



CSIR-Central Building Research Institute Roorkee (Uttarakhand)

Visit of School Students at CSIR- CBRI

10th October, 2024

On October 10, 2024, the Institute successfully hosted an enriching educational visit as part of the Jigyasa 2.0 initiative. This event aimed to spark scientific curiosity and provide students with an insight into the latest research and innovations in building science and technology. Students and teachers from two participating schools were graciously received by the Institute.



A total of 150 students visited the Institute, including 40 students from Shivalik Ganges Public School, Roorkee, accompanied by 3 faculty members, and 110 students from Kaushik Public School, Imlikhera, along with 7 faculty members. Their visit aimed to gain a comprehensive understanding of the R&D activities and outcomes at CSIR-CBRI.

The program was inaugurated by Sh. Nadeem Ahmad, Chief Scientist and Nodal Officer for Jigyasa 2.0, along with Dr. Chandan S. Meena, Dr. Tabish Alam, Dr. Hemlata & Er. A. Pippal, Senior Scientist and Dr. Naveen Nishant, Scientist. Despite his busy schedule, the Director of CSIR-CBRI took the time to briefly interact with the students and teachers. The students were introduced to the institute's prestigious Ctesiphon Exhibition Gallery, which displayed cutting-edge research and innovations, showcasing the progress made by CSIR-CBRI from its inception to date. Among the notable projects highlighted were the construction of the Ram Mandir, an iconic architectural feat, and the successful demolition of the Super-tech Twin Towers, which was a remarkable achievement in controlled building demolition. These projects sparked great interest among the students, and they were eager to learn more about the technologies and

innovations presented. A vibrant and continuous student-scientist interaction took place throughout the event, allowing students to ask questions and engage with the Scientists. Following the exhibition, students visited the Rural Technology Park, where Dr. Naveen Nishant, Scientist at CSIR-CBRI, gave an in-depth brief on the research and development work carried out at the park. He explained various technologies related to structural building work, providing students with a hands-on experience of modern-day technologies and research efforts in rural development.



He discussed various technologies used in house construction, tailored to different regions based on local needs and emphasized that the technology and materials used should be sustainable, economical, and readily available. The discussion also covered different roofing techniques and water filtration systems commonly employed in rural areas, along with their scientific principles and how they relate to practical, everyday life. The interactive session allowed students to relate what they had learned to real-world scenarios, enhancing their understanding of the significance of technology in today's world.

The students were encouraged to ask the scientists all their questions and resolve their doubts. At the conclusion of the program, Mr. Nadeem Ahmad, Chief Scientist and Nodal Officer for Jigyasa 2.0 bid farewell to the attending students from respective schools and colleges. He shared insights into the rich historical journey of CSIR-CBRI

Roorkee, highlighting the institute's ongoing research and development work and its significant contributions to national development.



He also encouraged the students to cultivate a scientific mindset, emphasizing the importance of innovation and research in shaping a progressive and self-reliant nation. The event was smoothly and efficiently coordinated by Dr. Chandan S. Meena, Senior Scientist & Co Nodal Officer. Er. A. Pippal, Dr. Hemlata, Dr. Tabish Alam, Senior Scientist, DR. Naveen Nishant, Scientist, Ms. Gunjan Joshi, Ms. Prachi Dhingia, Mrs. Pooja, Mr. Amzad, Mr. Vikash and Mr. Mahesh were present during the program. At the end of the event, students and faculty members expressed their heartfelt gratitude to CSIR-CBRI for providing such a valuable and inspiring learning experience. By showcasing the latest innovations in building science, structural engineering, and sustainable technology, CSIR-CBRI inspired a new generation of learners to think critically about the future of infrastructure and their potential role in shaping it.



