

For Immediate Release: June 25, 2024

## **PRESS-RELEASE**

### **Six Weeks Intensive Course on Advances in Mine Surveying Technology kick starts at IIT (ISM); 82 mine surveyors of various subsidiaries of CIL get acquainted with advances in Mine Surveying Technology**

Altogether 82 mine surveyors from various subsidiaries of Coal India Limited (CIL), including Bharat Coking Coal Limited (BCCL), Eastern Coalfields Limited (ECL), Central Coalfields Limited (CCL), Western Coalfields Limited (WCL), Mahanadi Coalfields Limited (MCL), North Eastern Coalfields Limited (NECL) got acquainted with the nuances of Mine Surveying technology as part of a **Six Weeks Intensive Course on Advances in Mine Surveying Technology** that was inaugurated today by Prof Sukumar Mishra, Director IIT (ISM) as Chief Guest at Executive Development Center of the institute.

The course being conducted in order to apprise mine surveyors about Geodesy, Remote Sensing, Geographical Information System (GIS), Slope Stability and Subsidence Monitoring etc is organized by Department of Mining Engineering of IIT (ISM) in association with TEXMiN Foundation, a section 8 SPV of IIT (ISM), meant to carry out activities of Technology Innovation Hub (TIH).

Addressing the participating Mine Surveyors that included a couple of surveyors of private mine excavators, Prof Sukumar Mishra threw light on the significance of Mine Surveying in ensuring safety and resource management in mining operations, through the process of measurement, mapping and management of underground and surface mines.

“Accurate measurement of shaft, tunnels, underground workings etc helps to prevent mishaps like inundations, roof fall and equipment damages” said the IIT (ISM) Director and added that advance technologies like Satellite Imagery, Drones and Aerial LiDAR can help to detect changes in surface etc .

Prof Dheeraj Kumar, Deputy Director IIT (ISM) who was also present during the inaugural function as course coordinator apprised the gathering of mine surveyors congregated at the institute that apart from the lectures and tutorials, discussion, excursion, and extensive field visit to the underground mines will be conducted as part of the course.

Prof Devi Prasad Mishra, Head Department of Mining Engineering in his address to the participating mine surveyors, appealed them to take maximum advantage of the six weeks course being organized with the aim of sharpening their mine surveying skills.

Associate Professor of Mining Engineering Department, Prof Vasanta Govind Kumar Villuri who was also present during the inaugural function as one of the two course co coordinators along with Prof Mohammed Soyeb Alam said that such courses are periodically organized for the mine surveyors in order to train them about the usage of latest technologies in mines surveying and majority of participants, this time have over 10 years of experience in respective organizations.

Rajni Singh  
**Dean (Corporate Communications)**