



**Outreach & Dissemination Services Office
CSIR – Central Building Research Institute
Roorkee – 247667 (UK)**

**Indian Institute of Technology, Roorkee
Architecture and Planning Dept. Students
Gain Hands-On Technical Exposure
October 31, 2025**

CSIR–Central Building Research Institute (CBRI), Roorkee, organized an institutional exposure visit for a group of 51 students from the Department of Architecture and Planning, IIT Roorkee. The visit aimed to enhance students’ understanding of the latest research trends, technological advancements, and sustainable practices in the field of building science and architecture. The program was coordinated by **Dr. Naveen Nishant**, Scientist, CSIR–CBRI.

During the visit, the students were introduced to the institute’s multidisciplinary research ecosystem, emphasizing innovation in energy-efficient, disaster-resilient, and environmentally sustainable construction. The group explored key facilities such as the **NEETF Laboratory**, **Fire Research and Safety Engineering (FSE) Division**, **Rural Technology Park**, and **Dr. Billing’s Exhibition Gallery**.

At the NEETF Laboratory, the students gained insights into the development and testing of energy-efficient materials and sustainable construction solutions. The visit to the Fire Research and Safety Engineering Division familiarized them with research in fire-resistant materials, safety design strategies, and performance evaluation of structural components under extreme conditions. At the Rural Technology Park, students explored cost-effective and region-specific housing technologies aimed at improving the quality of life in rural areas.

The visit to Dr. Billing’s Exhibition Gallery provided an overview of CSIR–CBRI’s rich legacy in building science, heritage conservation, and its contributions to national development through innovative research and technological solutions. The exhibits highlighted the institute’s pioneering work in sustainable housing, disaster mitigation, and modern construction methodologies.



The educational interaction offered the students valuable exposure to the practical integration of architecture, engineering, and sustainability. It also encouraged them to appreciate the role of scientific research in addressing real-world challenges in the built environment. The visit proved to be an inspiring and insightful learning experience, reinforcing their commitment to advancing sustainable and resilient infrastructure solutions.

