

## Visit of JNV Solan Girl Students under Vigyan Jyoti Programme (Friday, 7<sup>th</sup> October, 2022)

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 Friday, 7<sup>th</sup> October, 2022. 104 students along with 4 teachers reached the campus at around 10:40 AM. Dr. Ekta Gandotra, Zonal Officer, Vigyan Jyoti Programme, welcomed them and spoke about career opportunities. They were then split into two groups and taken to different departments of JUIT, including Computer Science & Engineering and Information Technology, Biotechnology/Bioinformatics, Civil, Electronics and Communication, and Physics department.



They visited Computer Science & Engineering and Information Technology departments' labs to learn about the softwares and projects that JUIT students are working on. Mr. Rohit and Dr. Avani Vyas briefly introduced about the various parts of a computer system and computer configuration. Dr Avani Vyas also discussed about the various uses of computer and related job opportunities.



Dr. Jata Shankar and Dr. Shikha Mittal coordinated the visit of students to the department of Biotechnology and Bioinformatics. The students were made to visit different labs such as Plant Tissue Culture Lab by Dr. Hemant Sood; Bioinformatic lab by Dr. Shikha Mittal, and The Genomics lab by Dr.

Jata Shankar where they were informed about different biotechnological techniques and instruments along with facilities used for academic and research projects.



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





Dr. Sugandha and Mr. Chandrapal Gautam coordinated the visit of Civil department labs. The students 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 Dr. Salman Raju Talluri and Mr. Kamlesh Kumar Srivastav. The students were made to visit the various labs, such as the Basic Electronics Lab, Advance Communication Lab, and Industrial Automation Lab etc. They performed an experiment on the measurement of electric power, voltage, current and kilowatt-hour in the Electrical Science Lab.



Visit to Physics lab was coordinated by Dr. Ragini Raj Singh and Mr. Kamlesh Mishra who interacted with the students, discussed various physics concepts and answered many exciting queries from the students. It is rightly said that "See & know' is better than 'read & learn' which was evident from their enthusiastic verbal feedback. They also demonstrated various optics experiments to the students.



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

