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PRESS RELEASE

Two different team of IIT (ISM) students emerge winners during Open Day Laboratory Visit and Science Exhibition program held at CSIR-CIMFR for their innovative technological projects

Two different teams of IIT (ISM) students emerged winners during the Open Day Laboratory Visit and Science Exhibition held at Council of Scientific & Industrial Research (CSIR)-Central Institute of Mining and Fuel Research (CIMFR) on August 24.

The team of B Tech Final Year Students including Santu Kumar (Mining Engineering) and Ainum Ayub (Petroleum Engineering) emerged winner for developing a model of Electronic Borehole Compass the other team of B Tech 2nd year Mining Engineering students including Advaya Singh and Om Shandilya bagged the third position for their prototype of 360 degree Mine Simulator.

Giving details, Prof Pankaj Mishra, Acting Dean (Innovation, Incubation & Entrepreneurship), IIT (ISM) said, “the Prototype of **Electronic Borehole Compass** developed by team of Santu Kumar and Ainum Ayub is an indigenous device with RoHS Compliance to continuously measure and analyse borehole deviation data by using high speed interfaces for first data communications with a maximum data output rate of 200 Hz.

The second of team of IIT (ISM) comprising of Advaya Singh and Om Shandilya which also won the 3rd prize during the event displayed the model of 360 Degree Mine Simulator which is based on Virtual Reality Technology, intended to create a fully interactive artificial Mining Environment. It provides the feeling of real life mining conditions with usage in Mine Safety training.

The program organized as part of nationwide “One Week, One Lab” campaign initiated by Honourable Prime Minister, Shri Narendra Modi is aimed at providing a unique opportunity to students to showcase some of the remarkable technological breakthrough and innovations.

Rajni Singh

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