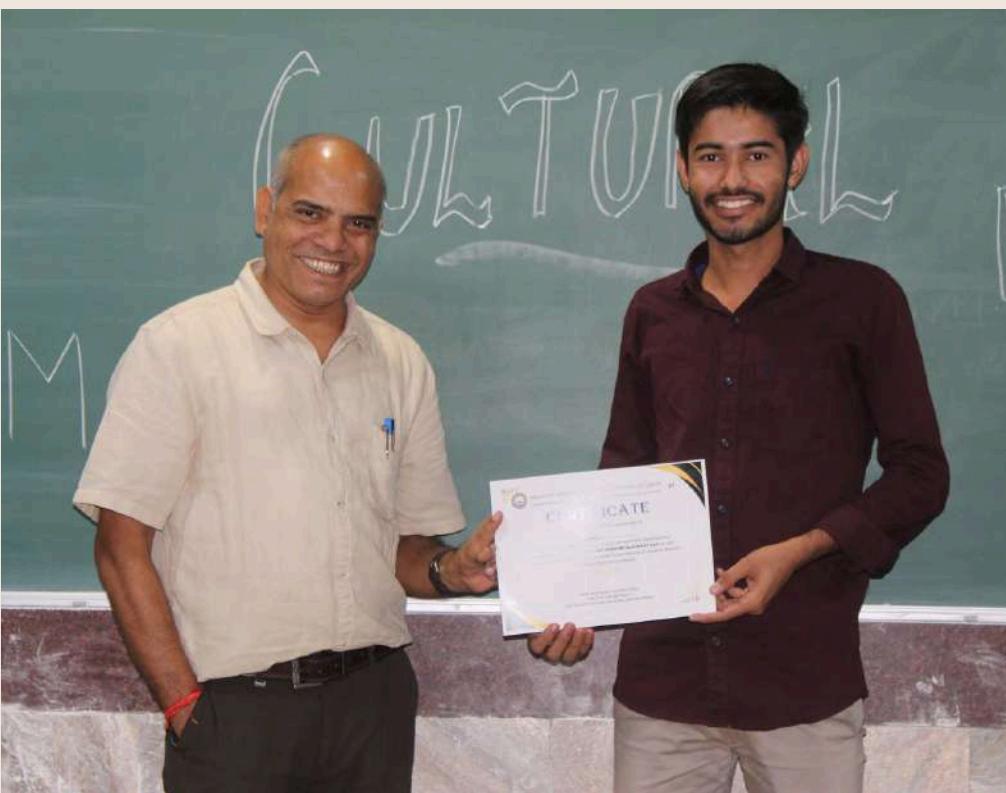
Events

Cultural Evening

A vibrant Cultural Evening was organized on National Metallurgists' Day, featuring performances, followed by the Closing Ceremony with prize and certificate distribution to event winners and participants.







Events

Expert Lecture

"Expert Lecture by Dr. Heena Kanchandani on Atomic Scale Investigation of Hydrogen Embrittlement in Metallic Materials — an inspiring journey through cutting-edge materials science and global research excellence."



Events

BEYOND B.TECH: GATE Achievers Talk

An inspiring session organized by
METMASS, where top GATE rankers
shared valuable insights on
preparation strategies, career
opportunities, and the road ahead
beyond graduation. 🎓🌟



Events

Cricket Match

Adding a dash of sportsmanship and fun — METMASS organized thrilling

Tennis Ball Cricket Tournaments between 1st and 2nd year students, fostering teamwork, energy, and department spirit! 🏏🔥



Events

Frames of Meta 2025

Team METMASS bids farewell
to the Passing Out Batch 2025

— capturing memories,
celebrating milestones



Current Team

President - Adinath Shelke

Vice President - Jatin Kumar

Technical Secretary

Ujjawal Vyas

Geetanjali Kumari

Cultural Secretary

Arvind Bishnoi

Ishika

Finance Secretary

Swarit Bishwas

Amol Raj

Logistics Secretary

Shivraj

Prakhar Raj









Indian Institute of Metals (IIM) Jaipur Chapter

About us:

The Indian Institute of Metals was formed in 1945 to provide a professional body for metallurgists in India. The Institute has since grown to over 10,000 members and is recognized as one of the premier metallurgical organizations in the world, with activities including organizing conferences, conducting research, and publishing materials related to metallurgy and allied technologies. The organization was established to undertake key activities in the space of metallurgy in India.



Organize Technical Conference



Conduct Research Activities



Publish Education Materials



Conduct Qualifying Examinations

Our Vision

Build a community of scientists, engineers and technologists that will take India to global leadership in minerals, metallurgical and materials science and engineering, and be the premier advocate for materials and manufacturing innovation.



Our Mission



Identify the key requirements of the metallurgical and materials segments and the professionals that can be served by IIM



Provide a platform for national and international collaborations



Provide opportunities for continuous education



Develop and share authoritative databases with
■ industry, R&D and academia



Be a premier forum for aiding the development of policy issues for government, industry, R&D and academia



Forge stronger ties between IIM and metallurgical/materials sectors, academia, research, and professional organizations worldwide.

International Conference on **Advanced Materials for Sustainable Development** **(ICAMSD 2025)**

28 - 29 March, 2025 | MNIT Jaipur, India



IIM
Metallurgy
Materials Engineering







Events

- 1. Expert Lecture on High Performance Polymers and Composite Materials for Aerospace Applications by Dr. Dibyendu Sekhar Bag, Jt. Director, DMSRDE, Kanpur (DRDO lab), India on 27th May 2023 at 12:30 AM. Online platform (google meet)**
- 2. Expert Lecture on Space and Aerospace Materials - Present Trends and Future Prospective by Shri Ravi Kumar Varma, Sr. Scientist, SAC, ISRO, Ahmedabad, India on 27th May 2023 at 10:30 AM.
Venue: committee room, MME.**
- 3. Expert Lecture on Searching for order within disorder: data-driven exploration of High Entropy Alloys by Dr. Pratik K Ray, Assistant Professor and Head of the Department, Department of Metallurgical and Materials Engineering, Indian Institute of Technology Ropar, India on 22nd Apr. 2023 at 11:00 AM. Online platform (google meet)**
- 4. Expert Lecture on Integrated Computational Materials Engineering: Opportunities and Challenges by Prof. Amarendra K Singh from IIT Kanpur on 10th Mar. 2023 at 11:30 AM. Venue: committee room, MME.**



Current Team

President - Mukul Joshi

Vice President - Vaibhav Kumar

Technical Secretary

**Abhinav
Kasak**

Cultural Secretary

**Yuvraj Singh
Aryan Parashar**

Finance Secretary

**Sunil Kumar
Prerna Baghel**

Publicity Secretary

**Mahi Somanı
Himanshu Pal**





Bureau of Indian Standards (BIS)

Department Student Chapter

About us

Welcome to the BIS-Student Chapter of Department of Metallurgical and Materials Engineering Department , a pioneering platform that promotes standardization and quality among science students in schools and colleges across India. Our club is an esteemed initiative by the Bureau of Indian Standards (BIS), the National Standards Body of India, with a primary goal of cultivating a culture of excellence and adherence to standards among the youth.



About us

our objective is to introduce the fundamental concepts of standardization and quality to students, empowering them with knowledge and skills that resonate with real-world applications.

Through a series of seminars, workshops, and engaging competitions, we aim to foster a deeper understanding of the significance and impact of standards in various industries and sectors.



Future Endeavors

As we embark on an exciting journey of learning and innovation, we have planned a range of enriching programs for the near future, including

- **Seminars and Workshops:** We will organize informative sessions on various subjects related to quality and standards, inviting experts to share their valuable insights.
- **Competitions:** Engaging competitions, such as Quiz, Essay-writing, Debate, and Writing Standards, will challenge and inspire participants to showcase their knowledge and creativity.
- **Industrial Visits:** To learn from the best practices in the industry, we are enthusiastic about arranging industrial visits that offer practical exposure and learning experiences



Current Team

President - Lakshya Sharma

Vice President - Richa

Technical Secretary

Divij Jain

Deepanshu Rathore

Logistics Secretary

Sandeep Raika

Aryan Parashar

Finance Secretary

Tushar Verma

Publicity Secretary

Mohammad Saleh Khatri



Thank you

