



**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY**  
WAKNAGHAT, P.O. – WAKNAGHAT,  
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)  
PIN – 173234 (INDIA) Phone Number- +91-1792-257999  
(Established by H.P. State Legislature vide Act No. 14 of 2002)



## **Report on Career Counseling Sessions at Mount Shivalik Public School Jubbarhatti, Shimla**

**Date:** 23 Novemeber,2024.

**Dr.Hemant Sood** (Professor, BT and BI) and **Dr. Nishant Jain** (Assistant Professor,ECE) took career counseling sessions for Mount Shivalik School students on November 23, 2024. Dr Hemant opened the session by providing insight to the students about choosing a career path in medical and non-medical streams. S he mentioned that **Biotechnology** involves the use of living organisms or biological systems to develop products and technologies for various sectors, including healthcare, agriculture, and environmental conservation. Career opportunities in biotechnology are vast, encompassing roles in research and development, quality control, regulatory affairs, and production management. **Bioinformatics** combines biology, computer science, and information technology to analyze and interpret biological data. This interdisciplinary field is crucial for genomics, proteomics, and personalized medicine advancements. Bioinformatics careers include data analysts, bioinformatics scientists, computational biologists, and software developers for biotech and pharmaceutical companies, research labs, and academic institutions.

Dr Hemant mentioned different UG programs run in the department and in the different departments like Civil Engineering, Physics, Maths ,HSS and CSE of Jaypee University of Information Technology. **Dr Nishant appraised** the students about **Electronic and Communication Engineering (ECE) where he elaborated about** the design, development, and maintenance of electronic devices and communication systems. It encompasses areas like telecommunications, signal processing, and embedded systems. Careers in ECE are diverse, including roles in telecommunications companies, consumer electronics, IT firms, and automotive industries. He mentioned about integration of AI in different disciplines and also about entrepreneurship opportunities at JUIT. Sessions of Vedic Mathematics was also conducted by student coordinators of **Koshish Club of JUIT** for fast calculations required during JEE and PMT entrances. Dr Hemant Sood concluded the sessions by acknowledging the JUIT administration for providing all support for organizing the event and extended special thanks to Mrs Bharti Sharma,the Principal of the Mount Shivalik School and faculties engaged in the sessions



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