



CIL Innovation & Incubation Centre IIT ISM (Dhanbad)

Quarterly Newsletter

July - September 2024

FROM THE HOC'S DESK



It gives me immense pleasure to present the Quarterly Report of the CIL Innovation & Incubation Centre, IIT (ISM) Dhanbad. This newsletter contains all the activities of center from July 2024 to September 2024.

The month from July to September 2024 has been marked by a series of events. The Department demonstrated the facilities, products, and equipment of the CII Centre to the students, executives and other guest on their visits.

The CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, organized a seminar with the participation of 32 students and conducted several training programs to enhance technical and entrepreneurial skills. A hands-on training program on "Real-Time Spectrum Analyzer and Source Meter" provided practical exposure to advanced analytical instruments. Additionally, a "Two-Day Virtual Reality Skill Development Program" was successfully organized, attracting 90 student registrations and offering insights into immersive technologies.

The Centre also collaborated with Moonpreneur to offer training and mentoring programs in entrepreneurship and leadership development, including the Entrepreneur Excellence Program for students, startups, and entrepreneurs.

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Students Visit



Brief demonstration of the facilities of CII Centre Labs and showcasing the products developed in the CIL Innovation & Incubation Centre to the GETs of Hindalco

A brief demonstration of the laboratory facilities and showcasing of the innovative products developed at the CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, was organized for the Graduate Engineer Trainees (GETs) of Hindalco Industries Limited during their visit. The visit provided an overview of the Centre's research infrastructure and innovative developments in the field of mining and technology. The demonstration highlighted the Centre's ongoing efforts toward fostering innovation and supporting startup-driven solutions for industrial challenges..





Students Visit



Demonstration of the facilities of Labs, and showcasing the products developed in the CIL Innovation & Incubation Centre to the Students of DAV Public School (Bokaro)

A demonstration of the laboratory facilities and showcasing of innovative products developed at the CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, was organized for the students of DAV Public School, Bokaro during their educational visit. The visit aimed to provide the students with an overview of the Centre's state-of-the-art infrastructure, research capabilities, and the innovative technologies being developed by startups and incubatees. The demonstration offered the students valuable exposure to real-world applications of science, technology, and innovation, inspiring them to explore creativity and entrepreneurship as part of their future learning journey.





Students Visit



Brief demonstration of the facilities of CII Centre Labs and showcasing the products developed in the CIL Innovation & Incubation Centre to the Students of DAV Koyla Nagar, DPS, Kendriya Vidyalaya No. 2, and Sri Chaitanya Techno School Dhanbad under the Vigyan Jyoti Program of DST.

A brief demonstration of the laboratory facilities and a showcase of innovative products developed at the CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, was organized for students of DAV Koyla Nagar, DPS, Kendriya Vidyalaya No. 2, and Sri Chaitanya Techno School, Dhanbad, under the Vigyan Jyoti Program of the Department of Science and Technology (DST). The visit aimed to inspire students by providing exposure to advanced technologies, research infrastructure, and innovation-driven activities at the Centre, encouraging them to explore careers in science, technology, and innovation.





Delegates Visit



Brief demonstration of the facilities of CII Centre Labs and showcasing the products developed in the CIL Innovation & Incubation Centre to the delegates of CIL

A brief demonstration of the laboratory facilities and showcasing of innovative products and prototypes developed at the CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, was organized for the delegates from Coal India Limited (CIL). The visit provided an overview of the Centre's cutting-edge infrastructure, research capabilities, and its ongoing initiatives to promote innovation and entrepreneurship in the mining sector. The delegates were introduced to various startup-driven solutions and technologies developed within the Centre, reflecting its commitment to fostering industry-oriented research and sustainable technological development.





Delegates Visit



Brief demonstration of the facilities of CII Centre Labs and showcasing the products developed in the CIL Innovation & Incubation Centre to the employees of SECL on 27th August 2024.

A brief demonstration of the laboratory facilities and showcasing of innovative products developed at the CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, was organized for the employees of South Eastern Coalfields Limited (SECL) on 27th August 2024. The visit provided an overview of the Centre's advanced infrastructure, ongoing research initiatives, and startup-driven technological developments aimed at addressing industry challenges. The demonstration reflected the Centre's continuous efforts to foster innovation, promote collaboration, and support technology-based solutions in the mining sector.

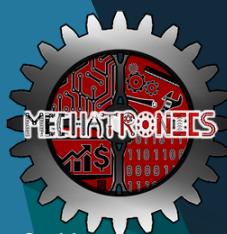




Seminar



Concluded a successful seminar on "Recent Trends in Mechatronics" at the CIL Innovation & Incubation Centre, IIT (ISM) Dhanbad, on 9th August 2024. A total of 79 students has registered for this event.



A seminar on “Recent Trends in Mechatronics” was successfully concluded at the CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, on 9th August 2024. The seminar aimed to provide insights into the latest developments, applications, and research advancements in the field of Mechatronics, bridging the gap between mechanical systems, electronics, and intelligent control. A total of 79 students registered for the event, gaining valuable exposure to emerging technologies and industry trends. The session reflected the Centre’s commitment to fostering technical learning and promoting innovation-driven education among students.





Training Program



A Training program on “Real-Time Spectrum Analyzer and Source Meter” was conducted at CIL Innovation & Incubation Centre on 31st August 2024



A training program on “Real-Time Spectrum Analyzer and Source Meter” was conducted at the CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, on 31st August 2024. The program aimed to provide in-depth knowledge and practical exposure to the use of advanced testing and measurement instruments essential for research and product development. Participants were introduced to the functionalities, data interpretation techniques, and industrial applications of the Real-Time Spectrum Analyzer and Source Meter. The training session strengthened the participants’ technical expertise and aligned with the Centre’s ongoing efforts to promote innovation, hands-on learning, and skill enhancement in emerging technologies.





Training Program



"Two-Day Virtual Reality Skill Development Program" was conducted at the CIL Innovation & Incubation Centre on 28th and 29th September 2024. A total of 90 students have registered for this event



A Two-Day Virtual Reality Skill Development Program was conducted at the CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, on 28th and 29th September 2024. The program aimed to provide participants with a foundational understanding of Virtual Reality (VR) technology, its real-world applications, and hands-on experience in developing immersive virtual environments. A total of 90 students registered for the event, reflecting their strong interest in emerging technologies and digital innovation. The program concluded with the distribution of certificates to all participants, recognizing their successful completion of the training and their enthusiasm for learning new-age technological skills.





Collaborations



Collaborated with Moonpreneur to offer various training and mentoring programs related to Entrepreneurship and Leadership Development, like the Entrepreneur Excellence Program for existing and aspiring students, startups, and entrepreneurs.

Benefits: An outreach event to promote innovation and startups can be organized jointly, and the revenue generated can be shared between the two parties

The CIL Innovation & Incubation Centre (CII Centre), IIT (ISM) Dhanbad, collaborated with Moonpreneur to offer a range of training and mentoring programs focused on Entrepreneurship and Leadership Development, including the Entrepreneur Excellence Program for existing and aspiring students, startups, and entrepreneurs. This collaboration aims to nurture innovative thinking, business acumen, and leadership qualities among participants through expert-led sessions and practical learning opportunities. As part of this collaboration, joint outreach events can be organized to promote innovation and startup culture, with the revenue generated shared between both parties. This partnership strengthens the Centre's mission of empowering the next generation of innovators and entrepreneurs through strategic industry collaborations.





Team Profile



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