



CIL INNOVATION & INCUBATION CENTRE

MONTHLY REPORT JANUARY - 2026



IIT(ISM) DHANBAD



Top News

- Visit of delegates from Central Mine Planning & Design Institute Limited (CMPDI) Ltd.
- Skill Development program on Test-Measurement, Prototyping, FPGA, and SDR Platform for Mining Engineering
- Project Proposal Evaluation for Pre-Incubation Program (PIP) at the CIL Innovation & Incubation Centre, IIT (ISM) Dhanbad
- Design Thinking Session Concluded under Entrepreneurship and Leadership Development Program Cohort 2.0



कोल इण्डिया लिमिटेड
Coal India Limited
 भारत सरकार का उपक्रम
 A Government of India Undertaking
 एक महारत्न कंपनी A Maharatna Company



TEXMiN
 Technology Innovation Hub of IIT (ISM) Dhanbad



FROM THE DESK OF HOC

As we begin the new year, I am pleased to present the key highlights of January 2026. During the month, the centre had the privilege of hosting delegates from CMPDI Ltd. The visit of the delegates provided an excellent opportunity to showcase our state-of-the-art laboratories and the innovative products developed at our centre. The interactions led to constructive discussions on research collaboration, technological advancement, and strengthening institutional partnerships.

The Centre successfully conducted a Two-Day Skill Development Program (SDP) on Integrated Test-Measurement, Prototyping, FPGA, and SDR Platform for Mining Engineering, reinforcing our commitment to capacity building and hands-on technical training.

The technical presentations under the Pre-Incubation Program (PIP) were also held in the centre, providing aspiring innovators with a platform to present their progress, receive expert feedback, and advance their entrepreneurial journey.

Additionally, a Design Thinking Session (DTS) was organized in collaboration with Moonpreneur India Pvt. Ltd, aimed at helping students understand how ideas can be transformed into meaningful, user-centric solutions. The session emphasized structured problem-solving, creativity, and innovation, further strengthening the entrepreneurial ecosystem of the Centre.

These initiatives collectively underline the continued efforts of the centre towards fostering innovation, industry engagement, and skill development. I extend my sincere appreciation to all partners, experts, participants, and the Centre's team for their valuable contributions.

Together, we look forward to a year of impactful innovation and collaboration.

Prof. Rabindra Kumar Sinha
Head of the Centre
CIL Innovation & Incubation Centre
IIT(ISM) Dhanbad



Brief Demonstration of the State-of-the-Art Laboratories and the Innovative Products Developed at the CIL Innovation & Incubation Centre to the Delegates of the CMPDI.

DELEGATES' VISIT

The CIL Innovation & Incubation Centre, IIT (ISM) Dhanbad had the privilege of hosting distinguished delegates from CMPDI Ltd. Their visit offered an opportunity to present the Centre's state-of-the-art laboratory facilities and showcase innovative products and solutions developed at the centre, highlighting a strong emphasis on applied research and technology-driven innovation.



The Centre was honored to welcome Shri Nripendra Nath, Director (Technical/RD&T), CMPDI Ltd., and Shri Milan Sen, General Manager (S&T), CMPDI Ltd. The interaction facilitated insightful discussions on research and development, emerging technologies, and strategies for translating innovative concepts into impactful industrial applications.



Such engagements reinforce the importance of industry-academia collaboration, fostering innovation and opening avenues for joint research, technology development, and startup support aligned with the evolving requirements of the mining and its allied sectors.



Skill Development Program (SDP)



“Two Days Skill Development Program on Integrated Test-Measurement, Prototyping, FPGA, and SDR Platform for Mining Engineering at the CIL Innovation & Incubation Centre, IIT (ISM) Dhanbad”

SKILL DEVELOPMENT



80+

REGISTRATION

The program received an encouraging response, with over 80 registrations, reflecting strong interest and enthusiasm among participants for hands-on learning in advanced test, measurement, and prototyping technologies.



Certificate Distribution Program

The program concluded with a Certificate Distribution Ceremony, recognizing participants for their successful completion and active engagement in the skill development program.

The CIL Innovation & Incubation Centre, IIT (ISM) Dhanbad, successfully conducted a Two-Day Skill Development Program focused on Integrated Test-Measurement, Prototyping, FPGA, and SDR platforms for mining engineering. The program provided hands-on exposure to advanced tools and industry-relevant technologies, bridging theory with real-world applications and reinforcing the Centre's commitment to skill-based learning and innovation-driven capacity building.

Pre-Incubation Program (PIP)

PROJECT PROPOSAL
EVALUATION FOR PRE-
INCUBATION PROGRAM (PIP)
AT THE CIL INNOVATION &
INCUBATION CENTRE, IIT
(ISM) DHANBAD



The CIL Innovation & Incubation Centre, IIT (ISM) Dhanbad successfully conducted the Technical and Economic Evaluation of Project Proponents under the Pre-Incubation Program on 19 January 2025, from 6:30 PM onwards.

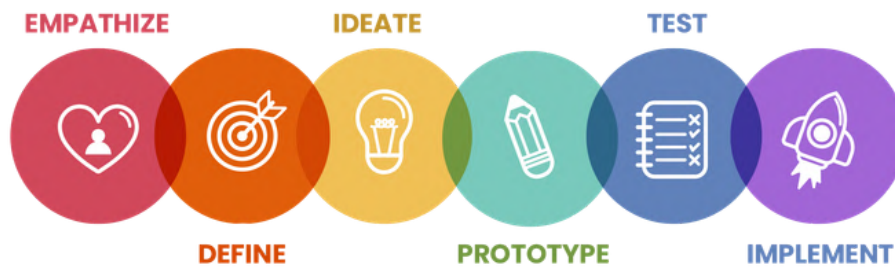
The evaluation marked an important milestone for aspiring innovators and early-stage entrepreneurs, offering them a structured platform to present their technical ideas, demonstrate progress, and receive constructive feedback from an expert evaluation panel. The session witnessed well-articulated presentations, in-depth technical discussions, and valuable insights aimed at strengthening participants' innovation and startup journeys.

We extend our sincere gratitude to the evaluation committee, mentors, and all participants for their enthusiastic involvement and contributions in making the process impactful and successful.



Design Thinking Session (DTS)

Design Thinking Session Successfully Concluded under Entrepreneurship and Leadership Development Program Cohort 2.0



A Design Thinking Session was held as part of the Entrepreneurship and Leadership Development Program (Cohort 2.0) in collaboration with Moonpreneur India Pvt. Ltd. The aim of the session was to help students understand how innovative ideas can develop into meaningful and practical solutions.

Participants were introduced to the structured framework of design thinking, which includes problem identification, user empathy, ideation, prototyping, and solution validation. Through interactive discussions and guided activities, students gained valuable insights into entrepreneurial thinking and leadership development.

The program emphasized a user-centric approach, encouraging participants to transform creative concepts into impactful, real-world applications. These initiatives demonstrate the Centre's ongoing commitment to fostering innovation, critical thinking, and an entrepreneurial mindset among young learners at the Indian Institute of Technology (ISM) Dhanbad. This preparation helps them become future-ready innovators and leaders.

Team Profile of the CII Centre



Prof. R.K Sinha
Head of the Centre



Mr. Rahul Raj
Executive Officer



Mr. Deepak Kuamr
Technical Assistant



Mr. Binod Kumar
Technical Assistant

Team Profile of the CII Centre



Mr. Vimal Kr. Mahato
Junior Technician



Mr. MD. Shourab
Junior Technician



Ms. Arti Kumari
Office Assistant



Mr. Rohit Kr. Goswami
Young Professional



Mr. Neetish Raj
Young Professional