



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 Community Engagement Service Under NEP 2020

Date of Event: 05 June 2026

Time: 11:00 AM to 1:00 PM

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

Organized By: Jaypee University of Information Technology (JUIT), Wagnaghat

Resource Persons:

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

In alignment with the vision of the National Education Policy (NEP) 2020, which emphasizes experiential learning, community engagement, critical thinking, and holistic education, Jaypee University of Information Technology (JUIT), Wagnaghat organized a Community Engagement Service programme at Government Senior Secondary School, Mamleeg, Tehsil Kandaghat, District Solan, Himachal Pradesh, on 05 June 2026.

The programme aimed to inspire school students by demonstrating the relevance of Science and Mathematics in everyday life and encouraging them to develop a scientific temperament and analytical thinking. NEP 2020 advocates experiential and activity-based learning that connects classroom knowledge with real-world experiences and community development.

The major objectives of the programme were:

- To promote scientific temper and mathematical reasoning among school students.
- To demonstrate practical applications of Science and Mathematics in daily life.
- To encourage curiosity, observation, innovation, and problem-solving skills.
- To motivate students towards higher education and careers in STEM (Science, Technology, Engineering and Mathematics) fields.
- To strengthen the relationship between higher educational institutions and local communities.
- To support the implementation of NEP 2020 through experiential and community-based learning approaches.



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The programme commenced at 11:00 AM with the welcome of the JUIT faculty members by the school administration and teaching staff. Students from various classes enthusiastically participated in the interactive session.

Session by Prof. Rakesh Bajaj

Prof. Rakesh Bajaj delivered an engaging lecture on the significance of Mathematics in everyday life. He explained how mathematical concepts are naturally embedded in routine activities such as:

- Time management and scheduling
- Banking and financial calculations
- Shopping and budgeting
- Measurement and estimation
- Transportation and navigation
- Mobile applications and digital technologies

Through simple examples and practical demonstrations, students were encouraged to observe how mathematics helps in logical thinking and decision-making. Dr. Bajaj emphasized that Mathematics is not merely a classroom subject but a powerful tool that enables individuals to solve real-life problems efficiently.



Students actively participated by sharing examples from their own experiences and asking questions related to mathematical applications in technology and daily living.

Session by Prof. Gopal Singh Bisht

Prof. Gopal Singh Bisht conducted an interactive session on Science and Biotechnology in everyday life. He explained various scientific principles that students encounter daily, including:

- Human health and hygiene
- Nutrition and balanced diet
- Environmental conservation
- Agriculture and food production
- Biotechnology applications in medicine
- Scientific innovations improving quality of life

The session highlighted the importance of observation, experimentation, and scientific inquiry. Students learned how scientific advancements contribute to healthcare, agriculture, environmental sustainability, and technological development.





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Prof. Bisht encouraged students to cultivate curiosity and develop a scientific mindset by questioning natural phenomena and exploring practical solutions to societal challenges.

Student Interaction and Engagement

One of the key highlights of the programme was the highly interactive nature of the sessions. Students actively participated in discussions and sought clarification on various scientific and mathematical concepts.

The resource persons used relatable examples from students' daily lives, making the sessions engaging and easy to understand. This experiential approach enabled students to connect theoretical knowledge with practical applications, thereby enhancing conceptual understanding and retention.

The interaction fostered confidence among students and motivated them to think critically about the world around them.

Relevance to NEP 2020

The programme strongly reflected the objectives and recommendations of the National Education Policy (NEP) 2020. The policy promotes experiential learning, critical thinking, multidisciplinary education, and community engagement as essential components of quality education. It encourages educational institutions to provide opportunities that connect academic learning with real-life experiences and societal needs.

Through this outreach activity, students were exposed to practical applications of Science and Mathematics, thereby fostering creativity, analytical thinking, problem-solving abilities, and lifelong learning skills. The programme also contributed to building stronger connections between higher education institutions and local communities, a key objective envisioned under NEP 2020.

The programme yielded several positive outcomes:

- Enhanced awareness about the practical importance of Science and Mathematics.
- Increased student interest in STEM-related subjects and careers.
- Improved understanding of scientific and mathematical concepts through real-life examples.
- Encouraged critical thinking and problem-solving abilities among students.
- Strengthened community engagement initiatives of JUIT.
- Promoted the spirit of lifelong learning and innovation among participants.



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Students expressed enthusiasm and appreciation for the informative and interactive sessions. Teachers also acknowledged the value of such outreach programmes in complementing classroom learning.

Conclusion

The Community Engagement Service Programme conducted at Government Senior Secondary School, Mamleeg on 05 June 2026 was a highly successful initiative that effectively promoted the objectives of NEP 2020. The insightful sessions delivered by Prof. Rakesh Bajaj and Prof. Gopal Singh Bisht helped students appreciate the relevance of Science and Mathematics in their daily lives and inspired them to pursue knowledge with curiosity and confidence.

The programme demonstrated JUIT's commitment towards community outreach, educational empowerment, and the holistic development of young learners. Such initiatives play a significant role in nurturing scientifically aware, mathematically competent, and socially responsible citizens for the future.