

MONTHLY REPORT

MARCH - 2026



Top News

- Visit of delegates from Coal India Limited (CIL)
- Entrepreneurship and Innovation in India session concluded under Entrepreneurship and Leadership Development Program - Cohort 2.0
- Visit of delegates from Defense Research and Development Organisation (DRDO)
- Employee performance review 2025-2026
- Visit of Students Under the PMKVY 4.0 scheme
- GTM Mastery session concluded under the Entrepreneurship and Leadership Development Program - Cohort 2.0
- Two-Days workshop on Virtual Reality (VR)
- Demonstration of products developed in CII Centre at IITB-Monash Research academy
- Two startup companies were pre-incubated at the CII Centre



FROM THE DESK OF HOC

I am pleased to present the key highlights of the Centre's activities for the month of March 2026. During the month, the center had the privilege of hosting delegates from Coal India Limited (CIL), providing an opportunity to showcase our laboratory facilities, incubation initiatives, and technology-driven innovations. Their visit helped the discussions on research and development.

The Centre also showcased the laboratories and innovative products developed at the CIL Innovation & Incubation Centre to school students as part of the Sankalp yatra, along with candidates of the Assistant Mine Surveyor course under the PMKVY 4.0 scheme.

Under the Entrepreneurship and Leadership Development Program - Cohort 2.0, a session on Entrepreneurship & Innovation in India and the GTM(Go-To Market) Mastery sessions were conducted successfully. Both sessions aimed to help participants learn about India's startup ecosystem, what makes a unicorn, and how to take a product to the market for better marketability.

During the month, the centre also welcomed delegates from the Defence Research and Development Organisation (DRDO). During the visits, the centre demonstrated various startup projects, mainly related to automation and digital technologies.

In addition, the annual performance review of the employee of the centre for 2024-2025 was conducted on 25th March 2026. Team members shared their work and key achievements, making it a good opportunity to reflect on progress and plan for the year ahead. During the month, two startup companies were also pre-incubated at the CII Centre, further strengthening the Centre's entrepreneurial and innovation ecosystem. The Centre's products were also displayed at the IITB-Monash Research Academy, offering a wider platform to present our work and connect with the research community.

These activities show the centre's continued efforts toward innovation, industry collaboration, and skill development. I sincerely thank all partners, experts, participants, and the Centre team for their valuable support.

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



VISIT OF DELEGATION FROM COAL INDIA LIMITED

The CIL Innovation & Incubation Centre at IIT (ISM) Dhanbad got the privilege to welcome a delegation from Coal India Limited (CIL). During their visit, the demonstration of the products developed at the centre was given, as well as the labs and infrastructure of the centre were also showcased.



The Centre was pleased to host Shri Sudip Maiti, General Manager (Min)/Head of Department (Corporate Planning), CIL, and a GB member of the CII Centre, along with Shri Sumit Kumar Jha, Manager (Environment)/CP, CIL, and a SPEC member of the CII Centre.

During their visit, we had a useful discussion on research and development, new technologies, and ways to work more closely between industries and academia.

STUDENTS VISIT AND DEMONSTRATION AT THE CII CETNRE LAB

The centre had the pleasure of showcasing the laboratories and innovative products developed at the CIL Innovation & Incubation Centre to school students as part of Sankalp Yatra, along with candidates of the Assistant Mine Surveyor course under the PMKVY 4.0 scheme.



The visit provided an engaging platform to inspire young minds and offer practical exposure to emerging technologies and innovations.

ENTREPRENEURSHIP AND LEADERSHIP DEVELOPMENT PROGRAM - COHORT 2.0

ENTREPRENEURSHIP AND INNOVATION IN INDIA

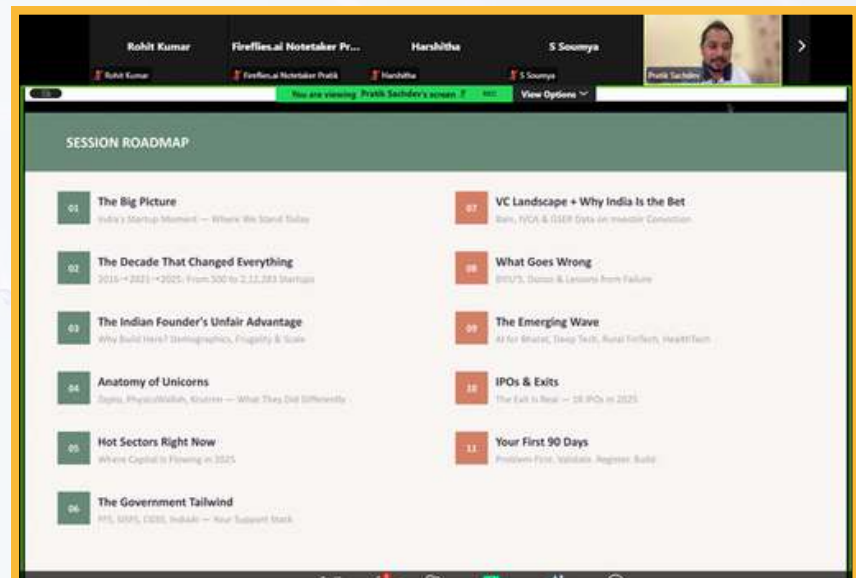
Session on “Entrepreneurship and Innovation in India ” was Successfully Concluded under the Entrepreneurship and Leadership Development Program - Cohort 2.0



The session was conducted in collaboration with Moonpreneur India Pvt. Ltd. The aim of the session was to give knowledge to participants about India's startup moments, the anatomy of a unicorn, and other ideas to become a successful entrepreneur.

During the session, the rise and fall of different startups was also discussed, so the young entrepreneur can learn a lesson from the failure. Topics like the hot sector right now, the emerging wave, and IPO's & Exits were also discussed during the session.

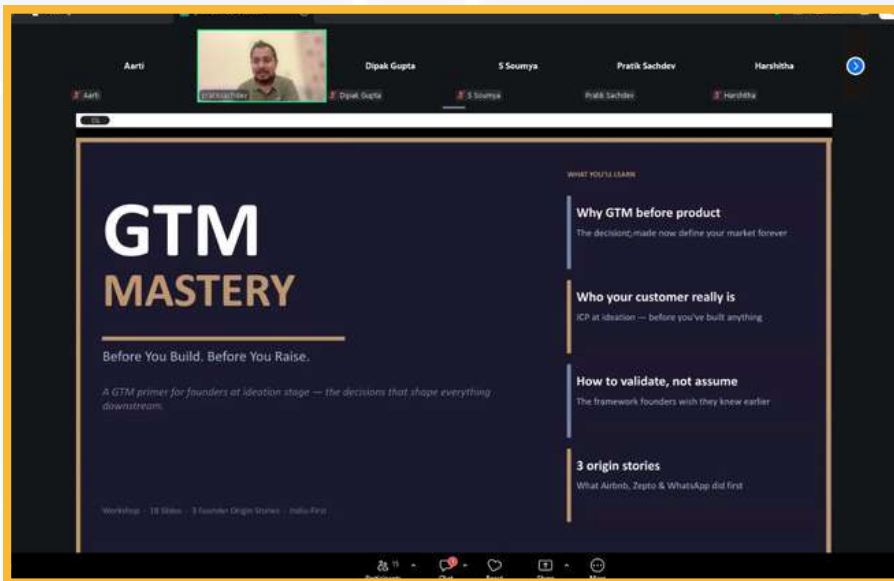
Sessions like this are demonstrative of the Centre's ongoing efforts to prepare young and dynamic innovators and can help them fulfil their dream of becoming successful entrepreneurs.



ENTREPRENEURSHIP AND LEADERSHIP DEVELOPMENT PROGRAM - COHORT 2.0

GTM MASTERY

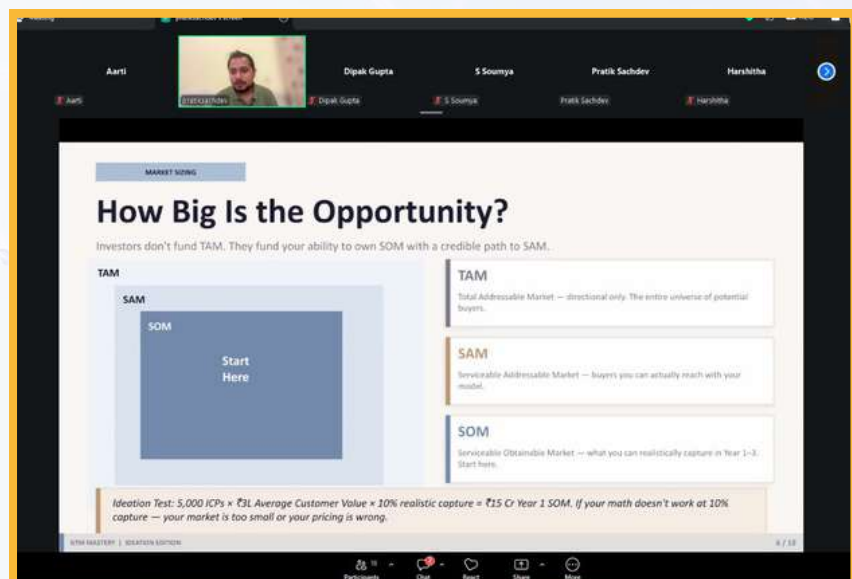
Session on “GTM MASTERY” was Successfully Concluded under the Entrepreneurship and Leadership Development Program - Cohort2.0



The session was conducted in collaboration with Moonpreneur India Pvt. Ltd. The aim of the session was to help participants understand how to take a product to the market in the right way.

During the session, different go-to-market strategies were discussed, including how to identify the right audience, plan product launches, and choose the best channels to reach customers. Real examples were also shared to make the concepts easy to understand. Participants also learned about pricing, positioning, and how to build a strong market presence. The session was interactive and gave useful insights that can be applied in real startup journeys.

Sessions like these show the Centre's continuous efforts to guide young innovators and help them move closer to building successful ventures.



STUDENT VISIT AND DEMONSTRATION AT THE CII CENTRE LABS

NURTURING YOUNG TALENTS



The CIL Innovation & Incubation Centre organized a demonstration of facilities at the CII Centre Labs along with showcasing the innovative products developed at the CIL Innovation & Incubation Centre for the students. This event helped students gain valuable insight into advanced technologies, research laboratories, and innovative projects, which helped inspire in them curiosity and interest in science, technology, and entrepreneurship.



DELEGATES' VISIT

VISIT OF DELEGATES FROM DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION (DRDO)



The CIL Innovation & Incubation Centre at IIT (ISM) Dhanbad hosted a delegation from the Defense Research & Development Organisation (DRDO) Bangalore. During their visit to the centre, they were given a tour of the lab, models that were being worked on, and also got an insight into startups developed through different incubation programmes.

Delegates also went through various projects of startups, which mostly include sustainability, automation, and digital technologies. This visit provided delegates with ample opportunity for discussions and exchanging ideas, with VR being the topic of discussion.

WORKSHOP

"Two Days Workshop on Virtual Reality (VR)"

The program got a very good response, with more than 70 students registering. It showed that participants were really interested in learning and trying out these technologies in a practical way.



The CIL Innovation & Incubation Centre, IIT (ISM) Dhanbad, conducted a two-day workshop on Virtual Reality (VR). The workshop helped participants understand the basics of VR and how it is used in real-life situations.

During the sessions, participants got the opportunity to try VR tools, watch live demonstrations, and understand how virtual environments are created. The workshop was interactive and provided hands-on exposure, helping participants relate their learning to real-world applications. It also highlighted how VR can be used in different fields, including mining and engineering.



The program ended with a certificate ceremony, where participants were recognized for completing the workshop and taking an active part in the sessions.

REVIEW MEETING

Employee Performance Review for the year 2025-2026

The performance review of the employees of the CII Centre for the year 2025-2026 was conducted on 25th March 2026. As part of the process, all team members shared a summary of their achievements through presentations.



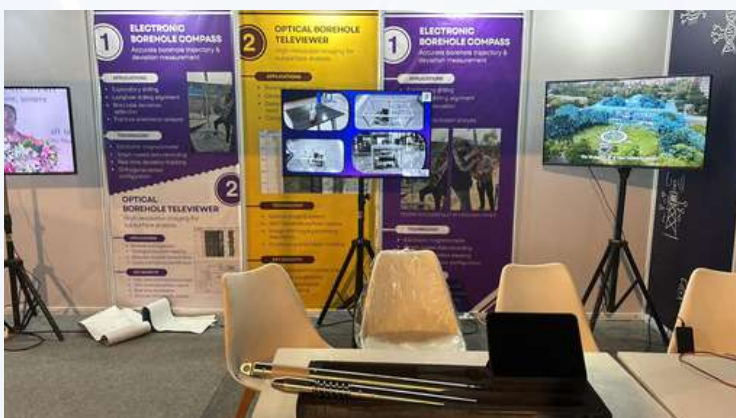
The review provided a good opportunity to look back at the work done during the year, discuss progress, and highlight important contributions. It also helped in understanding areas of improvement and planning for the coming year.

DISPLAY OF CII CENTRE PRODUCTS AT IITB-MONASH RESEARCH ACADEMY

HIGHLIGHTING CENTRE'S INNOVATION ON A GLOBAL PLATFORM



The CII Centre got an opportunity to showcase its products at the IITB-Monash Research Academy. The visitors showed interest and appreciated the efforts of the innovator who developed these products. It was also a proud moment for the team to present their work to a research and academic audience.



This experience helped us showcase the Centre's work and also opened up chances for future collaboration and learning. It was a positive step to take our ideas to a larger audience.

A NEW STARTUP COMPANY IS PRE-INCUBATED AT THE CII CENTRE

M/s Diagnovate Private Limited is pre-incubated with a project titled “Kaere: Non-invasive diagnostics for Diabetes and respiratory health in mines”



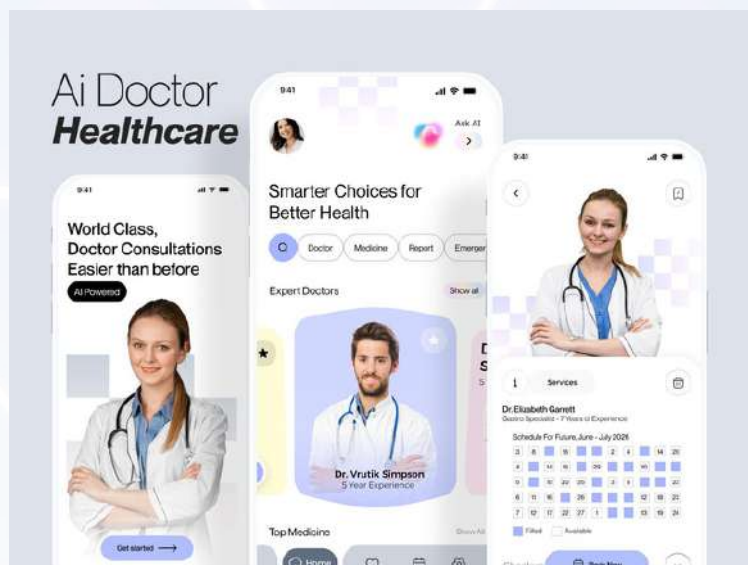
The CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, added a new pre-incubatee, Mr. Achyut Agrawal of Diagnovate Pvt. Ltd. His project has been selected by the Standing Project Evaluation Committee (SPEC) for pre-incubation, along with seed funding support of up to ₹5.0 lakh.

In this project, Kaere is used as a non-invasive breath-based diagnostic platform that can measure both blood glucose levels and lung health accurately from exhaled breath.

The innovative aspect of this project is the development of a portable, affordable, and multi-disease breath analyzer that helps in overcoming the challenges of pain and compliance associated with monitoring diabetes patients while enabling screening for respiratory diseases including asthma, COPD, tuberculosis, and mining-associated lung diseases. By combining the use of dual sensor hardware and predictive analytics, Kaere seeks to convert breath to a diagnostic report.

The inclusion of this project in the Centre’s incubation program reflects its commitment to supporting technology-driven startups and encouraging innovative solutions to industry challenges.

M/s Augsidius Health Technologies Private Limited is pre-incubated with a project titled “Augmented Intelligence System for Rapid Decision Support of Doctors - Clinestra Mine Care Pathway - Connecting Screening, Doctors, and Care Continuity powered by Artificial Intelligence”



The project “Clinestra – MineCare Pathway” by Dr. Akhila Kosuru of Augsidius Health Technologies Private Limited has been selected by the Standing Project Evaluation Committee (SPEC) for pre-incubation along with seed funding support of up to ₹5.0 lakh under the incubation program of the CIL Innovation & Incubation Centre.

The project focuses on improving healthcare management for mining workers and their families, who face respiratory diseases, chronic illnesses, and other occupational health issues. It aims to address challenges such as non-standardized health screening, paper-based documentation, limited health records, and dependence on manual healthcare processes across mining areas.

To address these challenges, the project introduces “Clinestra – MineCare Pathway,” a digital healthcare and documentation platform designed to improve health screening, record management, and continuity of care. The platform features AI-enabled health screening, voice-enabled digital documentation, doctor-defined care plans, AI-supported patient guidance, and structured follow-up systems.

The addition of this project to the Centre’s incubation program highlights its continued support for technology-based startups and innovative solutions for industry-related challenges.

OUR TEAM

“We operate from 9:00 AM to 10:00 PM on all days
except declared holidays”



Prof. R.K Sinha
Head of the Centre



Mr. Rahul Raj
Executive Officer



Mr. Deepak Kumar
Technical Assistant



Mr. Binod Kumar
Technical Assistant

OUR TEAM

“We operate from 9:00 AM to 10:00 PM on all days
except declared holidays”



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