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PRESS RELEASE

CMPDIL experts apprise start-ups of TEXMiN about the pertinent problems faced by mining industry and sought out of box solutions of the same from them during upcoming Hackathon

A team of Central Mine Planning and Design Institute Limited (CMPDIL), the Ranchi based coal India subsidiary visited TEXMiN the mining technology innovation hub of IIT (ISM) on yesterday (June 14, Wednesday) and interacted with young innovators working under different startups there, apprising them about the different problems faced by Mining industry, including the dust in open cast mines and guided them to find solutions of the same through innovative ideas.

The team comprising of Shri Milan Sen, Chief Manager, and another senior executive Shri Dhiraj Kumar who spent more than six hours at the centre tipped the startups representatives about the problem statements for the upcoming Hackathon on R&D in Coal Mining Sector scheduled in September.

Prof Dheeraj Kumar, Deputy Director and Project Director, TEXMiN who was also present during the interaction of CMPDIL team also guided the young innovators and apprised the team about the ongoing R&D activities of TEXMiN.

Notably, CMPDI is expecting out of box solution of the pertinent problems of the Mining Industry through the Hackathon and exhorted the startups to send maximum number of proposals.

The submission of proposal for the Hackathon began on June 12 and last date of submission of proposal is August 12 while the declaration of results will be on September 8.

The problem statements for the Hackathon include, payload monitoring of loading equipment displayed in operator's cabin; optimization of dust suppression in open cast mines; design, development and implementation of Pilot 5 G Application and use cases of coal industry; technology to detect the effect of blasting on propagation of cracks in structures; and technology for efficient management of coal grade the monitoring.

The team during their stay at the institute also inspected the different facilities of TEXMiN including, 3D immersion, mine automation learning centre, remote sensing & geo spatial excellence centre, mining technology excellence centre, graphene excellence centre, various other services like real time mine monitoring, tracking solutions, flood risk management, AI enabled mining activities monitoring, automation etc

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