



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)



Date: 23 September 2026

Department of Biotechnology and Bioinformatics

Report on Interactive Technical Outreach Program for Class XII Science Students

On behalf of the Department of **Biotechnology and Bioinformatics**(ECE), Jaypee University of Information Technology (JUIT), an interactive technical outreach program was organized on 23 September 2026 for Class XII Science students with the objective of providing career guidance, motivation, and exposure to emerging and frontier technologies.

The program was organized in association with the ECE department of, JUIT, and was conducted at various schools in District Solan, Himachal Pradesh, including:

- Lakshay Public School, Arki
- Boys Government Senior Secondary School, Arki
- Girls Government Senior Secondary School, Arki
- SVN Public Senior Secondary School, Kunihar (CBSE)
- SVN Public Senior Secondary School, Kunihar (HPBOSE)

The technical sessions were designed to provide students with an understanding of emerging technologies and their real-world applications. The major topics covered during the sessions included:

- **Forensic Science and Emerging Technology**
- **Significance of Biotechnology and Bioinformatics in solving real world problems**
- **Robotics and its Applications**
- **Importance and Applications of Artificial Intelligence**

The expert team conducting the sessions comprised:

- Prof. (Dr.) Gopal Singh Bisht, Department of Biotechnology and Bioinformatics, JUIT
- Prof. (Dr.) Rajiv Kumar, Department of Electronics and Communication Engineering, JUIT

The outreach program was managed by Ms. Jyoti Sharma and Ms. Mahak from the Admission Cell, JUIT.

The sessions provided an interactive platform for the students to learn about the latest technological developments, their applications in different domains, and the career opportunities associated with emerging fields. The students actively participated in the sessions and showed considerable interest in the topics discussed. The program was well attended and positively received by students across all the participating schools.



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Prof. (Dr.) Gopal Singh Bisht
Department of Biotechnology and Bioinformatics
Jaypee University of Information Technology
Waknaghat, Distt. Solan (H.P.)

“Photographs of the Program”


