

Report on Industry Talk in Bioinformatics - 9th October 2025

An industry talk on 'Molecular docking and molecular dynamics simulations in drug discovery' was organized by the Department of Biotechnology and Bioinformatics (BTBI), Jaypee University of Information Technology (JUIT), Waknaghat, on 9th October 2025. The invited speaker was Dr. Shamshair Singh, accompanied by Mr. Kshitij Bari, both representing Advent Informatics Pvt. Ltd., Pune. The session commenced with a formal welcome, and the distinguished delegates were felicitated by the Head of Department, Prof. Jata Shankar. The event was coordinated by Dr. Raj Kumar and student coordinator Aarika Jain from the department of BTBI, JUIT.

During the talk, Dr. Singh provided valuable insights into the current trends, industrial applications, and career opportunities in Bioinformatics, highlighting the growing role of computational tools in modern biology, drug discovery, and data-driven healthcare research. Mr. Bari further assisted in addressing technical queries and shared his perspectives on industry-academia collaborations. The interactive session proved highly beneficial, as it was attended by the faculty members of BTBI along with several Ph.D. scholars, who actively participated in discussions and gained exposure to practical aspects of bioinformatics in the professional domain.

The program concluded with a vote of thanks, acknowledging the contributions of the speakers, organizers, and participants. The talk was a fruitful initiative towards bridging the gap between academic research and industrial applications in the fast-evolving field of Bioinformatics.

