

Report on the Inauguration of ASME-MAIT Student Section

Topic: Engineering Beyond Boundaries: ASME Awareness, Initiatives in India & Skills for Non-Core Jobs

Date: 10th March, 2025

Venue: Maharaja Agrasen Institute of Technology, Sector-22, Rohini, Delhi, India

Organized by: Department of Mechanical Engineering, MAIT, in association with ASME

Overview of the event

The Department of Mechanical Engineering at Maharaja Agrasen Institute of Technology (MAIT), Delhi, successfully hosted the **inauguration ceremony of the ASME-MAIT Student Section** on **March 10, 2025**. This milestone event introduced students to the vast opportunities that ASME offers in professional development, engineering advancements, and industry networking.

The session was graced by esteemed ASME representatives, **Ms. Vaishnavi Soni and Ms. Jagruti**, who delivered insightful presentations on ASME's global impact, engineering standards, and skill development programs. The **ASME-MAIT Student Section** at MAIT will be led by **Dr. Naveen Solanki**, who will guide students in leveraging ASME's resources and industry collaborations.

The primary objective of this event was to bridge the gap between academia and industry while encouraging students to participate in ASME initiatives.



Significance of ASME and Its Global Impact

Founded in 1880, the **American Society of Mechanical Engineers (ASME)** is a globally recognized organization dedicated to advancing engineering knowledge, technical education, and industrial standardization. With a presence in over 150 countries, ASME plays a crucial role in developing internationally accepted engineering standards that ensure precision, safety, and reliability.

Ms. Vaishnavi Soni and Ms. Jagruti emphasized ASME's contributions to various industries, including **manufacturing, aerospace, automotive, energy, robotics, and biomedical technology**. By maintaining globally recognized guidelines and best practices, ASME enhances efficiency, quality control, and regulatory compliance across industries.



ASME Standards and Their Importance

ASME's **engineering codes and standards** are widely adopted worldwide, playing a crucial role in multiple sectors:

Manufacturing & Design: Ensuring precision, durability, and efficiency in product development.

Automotive & Aerospace: Enhancing safety measures and technological advancements in transportation.

Energy & Power: Regulating power plants, renewable energy, and thermal systems.

Biomedical Engineering: Setting guidelines for medical device innovation and healthcare technology.

By adhering to ASME standards, engineers can **enhance the quality, reliability, and global acceptance** of their designs, making them more competitive in the international job market.

Essential Skills for Future Engineers

The speakers emphasized that modern mechanical engineers must continuously evolve with **industry demands** by acquiring a combination of technical expertise, automation knowledge, and professional skills.

Key skills highlighted included:

- **Design and Simulation Tools (CAD/CAM)**
- **AI-driven Automation & Computational Modeling**
- **Advanced Manufacturing Techniques**
- **Community and Content Management Skills**
- **Workshops, Technical Sessions, and Efx Sessions**

Additionally, they discussed ASME's **international working groups**, of which **nine are currently active in India**. The session also covered **technical and engineering communities, Indian technical groups, and IMECE India 2025**, scheduled to be held in **September 2025 in Hyderabad**.

The speakers encouraged students to use **ASME.org for learning and development** and explore **Access Engineering for GATE preparation**. They also mentioned that **industrial visits can be planned in the NCR region with prior intimation of at least one month**.



ASME's Role in Upskilling Engineers

ASME actively supports **professional growth** through training programs, certifications, and skill-enhancement initiatives. These focus on areas such as **design, simulation, automation, manufacturing, and emerging technologies** to ensure engineers remain industry-ready.

Ms. Vaishnavi Soni encouraged students to explore ASME resources, as ASME **certifications offer global recognition**, providing an advantage in placements, research, and industry collaborations.

Program Highlights

The inauguration event featured multiple key sessions, including:

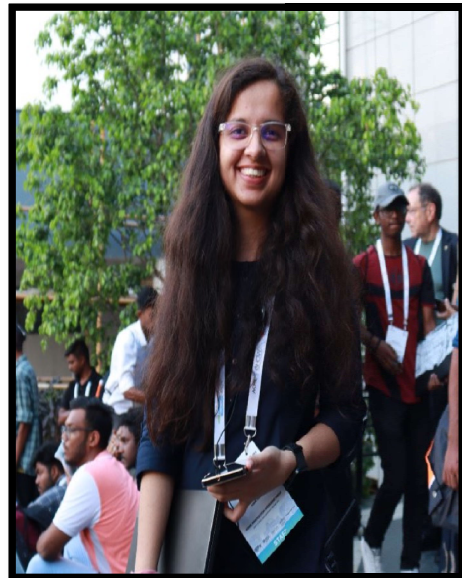
- **Introduction to ASME and its global impact**
- **ASME standards and engineering codes**
- **Skills for non-core jobs and emerging industry trends**
- **Opportunities for students in ASME communities and technical groups**
- **Guidance on professional development using ASME resources**
- **Discussion on upcoming events, including IMECE India 2025**

SPEAKER PROFILES

Ms. Vaishnavi Soni

Vaishnavi Soni serves as the **Deputy Manager for Sections and ECE Support at ASME's India Office**. She is responsible for managing, expanding, and facilitating student and professional section activities across India. With a strong background in ASME, she was previously an active student volunteer, gaining valuable experience in **community engagement and leadership**.

A Mechanical Engineering graduate from **LNMIIT Jaipur**, Vaishnavi is passionate about both professional and social impact. Beyond her role at ASME, she enjoys traveling and actively participates in **community service**, volunteering with local NGOs and organizations to contribute to societal well-being.



Ms. Jagruti Ajgaonkar

Jagruti Ajgaonkar represents **ASME India** as a **Membership Coordinator**, playing a pivotal role in fostering **member engagement, driving organizational growth, and ensuring a rewarding experience for ASME members**. She is actively involved in supporting initiatives aimed at strengthening the ASME community, enhancing its outreach, and maximizing benefits for its members.

Her responsibilities include **assisting in the development and implementation of membership programs, coordinating events, and professional networking activities**. Through her efforts, she works to create a more **dynamic and engaging environment** for ASME members, ensuring their needs are met and their experience within the organization remains valuable and fulfilling.



About the Organizers

The **Department of Mechanical Engineering, MAIT**, is committed to **academic excellence, innovation, and industry collaboration**. The department actively organizes events, workshops, and technical sessions to enhance students' knowledge and professional skills. With a strong faculty team and state-of-the-art facilities, MAIT provides an **enriching learning environment** for aspiring engineers.

Under the leadership of **Dr. Naveen Solanki**, the **ASME-MAIT Student Section at MAIT** will serve as a **platform for knowledge-sharing, networking, and skill development**, ensuring that students remain aligned with industry trends and global engineering standards.

Concluding Session and Feedback

The event concluded with an **interactive Q&A session**, where students engaged with the ASME representatives, gaining clarity on **certifications, competitions, and industrial applications of ASME standards**.

Dr. Naveen Solanki, the faculty advisor for the **ASME-MAIT Student Section** at MAIT, delivered the **Vote of Thanks**, expressing gratitude to the ASME representatives, faculty members, and students for making the event a success. Under his guidance, the **ASME-MAIT Student Section** is set to become a hub for **technical learning, innovation, and industry collaboration**.

