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

Under the CSIR–Jigyasa 2.0 Student–Scientist Connect Programme, the CSIR–Central Building Research Institute (CBRI), Roorkee organized an educational exposure visit on **28th November 2025** for the students of **PM Shri Kendriya Vidyalaya, IMA, Dehradun**. A total of **148 students** (78 Girls & 70 Boys) **and 8 teachers** participated in the programme, which aimed to cultivate scientific temperament and enhance interest in research and innovation among young learners. The visit commenced with a guided tour of the **Dr. Billing Exhibition Gallery**, where students observed a wide range of scientific models, research innovations and real-world technological applications developed by the Institute. The exhibits highlighted advancements in **construction materials, structural safety, affordable housing solutions, energy-efficient systems and environmental engineering**. The interactive session helped students understand how building science research addresses practical challenges in the construction sector and contributes to societal development.


The second session was held in the **R&T Auditorium**, coordinated by **Dr. Tabish Alam, Senior Scientist**. **Dr. Neeraj Jain, Senior Principal Scientist**, introduced the vision and objectives of **CSIR-Jigyasa 2.0**, emphasising the importance of experiential learning, curiosity-driven exploration and collaborative student–scientist interactions. **Prof. R. Pradeep Kumar, Director, CSIR-CBRI**, welcomed the students and highlighted that such outreach initiatives provide meaningful exposure to emerging scientific fields, beyond conventional classroom knowledge.

As part of the programme, **Dr. Tabish Alam** delivered a detailed and engaging presentation on the theme **"Utilization of Solar Energy in Buildings for Sustainable Living."** He explained the fundamentals of solar power generation, types of solar photovoltaic systems, and the integration of rooftop solar solutions in residential buildings. Explaining practical examples and case studies, that how solar energy significantly reduces electricity expenditure, mitigates reliance on conventional power sources, and contributes to environmental sustainability. Dr. Alam also discussed modern innovations to encouraging students to explore renewable energy as a key component of future infrastructure. Following the presentation, the students visited various research facilities at the Institute, including the **Rural Technology Park, Fire Safety Engineering Laboratory and 3D Concrete Printing Laboratory**, where scientists provided insights into ongoing research and development activities. The exposure offered students a first-hand understanding of cutting-edge scientific processes, strengthening the objective of the Jigyasa initiative to bridge the gap between education and research.

The programme concluded with a **Vote of Thanks** by **Dr. Tabish Alam**, who expressed appreciation for the students' enthusiasm and the active participation of the teachers. He encouraged the participants to continue nurturing curiosity, critical thinking and scientific outlook in their academic journey. The educational visit concluded on a motivating and impactful note, instilling in students a renewed passion for scientific learning and environmental stewardship. The programme effectively reflected the core spirit of CSIR–Jigyasa 2.0 connecting classroom knowledge with real-world scientific exposure and fostering the development of future innovators, researchers, and problem-solvers.






*Student's visit to CSIR-CBRI*