





CSIR-Central Building Research Institute Roorkee (Uttarakhand) Visit of School Students at CSIR- CBRI 14th May, 2025

As part of the ongoing Jigyasa 2.0 initiative under the Swachhta Pakhwada 2025 celebrations, the CSIR-Central Building Research Institute (CBRI), Roorkee, organized an educational and awareness visit for school students on May 14, 2025. The event witnessed enthusiastic participation from over 40 students and faculty members of Bal Vidya Mandir School, Roorkee. This initiative aimed to foster scientific temper and environmental consciousness among young minds through meaningful exposure to cutting-edge research and sustainable technologies.

Upon their arrival at the Institute, the visiting students and faculty were given a warm welcome. The program commenced with an insightful and thought-provoking lecture delivered by **Dr. Hemlata, Senior Scientist and Co-Nodal Officer (Jigyasa 2.0)** at CSIR-CBRI, Roorkee. The topic of the session, "Valorization of Plastic Waste into Building Products," highlighted the significance of scientific innovation in addressing the growing environmental challenge of plastic waste management.

During the session, Dr. Hemlata introduced the students to various pioneering techniques and technologies developed at CSIR-CBRI for the transformation of plastic waste into valuable and sustainable building materials. The presentation emphasized the role of research and development in turning environmental liabilities into eco-friendly assets, aligned with the national vision of sustainable development and waste-to-wealth initiatives.

The students listened with great interest and actively participated in the interactive session, posing insightful questions and sharing their thoughts on the topic. Their curiosity and eagerness to learn about the real-world applications of science in solving environmental problems were evident throughout the session. The faculty members also engaged in the discussions, appreciating the relevance of the subject matter to contemporary environmental concerns and educational curricula.

The visit not only deepened the students' understanding of sustainable waste management practices but also inspired them to think critically about their role in contributing to a cleaner and greener future. Both students and faculty expressed their heartfelt appreciation for the informative and engaging experience. The event was widely regarded as a meaningful step toward nurturing scientific awareness and environmental responsibility among the younger generation.

