



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)



Department of Electronics and Communication Engineering

Date: 23 September 2026

Report on Interactive Technical Outreach Program for Class XII Science Students

On behalf of the Department of Electronics and Communication Engineering (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 Department of Biotechnology and Bioinformatics (BT/BI), 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:

- **Robotics and its Applications**
- **Importance and Applications of Artificial Intelligence**
- **Forensic Sciences and Emerging Technologies**

The expert team conducting the sessions comprised:

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

The outreach program was supported 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 Department of Electronics and Communication Engineering expresses its sincere gratitude to the **JUIT Management** and the respective **School Managements** for their support and encouragement in organizing the program and motivating students to participate in these knowledge-sharing activities.



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The program was well attended and positively received by students across all the participating schools.

Report Prepared and Submitted by

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“Photographs of the Program”


