



CSIR-Central Building Research Institute Roorkee (Uttarakhand)

Visit of School Students at CSIR- CBRI 19th DECEMBER, 2025

CSIR-Central Building Research Institute (CSIR-CBRI), Roorkee organized an educational outreach programme under the **CSIR JIGYASA 2.0 (Student-Scientist Connect Programme)** with the aim of promoting scientific temper, curiosity, and innovation among school students. Under this initiative, a group of **111 students (53 girls & 58 boys)** from **Scholars Academy, Roorkee**, accompanied by their 4 teachers, visited the institute to gain exposure to scientific research, laboratory practices, and technological innovations relevant to nation-building. The programme was **coordinated by Dr. Hemlata, Senior Scientist, CSIR-CBRI**, who ensured the effective planning and smooth conduct of all activities. The visit commenced with an inaugural session wherein **Dr. Neeraj Jain, Nodal Officer – JIGYASA, CSIR-CBRI**, delivered the opening remarks and presented an insightful overview of the CSIR JIGYASA initiative. He elaborated on the vision of the programme, emphasizing CSIR's commitment to nurturing young scientific minds by bridging the gap between classroom learning and real-world research through direct student-scientist interactions.



A motivational and thought-provoking interaction session was conducted by **Dr. D. P. Kanungo, Senior-most Scientist, CSIR-CBRI**, who inspired the students by sharing his rich scientific experience. He encouraged the participants to develop inquisitiveness, critical thinking, and perseverance, highlighting the role of science and technology in addressing societal challenges and contributing to sustainable development. As part of the academic component of the programme, **Dr. Hemlata delivered an informative lecture on “Plastic in Human Life.”** The lecture focused on the widespread use of plastics in modern society, their advantages and limitations, environmental concerns associated with plastic waste, and the importance of adopting sustainable materials and practices. The session generated active participation and helped sensitize students to responsible consumption and environmental stewardship.



The programme also included **guided visits to various laboratories and research facilities** of CSIR–CBRI, providing students with firsthand exposure to cutting-edge research and infrastructure. The students visited the **Dr. Billings Exhibition Gallery**, where they learned about the institute's legacy, major achievements, and contributions to building science. Visits to the **NETEF Laboratory**, **FSE Laboratory**, and other R&D and testing facilities enabled students to observe advanced experimental setups and understand the practical applications of scientific research in civil engineering and building materials.





Overall, the CSIR JIGYASA 2.0 programme proved to be highly enriching and impactful for the participating students. The interactive sessions, technical lecture, and laboratory visits collectively enhanced the students' understanding of science beyond textbooks and motivated them to explore careers in science, technology, and research. The programme successfully fulfilled its objective of strengthening the student–scientist connect and reinforcing CSIR–CBRI's role in scientific outreach and dissemination.

CSIR–CBRI, Roorkee remains committed to promoting scientific awareness and innovation among the younger generation through such outreach initiatives, thereby contributing to the development of a scientifically informed and technologically empowered society.