



REPORT EDUCATIONAL TRIP TO DEHRADUN GRADE XII SCIENCE STREAM

An outstation educational trip for grade XII science students to IIP (Indian Institute of Petroleum) and UPES (University of Petroleum and Energy Studies), Dehradun was conducted 20th and 21st April 2023.

A total of 49 students and 4 teachers departed by road in AC volvo bus at 06:00 hours on Thursday 20 April 2023. After breakfast enroute at stopover restaurant reached IIP at 13:00 hours. Post lunch an interactive session was held in which students were told about all the research work undertaken by the different departments in IIP. Next students visited (in groups of 25) various laboratories dealing in biogenetics, biodiesel generation plant and a big plastic recycling unit. In each laboratory they were explained about all the equipment/ apparatus and informed about the patents credited to IIP researchers.

Departed from IIP at 17:00 hours to reach UPES at 18:00 hours. Post tea students attended a lecture session about the different courses being offered by UPES, the admission procedure and scholarships granted to meritorious students. This was followed by a visit to the aerospace laboratory where children observed the sky through a high-definition telescope.

For the night stay students were allotted triple sharing rooms in separate hostel for boys and girls. They interacted with the seniors in the campus and had dinner and breakfast in the hostel mess.

Next day 21 April 2023 the students undertook a campus tour of UPES visiting laboratories in automation, 3D printing, aerospace etc. They had a hands-on activity of making parachute (in groups of three) followed by a competition to see their time and position of landing in which the winner and first and second runner up teams were announced. Post lunch, departed from UPES campus and reached FRI (forest research institute) for a quick stopover to visit the main campus building and grounds.

Departed from Dehradun at 17:00 hours and after a dinner and stopover restaurant reached back to Suncity school at midnight of 21 April 2023.

It was a fun filled learning experience for the students wherein they got to visit laboratories involved in research in different fields of Physics, Chemistry and Biology and interacted with each other, seniors and teachers outside of a conventional classroom setting.

We thank our director maam for giving us this opportunity.

