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## **PRESS-RELEASE**

**Geologists, Researchers and Mining Executives from across the country congregated at IIT (ISM) learn the nuances of nature, recovery and uses of Critical Minerals during the week long workshop, which kick started today.**

Altogether 45 Geologists, Geophysicists, Mining Executives and Researchers from academia, industry and research organizations from across congregated at IIT (ISM) for the one week workshop **on Critical Mineral; Nature, Recovery and Uses**, which began today, got the opportunity to further decode the nature, usage and recovery process of the critical minerals from eminent experts, including top Geologists, Directors of Mines and Mineral Exploration Bodies as well as the Scientists and Senior faculty members.

The inaugural day of workshop being organized by Exploration Geology Lab of Department of Applied Geology of IIT (ISM) Dhanbad during which Mr Joshua Bamford, Head, Tech and innovation of British High Commission was present as Chief Guest, witnessed two lectures including one on **Climate Vs Energy: How to tackle the greatest challenge of Humankind** delivered by Professor R Anand Anand, Associate and Professor of Department of Applied Geology and another lecture on Exploration Potential and Advanced Technologies for Critical Minerals by Dr Addepali Kashivishwanadham, Associated General Manager, Hinustan Zinc Ltd.

Mr Joshua Bamford, meanwhile also delivered an insightful lecture on UK-India Partnership in Critical Minerals Exploration.

Earlier speaking during the inaugural function as Chief Guest, he threw light on the historic relations between India and UK and also lauded the Government of India for maintaining and further developing IIT (ISM), established way back in 1926 on the line of Royal School of Mines.

“While IIT (ISM) has maintained its identity, Royal School of Mines in London is now part of Imperial College of London and solitary college dealing with teaching exclusively in this regard at Present in UK is Camborne School of Mines, established in 1988” said Bamford.

Prof Dheeraj Kumar, Deputy Director of IIT (ISM) who presided over the function as Director in Charge threw light on the significance of such a workshop at a time when critical minerals role is increasing day by day for its usage in modern day technology.

Extending thanks of Ministry of Earth Sciences for extending support in organizing the workshop he said, “The GOI has identified 30 minerals as critical mineral through the Mines and Minerals (Development & Regulation) Act, 2023 while in UK 18 mineral have been declared as Critical Minerals, EU has declared 34 minerals and Canada declaring 31 Minerals as critical one”

“GOI has also announced leasing out of 20 blocks of Minerals to private parties out of which lease for four blocks has been given for mining purposes which composite lease of 16 mines have been provided” said Prof Dheeraj Kumar and added that with focus on clean energy, including the solar energy we will require exploration of more reserves of Critical Minerals.

Sahendra Singh of Department of Applied Geology who is also the coordinator of the course, during the welcome address apprised the participants about the significance of course and also about the history of IIT (ISM).

Prof AK Bhaumik, HoD (In-charge) Applied Geology during his address apprised the participants about the courses being conducted by his and also gave details of various facilities of the Department, including Geological Museum etc.

Notably, altogether 45 representative from Industry, Academia and Research organizations including NMDC; CIMFR, IIT Kharagpur, IIT Bombay etc are participating in the workshop during which eight invited speakers will deliver talks.

Rajni Singh  
***Dean (Corporate Communications)***