

## Visit of JNV Solan Girl Students under Vigyan Jyoti Programme

As a part of Vigyan Jyoti Programme (an initiative launched by the Department of Science & Technology (DST)), the girl students of class 10 to 12 from JNV Solan visited JUIT, Wagnaghat on Monday, 7<sup>th</sup> March, 2022. 100 students along with 5 teachers reached the campus at around 10:30 AM. Dr. Ekta Gandotra, Zonal Officer, Vigyan Jyoti Programme, spoke about career opportunities available to them. They were then split into two groups and taken to several JUIT departments, including Computer Science & Engineering and Information Technology, Biotechnology/Bioinformatics, Civil, Electronics and Communication, and Physics department.



They went to the Computer Science & Engineering and Information Technology departments' labs to learn about the softwares and projects that JUIT students are working on. They were also taken to JUIT's Technology Incubation and Entrepreneurship Development Cell (TIEDC), where they were inspired by Dr. Deepak Gupta about start-ups and entrepreneurship.



Dr. Hemant Sood coordinated the visit of students to the department of Biotechnology and Bioinformatics. They visited the departmental laboratories where they were informed about different biotechnological techniques and instruments along with facilities used for academic and research projects. The students had received an overview of Biotechnological and Bioinformatics aspects like Plant biotechnology, Microbiology, molecular techniques including PCR etc.



Lunch was served to all students and teachers at JUIT's Annapurna (Mess). They also enjoyed a round of the entire campus after lunch.



Mr. Chandrapal Gautam coordinated the visit of students to the Civil department. They were made to visit the Concrete lab, Highway lab, Environment lab, Workshop Lab, Mechanics & Survey Lab, Fluid Lab and CAD lab. They were also given live demonstrations of a few lab tests of the Concrete and Environment Engineering labs.



The visit to the Electronics and Communication Engineering department was organised by Ms. Pragya Gupta. The students were made to visit the labs where they were given the brief idea about the recent technologies being used in the field of Electronics. They were acquainted with the future scope of Electronics and Communication Engineering to motivate them to pursue their career in this area.



Visit to Physics lab was coordinated by Dr. Sanjeev Tiwari where he demonstrated the following experiments to the students.

- Diffraction of laser light from sharp edge of blade.
- Diffraction from human hair
- Diffraction from DVD



Around 4:45 p.m., the students joyfully exited the campus.

