



# भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद Indian Institute of Technology (Indian School of Mines), Dhanbad

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## Press Release

### **TEXMiN, IIT (ISM) inks MoU with MOIL to develop commercially feasible solutions for Mineral Exploration**

Technology Innovation in Exploration & Mining Foundation (TEXMiN), IIT (ISM) signed a MoU with MOIL, a miniratna state owned Manganese ore mining company to develop commercially feasible solutions for the mineral exploration & mining domain using cyber physical system.

Prof JK Pattanayak, Director IIT (ISM) led the IIT (ISM) team during the MoU signing ceremony which took place at Goa on December 17 while the MOIL team was led by Shri AK Saxena, Chairman cum Managing Director (CMD), MOIL.

Prof Dheeraj Kumar, Deputy Director, IIT (ISM) & Project Director, TEXMiN signed the MoU on behalf of TEXMiN, IIT (ISM) while Shri MM Abdulla, and Director (Production & Planning) signed the MoU on behalf of MOIL.

Prof VMSR Murthy & Prof DP Mishra of Mining Engineering Department of IIT (ISM), Suraj Prakash CEO TEXMiN and Muhammed Danish, Chief Business Development Officer, TEXMiN were also present from IIT (ISM) while Shri P Karaiya, Executive Director (Tech), MoIL Limited and other dignitaries were from the side of MOIL.

"The signing of the MoU marks the consolidation of a true partnership" said Prof Dheeraj Kumar and added that the timing of MoU is right.

"We must seize the opportunity to harness the exploration momentum, what we term as- **Exploration 4.0**" further said Prof Kumar and added that the event marks the beginning of a renewed partnership and long-term collaboration between our institutions "further said the IIT (ISM) Deputy Director.

"It is building on past cooperation which resulted in few tangible outcomes and now with TEXMiN, certainly it would be milestone for both the institutions" summed up Prof Dheeraj Kumar.

"The declaration of our partnership commitment comes at an opportune moment" said Suraj Prakash, CEO TEXMiN.

"Prospects for India's mineral exploration are attracting widespread attention following implementation Joint Comprehensive Plan of Action between the exploration agencies" added Prakash.

"Indeed, this agreement with MOIL is a significant milestone in our ongoing collaboration towards Development of AI/ML/Deep Learning based Non-destructive Technologies for Mineral Exploration" further said Prakash.

"Now is the right moment to strengthen our cooperation and enhance our dialogue" opined, Suraj Prakash.

Rajni Singh

**Dean (Corporate Communications)**