



CSIR-Central Building Research Institute **Roorkee (Uttarakhand)**

JANJATIYA GAURAV VARSH

18th December, 2025



On December 18, 2024, CSIR-CBRI organised an educational visit under the Jigyasa 2.0 initiative, aimed at fostering scientific curiosity and showcasing advancements in building science and technology. The visit also marked the beginning of Janjatiya Gaurav Varsh 2024-25, commemorating the 150th birth anniversary of Birsa Munda, celebrating India's tribal heritage and contributions.

A total of 210 students and 15 faculty members from PM SHREE KV Muradnagar participated. They were warmly welcomed by Dr. Tabish Alam, Dr. Chandan Swaroop Meena, and Dr. Hemlata. The visit included an interactive session where scientists engaged with students, encouraging discussions on scientific innovations. Participants explored the Ctesiphon Exhibition Gallery, which showcased cutting-edge research, including fire-resistant panels, advanced pile foundation technologies, and regional structural design adaptations.

Key CSIR-CBRI contributions were highlighted, such as structural designs for the Ram Mandir, the demolition of Supertech Twin Towers, and the conservation of heritage sites like the Taj Mahal and Qutub Minar. Additionally, students learned about CBRI's role in PMAY-G, where scientific innovations ensure cost-effective, sustainable housing. The institute's COVID-19 response was also discussed, particularly the development of advanced air purification technology capable of neutralizing viruses.

Dr. Hemlata opened the session, acknowledging Director Prof. Pradeep Kumar's guidance. The Director emphasized the importance of originality in learning over rote memorization. Dr. Tabish Alam further elaborated on Janjatiya Gaurav Varsh, highlighting the role of Birsa Munda and other tribal heroes in India's freedom struggle, their advocacy for women's rights, and government initiatives to preserve tribal heritage and promote sustainable development.

The visit concluded with an interactive Q&A session, where students actively engaged with scientists, fostering a deeper understanding of building science and sustainability. Seamlessly coordinated by Dr. Tabish Alam, the event left students inspired to contribute towards innovation and a sustainable future.



