

## **REPORT ON VISIT TO NATIONAL SCIENCE CENTRE**

To develop and nurture creative innovators and upgrade an aptitude for Science and Technology, 'Innovation Festival 2023' was organised by National Science Centre, Delhi on 25th & 26th March, 2023.

Students from Classes X, XI and XII along with Ms Vibha Jain (PGT-Chemistry) visited the same on 25 March 2023. An array of projects was displayed in the Innovation Fair. The main highlights of fair were 'EBO KIT' to find the ECG with the help of aurdino sensors and programming. Another project named 'A SHOE' designed with sensors for the safety of women and children was also exhibited.

Students' efforts to develop the prototypes to deal with the problems of differently abled people was really commendable and an example of unique design thinking. Another innovation 'SANKET' a type of glove, became a major attraction of the event. This is a glove which will enable deaf and dumb people to express themselves with the help of sensors. Also 'TASE' (The All Seeing Eyes) a device designed with sensors was showcased. This innovation will help visually impaired to convert signals into texts in their mobiles with the help of blue tooth.

Projects like Conservation of Energy, Conservation of Water, Soil Moisture Sensor, Clean Drinking Water for all, Native Thermal Bedding for the prevention of Neo Natal Hypothermia were also among the main highlights. Such projects will harness sustainability.

Such visits create curiosity and zeal for further innovations.

Glimpses of projects are in the link given below.

<https://drive.google.com/drive/folders/1jDKSrlLivJV4LxuHSOUJQ7wr-xoIB-f9>



*Soil Humidity control device*



*Young minds visiting NSC to explore the innovations*



*Prototype for Entry and Exit to maintain Social Distancing*



*EBO-Kit To measure the ECG using sensors*

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