CSIR-Central Building Research Institute
Roorkee (Uttarakhand)
Student-Scientist Interaction
CBRI's Visit at PM Shri Kendra Vidyalaya
28th September, 2025

In alignment with the objectives of the **CSIR–Jigyasa 2.0 initiative, the CSIR–Central Building Research Institute (CBRI), Roorkee**, organized an educational exposure visit on 28th October 2025 for 110 students (55 boys and 55 girls) and 6 teachers (3 males and 3 females) from **PM Shri Kendriya Vidyalaya, ITBP, Dehradun**. The program was designed to ignite scientific curiosity, promote experiential learning, and foster a spirit of innovation among young learners by providing them direct interaction with the institute's research ecosystem. The initiative sought to strengthen the student–scientist interface, enabling participants to understand how scientific research contributes to real-world solutions in the field of building science and sustainable infrastructure. The visit served as an experiential platform, inspiring the students to explore science beyond textbooks and to appreciate its applications for societal progress.

The visit began with an interactive exploration of Dr. Billing's Exhibition Gallery, a vibrant showcase of CBRI's innovations, scientific models, and research prototypes. Students witnessed how science and technology converge to solve real-world challenges in the field of construction, materials, and sustainable infrastructure. The exhibition kindled their curiosity and offered a deeper understanding of how research outcomes translate into societal benefits.




Following the gallery tour, the participants assembled at the R.N.T. Auditorium for a series of inspiring scientific sessions. Dr. Neeraj Jain, Senior Principal Scientist and Jigyasa 2.0 Coordinator, welcomed the gathering and introduced the vision behind the Jigyasa initiative — to create meaningful connections between scientists and students. In his motivational address, Dr. D.P. Kanungo, Chief Scientist, spoke about the pioneering role of CSIR and CBRI in advancing India's scientific and technological landscape. He urged students to cultivate curiosity, innovation, and critical thinking, emphasizing that the pursuit of science contributes directly to nation-building and sustainable development. The program featured an insightful lecture on "Waste to Wealth" by Dr. Soumitra Maiti, Principal Scientist, who elaborated on novel methods of converting industrial and domestic waste into useful construction materials. His talk underscored the significance of waste valorization and encouraged students to view waste as a potential resource rather than a burden on the environment. This was followed by an interactive session by Dr. Hemlata, Senior Scientist, on "Waste Plastic Composites as Building Components." Through real-life demonstrations and examples, she explained how plastic waste can be transformed into eco-friendly building materials, promoting sustainability and circular economy principles in construction practices. In her Vote of thanks, Dr. Hemlata acknowledged the enthusiastic participation of the visiting students and teachers and appreciated their keen interest in scientific learning. The educational visit concluded on an inspiring note, leaving students with a renewed enthusiasm for scientific discovery and environmental responsibility. The program truly embodied the essence of CSIR–Jigyasa 2.0 — to bridge classroom learning with hands-on scientific exploration, and to nurture the next generation of innovators, researchers, and problem-solvers.