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## PRESS RELEASE

### **51 students of two different schools visit IIT (ISM) laboratories under K-12 Outreach Programme.**

Altogether 51 students of two schools, including 26 of Lions Public School, Sindri and 25 of Holy Mother's Academy, Pradhankhanta today underwent a hands on training in robotics, animation, mining technology innovation in the state of art laboratories of IIT (ISM).

The occasion was the seventh edition of Laboratory Visit for school students organized by Media and Branding office of the institute under K-12 Outreach programme, which aims of inspire and equip the school students to pursue career in Science, Technology, Engineering and Mathematics.

The day started for the visitors with the session in Mechanical Tools and Rapid Prototyping unit where they learnt about the usage of CNC Milling Machine, Mechanical Lathe Machine and CNC Lathe Machine in giving shape to the ideas of innovators in form of prototypes.

The visitors who were accompanied by five teachers, including three of Lions Public School Sindri and two of Holy Mother's Academy, Pradhankhanta later also visited the different facilities of Naresh Vashisht Centre for Tinkering & Innovation (NVCTI) including, Electronics & IOT Centre, Robotics & Automation Centre, Animation & design unit and pouch battery station.

The students also explored the wide range of researches being conducted in the various center of TEXMiN, the Mining Technology Innovation Hub of IIT (ISM) towards realizing the goal of Safe, Smart and Sustainable Mining.

The visitors also explored the facilities at CIL innovation and Incubation Centre and later visited Atal Community Innovation Centre (ACIC), situated in I2h building where they witnessed the ground breaking innovations being carried out under the aegis of different start-ups.

Apurva Kumari, a student of Lions Public School Sindri, said, "It was a wonderful experience for them as they visited Electronics & IOT Centre, Mechanical Tools & Rapid Prototyping unit and also 3-D Imaging centre.

Mr Philip NG, Vice Principal of Lions Public School, who accompanied the students of the school as part of three member team of teachers said, "The visit was quite satisfactory for us and knowledge enriching for students which was evident as their eyes were teeming with a sense renewed energy after the completion of the visit".

Ayush Chandra, a student of Holy Mother's Academy, Dhanbad, while expressing similar sentiments said "The visit rekindled the passion among themselves to make a career in Science, Technology, and Engineering & Mathematics".

Notably, the laboratory visit of School students being conducted on each working Friday under the K-12 Outreach Programme began on June 23 and so far students of 11 schools have visited the institute.

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