

A One-day workshop on “Futuristic Technologies for Energy Efficient, Safe and Smart Ropeway Systems” was organized by Prof. Rajeev Kumar (Coordinator) and Prof Vishal Singh Chauhan (Co-coordinator), School of Mechanical and Materials Engineering, Indian Institute of Technology Mandi on July 21, 2025.

The workshop was inaugurated by Prof. Laxmidhar Behera, Director, IIT Mandi, Mr. Narendra Pal Singh, Managing Director, BRIDCUL, Mr. Sanjeev Jain, General Manager (Civil), BRIDCUL, and Mr. Satish Kumar Verma, General Manager, RITES Limited in the conference room of A11 Block, IIT Mandi.



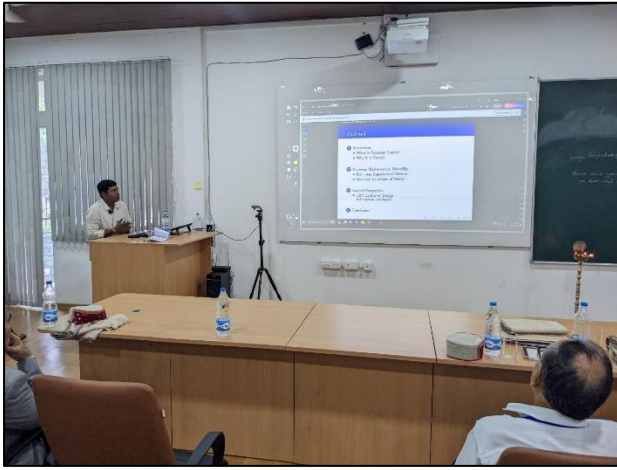
Image#1: Inauguration function: (from left to right) Prof. Laxmidhar Behera, Mr. Narendra Pal Singh, Mr. Satish Kumar Verma, Prof. Rajeev Kumar and Mr. Sanjeev Jain

On the occasion, Prof. Laxmidhar Behera highlighted the importance of adopting futuristic technologies in ropeway systems to make them more energy-efficient, safe, and smart. He emphasized their potential in transforming transportation, especially in urban and hilly regions.

The objective of the workshop was to provide a platform for students, researchers, and professionals to explore emerging technologies in ropeway systems. It aimed to promote energy-efficient, safe, and smart transportation solutions through knowledge sharing and interdisciplinary collaboration.

The speakers delivered engaging technical presentations that reflected the active participation of attendees throughout the workshop.





Image#2: Speakers delivering lectures

Participants were awarded certificates of participation by Mr. Narendra Pal Singh, Managing Director of the Bridge, Ropeway, Tunnel and Other Infrastructure Development Corporation of Uttarakhand Limited (BRIDCUL).



Image #3: Concluding Session and valedictory function: (from left to right), Mr. Narendra Pal Singh and participant

The participants, from both academia and industry, appreciated the workshop for its insightful sessions and practical relevance. Student attendees acknowledged the value it added to their research perspectives and appreciated the exposure to the interdisciplinary nature of problem solving in futuristic ropeway systems.

The speakers included Prof. Manoranjan Par (Director, CSIR-Central Road Research Institute), Prof. Rajeev Kumar (IIT Mandi), Dr. Kaushik Halder (IIT Mandi), Dr. Sandip Saha (IIT Mandi), Mr. Satish Verma (RITES Ltd.), Mr. N.P. Singh (BRIDCUL Ltd.), Mr. Biplab Das (Albatross Tradelink Pvt. Ltd.) and Mr. Pradeep Singh (JPS Engineers).



Image #4: Group photo with participants