

International Conference on Innovations and Challenges in Mechanical Engineering (ICICME 2025)

Conference Summary and Outcomes

The Department of Mechanical Engineering at Koneru Lakshmaiah Education Foundation (KLEF) successfully hosted the International Conference on Innovations and Challenges in Mechanical Engineering (ICICME 2025) on the 12th and 13th of May, 2025, in virtual mode. The two-day conference brought together leading researchers, industry experts, faculty members, and students from across India and abroad to deliberate on emerging trends and challenges in the field of Mechanical Engineering.

The inaugural session on 12th May was graced by the presence of Chief Guest Dr. Ch V Ram Mohan, Outstanding Scientist, DRDO & Additional Secretary, NSCS, PMO, who delivered an insightful address on national advancements through strategic innovations. The session also featured addresses by Dr. K Subba Rao (Registrar, KLEF), Dr. T K Ramakrishna Rao (Principal, KLEF), and Dr. B N Rao (Conference Chair). The function was presided over by Honble President & Chancellor Er. Koneru Satyanarayana and other key dignitaries from KLEF administration.

The technical sessions across both days featured keynote talks from globally renowned experts, including Dr. M Mutyala Rao (ISRO), Dr. Okokpujie Imhade Princess (Afe Babalola University, Nigeria), Mr. B S Ramesha (Altair India), Prof. Mark James Jackson (University of Cambridge & Space Science Institute, USA), Dr. Shiva Rudraraju (University of Wisconsin-Madison, USA), and Dr. N Siva Shanmugam (NIT Trichy, India). The sessions covered cutting-edge topics such as additive manufacturing, computational modeling, nanotechnology, welding simulations, and startup-industry-academia linkages.

Over 100 research papers were presented, and the conference served as a vibrant platform for intellectual exchange and future collaborations.

The valedictory session, held at 4:30 PM on 13th May, 2025, marked the successful conclusion of the

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conference. Dr. Surya Narayan Padhi, Convener, extended a heartfelt vote of thanks to all dignitaries, speakers, authors, participants, organizing teams, and volunteers for their unwavering support and contributions.

ICICME 2025 stood as a testimony to KLEFs commitment to academic excellence, research innovation, and global engagement in Mechanical Engineering.