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PRESS RELEASE

Six week intensive course on Advances in Mine Surveying Technology begins at IIT (ISM)

Altogether 68 participants from various subsidiaries of Coal India Limited (CIL) including, BCCL, CCL, ECL, WCL, NCL, SECL & MCL congregated at IIT (ISM) today to participate in the **Six week Intensive course on Advances in Mine Survey Technology** being conducted by Department of Mining Engineering of the institute, which began today.

The course, being coordinated by Prof Dheeraj Kumar, Deputy Director of IIT (ISM) who is also the Professor in Charge of Mine Surveying Section of Department of Mining Engineering based on lectures, tutorials, discussions, practical, excursions and extensive field work is aimed to update the knowledge of surveyors, teachers and executives in Mine Surveying about modern surveying instruments and technologies.

The course which was inaugurated today by Prof J K Pattanayak at Executive Development Centre of IIT (ISM) in presence of Prof Dheeraj Kumar; Prof Sagar Pal, Dean (R&D); Prof DP Mishra, HoD (Dept of Mining Engineering) and Course Co Coordinators Prof VGK Villuri and Prof Soyeb Alam will cover topics like Modern Instruments, Precise Control Surveying, Topographical Surveying, Correlation Survey, Subsidence Surveying, Monitoring of Slopes.

The six week training that will continue till October 6 will also cover the topics like Usage of Global Positioning System in Mine Surveying, Map Projection and Connection to National Grid, Survey legislation, Open Cast Mine Surveying, Scanning and Plotting, Georeferencing and Raster map/plan, georeferencing of digitizing old map.

Divulging more details, Prof Villuri said, "this one is biggest training of its kind in mine surveying technology in terms of number of participants and we will be using the latest instruments and technologies to apprise the participants about the changes that have taken place at global level in Mine Surveying Technology.

Detailed knowledge about the usage of different instruments, including, Microptic Theodolites, Auto set and precise levels, 3 D laser scanners, LIDAR & DRONE, Gyromat 3000 and Gyro-Theodolites, Nadir Plummet and Laser Aligners, EDMs and Total Station System.

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