

4th International Conference on Materials Science and Engineering (ICMSE 2025) Successfully Organized at NIT Jalandhar

The Department of Mechanical Engineering, Dr B R Ambedkar National Institute of Technology (NIT) Jalandhar, successfully organized the **4th International Conference on Materials Science and Engineering (ICMSE 2025)** on **June 11–12, 2025**. The conference witnessed enthusiastic participation from academicians, researchers, and industry professionals from India and abroad.

The organizing secretaries of the conference were **Dr Sumit Sharma** and **Dr Ashok Kumar**, Assistant Professors in the Department of Mechanical Engineering, NIT Jalandhar. The conference featured keynote talks by eminent experts in the field of materials science:

- **Prof. Tamal Banerjee** (IIT Guwahati) delivered an expert lecture on *"Deep Eutectic Solvents as Media for Microextraction and Asphaltene Aggregation Inhibition."*
- **Prof. Ravi Mohan Prasad** (IIT Ropar) spoke on *"Polymer Derived Ceramics for Energy Applications."*
- **Dr Sapna Sethi** (DAV University) also graced the event as a keynote speaker.

The **Chief Guest of the conference**, **Prof. Sumsun Naher** from **St George's City University of London**, addressed the gathering and highlighted the significance of such international platforms. She emphasized that conferences like ICMSE serve as a vital medium for the **exchange of ideas, collaboration, and global research exposure**.

The proceedings began with an inaugural address by **Dr Sumit Sharma**, who welcomed the participants and highlighted the legacy of the ICMSE conference series. He shared that this is the fourth conference organized by the Department of Mechanical Engineering, with previous editions held in **2019, 2022, and 2023**.

This year, the conference attracted **around 80 participants** from both India and abroad. International participation included researchers from **Taiwan, Ireland**, and other countries, reflecting the global relevance of materials science and engineering.

During the event, **Prof. T Srinivas**, Head of the Department of Mechanical Engineering, emphasized the department's achievements and urged researchers to work towards the development of **smart and sustainable materials** for the nation's progress.

Prof. Rohit Mehra, Dean (Research and Consultancy), highlighted the pivotal role of materials science in shaping future technologies.

Prof. Ajay Bansal, Registrar of the Institute, congratulated the organizing team and underlined the significance of academic conferences in building global research networks and collaborations.

The event concluded with an inspiring address by the **Hon'ble Director (Incharge), Prof. J.N. Chakraborty**, who appreciated the efforts of the organizers and encouraged young researchers to contribute actively to the **'Make in India' initiative**. He stressed the importance of achieving **self-reliance in materials technology** in today's rapidly evolving scientific landscape.

The conference concluded with a formal **vote of thanks by Dr Ashok Kumar**, who expressed gratitude to all participants and stakeholders. He emphasized that collective dedication and hard work are the pillars of successful academic endeavors.

ICMSE 2025 once again proved to be a vibrant platform for knowledge exchange, idea sharing, and fostering collaborations in the dynamic field of materials science and engineering.