



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

**Central University of Haryana
Engineering Students**

**Gain Hands-On Technical Exposure
November 17th, 2025**

A team of **40 final-year Civil Engineering students**, accompanied by **5 faculty members** from the **Central University of Haryana**, visited the **CSIR–Central Building Research Institute (CBRI), Roorkee** for an academic exposure trip focused on advanced building research and practical engineering demonstrations. The entire programme was organized with the support of **Dr. Neeraj Jain**, Head of Outreach & Dissemination Services, and was effectively facilitated by **Dr. Hemlata (Sr. Scientist)**, **Sh. Rajnish**, **Er. Anuj Kumar**, and **Er. Rajat Kumar**, who ensured an informative and well-coordinated experience for the visiting group. Students began their visit at the **Dr. Billing’s Exhibition Gallery**, an important knowledge hub showcasing CBRI’s significant research initiatives. Here, students observed a variety of models and technical exhibits that introduced them to innovative developments in construction materials, structural systems, and the institute’s multidisciplinary research focus. From there, the group proceeded to the **National Earthquake Engineering Test Facility (NEETF)**. This segment of the visit offered students an up-close look at full-scale seismic testing. By observing the functioning of large shake tables and experimental set-ups, they gained a deeper understanding of how earthquake-resistant structures are analysed, tested, and improved through scientific validation. The next stop was the **Fire Safety Engineering Laboratory**, where students were briefed on procedures for assessing fire performance of construction materials and structural components. Demonstrations related to heat exposure, flame propagation, and material behaviour provided a practical perspective on the essential role of fire safety in modern building design. The visit concluded at the **Rural Technology Park**, which presented a completely different dimension of civil engineering, technologies designed for community welfare and sustainable development. Students explored examples of low-cost housing, eco-friendly construction solutions, and rural-centric innovations developed by CBRI to address grassroots-level needs. The educational visit offered a well-rounded learning experience. It allowed the students to observe advanced research facilities, understand real-world testing procedures, and appreciate the broader social responsibility that accompanies engineering practice. The exposure strengthened their technical awareness and reinforced the importance of innovation, safety, and sustainability in the field of civil engineering.



