An Expert Lecture on Engineering the energy transition: lessons from industrial decarbonization, e-fuels and the advent of AI

On 27th October 2026, the Department of Chemical Engineering, Malaviya National Institute of Technology (MNIT) Jaipur, hosted an insightful expert lecture by Mr. Pronit Lahiri, Study Manager at SLB Capturi, Copenhagen, Denmark, and an alumnus of MNIT Jaipur.

Mr. Lahiri shared his valuable experience and insights into the evolving energy landscape through a thought-provoking session titled "Engineering the Energy Transition: Lessons from Industrial Decarbonization, E-Fuels and the Advent of AI." He discussed key aspects of the global energy transition and energy security, the role of artificial intelligence (AI) and digital twins, practical challenges in industrial decarbonization, and emerging opportunities for AI-driven innovation in the energy sector.

The lecture provided students with an excellent opportunity to connect their academic learning with contemporary industrial practices and technological advancements. The interactive session also highlighted the growing role of AI and machine learning in addressing complex engineering challenges, promoting sustainable industrial processes, and advancing energy technologies.

The Department of Chemical Engineering, MNIT Jaipur, expresses its sincere gratitude to Mr. Pronit Lahiri for sharing his expertise, engaging with the students, and inspiring them to explore emerging opportunities at the intersection of chemical engineering, sustainability, and artificial intelligence.



