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PRESS RELEASE

Day of hands on experience in developing robots, fabrication of batteries and much more for the 75 students of Dhanbad Public School at IIT (ISM) Dhanbad during the second day of Lab visit.

Altogether 75 students of Dhanbad Public School (DPS), a leading CBSE affiliated school of Dhanbad had a hands on experience in developing robots, fabrication of pouch batteries, designing of games at the innovation centre of IIT (ISM) today besides which they learnt about usage of artificial intelligence and machine learning for smart, safe and sustainable mining.

The occasion was the day -2 of the laboratory visit programme for the school students of IIT (ISM), an initiative of the Media & Branding office of the institute under the K-12 outreach programme, which is intended to inspire young minds to explore, careers in Science, Technology, Engineering and Mathematics.

The visiting students, delved deep into the nuances of working of the state of art equipments being used in the myriad of laboratories of different innovation centers situated in the I2H building, including Naresh Vashisht Centre for Tinkering and Innovation (NVCTI), the tinkering and innovation hub for undergraduate students; TEXMiN, the mining technology innovation hub and the Atal Community Innovation Centre (ACIC), the innovation hub meant for solving community related problems.

The day began during the morning, with Prof Pankaj Mishra, Dean (Innovation, Incubation a& Entrepreneurship) giving a brief description of the different laboratories and equipment situated in the I2H building to visitors.

He also apprised the students about the nitty gritty of Jharkhand School Innovation Challenge (JH-SIC) the biggest innovation challenge being organized by NVCTI, IIT (ISM) to nurture a sense of creativity and entrepreneurship among school students of class VIII to XII for which the registration process has already started on June 13.

The briefing was immediately followed by laboratory visit under which the students divided into three groups of 25 each moved to these laboratories.

Ramesh Prasad, a technical officer of NVCTI who explained the facilities to the students in the pouch battery station, a facility of NVCTI, equipped with equipments like glove box system, slurry coating machine, calendaring machine etc said, "the students were quite inquisitive during their entire trip of four hours and took interest in the demo of different equipments given in the laboratories"

Amitava Das, a Post Graduate Teacher (Physics) accompanying the students said, "It was life time experience for the students and we will be soon visiting the institute with more students of our school".

Anshuman Upadhyay, a Class X1 student of the school who was part of team visiting the IIT (ISM) laboratories today said “we are simply amazed with the array of equipments being used in the different laboratories at IIT (ISM) and found the institute facilities much more than our expectations”

Rajni Singh

Dean (Media & Branding)