



CSIR-Central Building Research Institute Roorkee (Uttarakhand)

Visit of School Students at CSIR- CBRI

26th December, 2024

On December 26th, 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 the participating school were graciously received by the Institute.



The visit aimed to showcase the ongoing R&D work at the institute. A total of 50 Students and 7 faculty members from Govt. Girls Inter College, Sector-51, Noida U.P. actively participated in the event. Dr. Hemlata, Senior Scientist cordially greeted the students and teachers along with Senior Scientist Dr. Chandan Swaroop Meena.

The event featured an interactive session between scientists and students, promoting curiosity and engagement with scientific developments. 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. Dr. Chandan highlighted the extensive network of CSIR laboratories across India, emphasizing CSIR-CBRI Roorkee's expertise in building science and technology. Key highlights included innovative fire-resistant panels, advanced technologies in pile foundation, and structural design adaptations tailored to regional requirements. Scientists and coordinators provided insights into various housing technologies developed by CBRI.

Among the standout projects was the Ram Mandir, where CSIR-CBRI Roorkee made a significant contribution to the structural and foundation design. Equally impressive was the innovative technology behind Surya Tilak, which leverages a sophisticated Opt mechanical system. The gallery also presented CBRI's remarkable journey from its inception to its current achievements, sparking excitement and motivation among the students.

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.



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 program was enriched by the active participation of Dr. Chandan Swaroop Meena, Dr. Hemlata, and Staff members of ODSO. The seamless coordination of the

event was expertly handled by Dr. Hemlata, ensuring its smooth execution and success. At the event's conclusion, students and faculty expressed gratitude to CSIR-CBRI for providing an inspiring learning experience. The showcase of innovations in building science and sustainable technology motivated attendees to critically consider their role in shaping a progressive, sustainable future.