



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: 12th June 2026

Report On Outreach Activity

Awareness Programme on Higher Education and Engineering Studies at Jaypee University of Information Technology (JUIT)

Date: 05 June 2026

Time: 11:00 AM – 1:00 PM

Venue: Government Senior Secondary School, Mamleeg, Tehsil Kandaghat, District Solan (H.P.)

Organized By

Department of Mathematics and Department of Biotechnology & Bioinformatics (BI&BT)
Jaypee University of Information Technology (JUIT), Waknaghat, Solan (H.P.)

Resource Persons

- **Prof. Rakesh Bajaj**, Dean of Students & Head, Department of Mathematics, JUIT
- **Prof. Gopal Singh Bisht**, Professor, Department of Biotechnology & Bioinformatics, JUIT

Introduction

As part of its commitment towards community engagement and the implementation of the National Education Policy (NEP) 2020, Jaypee University of Information Technology (JUIT), Waknaghat organized an outreach activity at Government Senior Secondary School, Mamleeg, Tehsil Kandaghat, District Solan on 05 June 2026.

The programme was jointly conducted by the Department of Mathematics and the Department of Biotechnology & Bioinformatics (BI&BT) with the objective of creating awareness among school students regarding higher education opportunities, engineering studies, emerging technologies, and career prospects available through professional education. The outreach initiative aimed to bridge the gap between school education and higher education by providing students with first-hand information about academic opportunities available at JUIT.

The activity aligned with the vision of NEP 2020, which emphasizes holistic education, career awareness, multidisciplinary learning, community engagement, and the overall development of students. Through direct interaction with university faculty members, students gained valuable insights into higher education pathways and future career opportunities.



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Objectives of the Programme

The outreach programme was organized with the following objectives:

- To create awareness about higher education opportunities available after school education.
- To introduce students to the academic environment and facilities at Jaypee University of Information Technology.
- To provide information about engineering and technology-based career options.
- To motivate students towards pursuing professional and technical education.
- To familiarize students with emerging fields such as Biotechnology, Artificial Intelligence, Data Science, Computer Science, and Information Technology.
- To encourage informed career planning and goal setting.
- To strengthen collaboration between higher educational institutions and local schools through community engagement initiatives.

Programme Proceedings

The programme commenced at 11:00 AM with a warm welcome by the school administration and faculty members. Students from various classes enthusiastically participated in the session.

The resource persons interacted directly with students and shared their academic experiences, educational insights, and guidance regarding higher studies. The sessions were highly interactive and encouraged students to ask questions related to education, engineering, career opportunities, and university life.

Session by Prof. Rakesh Bajaj

Prof. Rakesh Bajaj introduced the students to Jaypee University of Information Technology and highlighted its contribution towards quality higher education, research, innovation, and skill development.

During his address, he elaborated on:

- The importance of higher education in today's competitive world.
- Various engineering disciplines offered by JUIT.
- The role of mathematics and analytical thinking in engineering education.
- Career opportunities available after engineering studies.
- The importance of developing problem-solving abilities and logical reasoning skills.
- The significance of innovation, creativity, and research-oriented learning.



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Prof. Bajaj encouraged students to pursue their academic aspirations with dedication and perseverance. He emphasized that engineering education not only provides technical knowledge



but also develops leadership qualities, communication skills, and critical thinking abilities necessary for professional success.

The students showed great interest in learning about admission processes, scholarship opportunities, academic life, and placement prospects available at JUIT.

Session by Prof. Gopal Singh Bisht

Prof. Gopal Singh Bisht delivered an insightful presentation on emerging technologies and interdisciplinary education. He introduced students to the Department of Biotechnology & Bioinformatics and explained how modern scientific advancements are creating exciting career opportunities. Key areas discussed during the session included:

- Biotechnology and its applications in healthcare, agriculture, and environmental sustainability.



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- Bioinformatics and the role of computational technologies in biological research.
- Emerging technological trends shaping future careers.
- Research and innovation opportunities available in higher education institutions.
- The growing importance of multidisciplinary education in the modern world.
- Skill development and lifelong learning as essential components of professional growth.

Prof. Bisht motivated students to explore new fields of study and encouraged them to remain curious, innovative, and adaptable to changing technological landscapes. He highlighted how universities such as JUIT provide students with opportunities to participate in research projects, innovation activities, internships, and industry-oriented learning experiences.





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A significant component of the outreach programme focused on introducing students to Jaypee University of Information Technology (JUIT), Wagnaghat.

The resource persons provided detailed information regarding:

Academic Programmes

Students were informed about various undergraduate and postgraduate programmes offered at JUIT, including:

- Computer Science & Engineering
- Information Technology
- Electronics & Communication Engineering
- Civil Engineering
- Biotechnology & Bioinformatics
- Mathematics and Computing
- Artificial Intelligence and Data Science-related domains

Research and Innovation

The students learned about the university's emphasis on:

- Research-driven learning
- Innovation and entrepreneurship
- Industry-academia collaboration
- Project-based education

Campus Facilities

Information was shared regarding:

- Smart classrooms
- Modern laboratories
- Library and digital learning resources
- Hostel facilities
- Sports and recreational infrastructure

The faculty members explained how these facilities contribute to the holistic development of students and help create a vibrant learning environment.

One of the most engaging components of the programme was the question-and-answer session. Students actively participated and sought information on:

- Career options after Class XII.



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- Eligibility criteria for engineering programmes.
- Future scope of various engineering branches.
- Emerging technologies and career opportunities.
- Placement opportunities and higher studies.

The interaction helped students clarify doubts regarding higher education and enabled them to gain a better understanding of professional career pathways.

The enthusiasm and curiosity displayed by the students reflected their eagerness to learn and explore future educational opportunities.

The outreach activity resulted in several positive outcomes:

- Enhanced awareness among students regarding higher education opportunities.
- Improved understanding of engineering and technology-related career paths.
- Increased interest in pursuing professional education.
- Better awareness about academic programmes offered at JUIT.
- Encouragement towards innovation, research, and skill development.
- Strengthened university-school collaboration through community engagement.
- Promotion of the objectives of NEP 2020 by connecting students with higher education institutions.

The programme successfully inspired students to think about their future academic goals and explore diverse career opportunities available in engineering, science, and technology.

Conclusion

The Outreach Activity conducted at Government Senior Secondary School, Mamleeg on 05 June 2026 was highly successful in achieving its objectives. Jointly organized by the Department of Mathematics and the Department of Biotechnology & Bioinformatics of Jaypee University of Information Technology, the programme provided valuable exposure to school students regarding higher education, engineering studies, and emerging career opportunities.

The informative sessions delivered by Prof. Rakesh Bajaj and Prof. Gopal Singh Bisht effectively motivated students to pursue higher education and develop a vision for their future careers. The activity also strengthened the university's commitment towards community engagement, educational outreach, and the implementation of the objectives envisioned under NEP 2020.

Such initiatives play a vital role in empowering young learners, promoting educational awareness, and fostering meaningful connections between higher educational institutions and the wider community.