



CSIR-Central Building Research Institute Roorkee (Uttarakhand)

“ONE DAY AS A SCIENTIST”

25th July, 2025

The **“One Day as a Scientist”** programme, organized by **CSIR–Central Building Research Institute (CSIR-CBRI), Roorkee**, on **21st & 25th July 2025**, concluded successfully with a **valedictory ceremony** held at the Institute premises on 25th July, 2025. This week-long initiative was conceptualized as part of CSIR’s nation-wide effort to inspire scientific thinking among school students and provide them with a hands-on experience of working in a real research environment. The programme was aimed at nurturing curiosity, developing scientific temperament, and introducing students to the fascinating world of research, innovation, and technology.

The **closing ceremony** of the programme was graciously coordinated by **Mr. Nadeem Ahmad, Chief Scientist**, along with **Dr. Hemlata and Dr. Tabish Alam, Senior Scientists**, and was honoured by the presence of **Prof. R. Pradeep Kumar, Director, CSIR-CBRI**, who attended as the **Chief Guest**. In his address, Prof. Kumar emphasized the transformative role of such initiatives in cultivating young scientific minds and motivating them to pursue future careers in science and research. He acknowledged the enthusiasm and commitment of the students, teachers, scientists, and organizing staff, and congratulated everyone for the successful execution of this impactful outreach programme.



The event witnessed enthusiastic participation from approximately **170 students and faculty members** representing four prestigious schools from Roorkee:

1. ABN Senior Secondary School, IIT Roorkee
2. PM SHRI Kendriya Vidyalaya No. 1, Roorkee

3. PM SHRI Kendriya Vidyalaya No. 2, Roorkee
4. Mount Litera Zee School, Roorkee

The programme commenced with a **technical lecture by Dr. Hemlata** on the topic “*Energy Efficient Building Materials*”, wherein she highlighted the importance of sustainable construction practices and the role of innovative building materials in energy conservation and climate-resilient infrastructure. This was followed by a **science quiz competition** coordinated by **Dr. Tabish Alam and Dr. Naveen Nishant**, which saw enthusiastic participation from students who impressed the audience with their analytical skills, scientific knowledge, and presence of mind.



As part of the hands-on learning component, students were taken on **guided visits to CSIR-CBRI’s advanced R&D laboratories**, including the **Structural Engineering Lab, Fire Research Lab, and Chemical Testing Lab**. They also explored the **CBRI Exhibition Gallery**, where they interacted with various research models and prototypes, showing great curiosity in technologies related to smart construction, disaster mitigation, and heritage conservation. These interactions helped bridge the gap between textbook concepts and real-world applications, leaving a lasting impact on the young minds.

Throughout the programme, several staff members including **Er. Ashish Pippal, Dr. Tabish Alam, Dr. Hemlata, Dr. Chandan Meena, and Shri Rajnish** were actively involved in mentoring the students and ensuring smooth conduct of the sessions and demonstrations. The event concluded with a formal **vote of thanks delivered by Mr. Nadeem Ahmad**, who expressed deep gratitude to all participating schools, faculty members, resource persons, technical staff, and the organizing committee for their valuable contributions. He emphasized the importance of continued engagement between scientific institutions and school communities to build a knowledge-driven future.

The “One Day as a Scientist” programme at CSIR-CBRI not only provided a rich and engaging platform for experiential learning but also served as a source of inspiration and motivation for students to think innovatively, ask questions, and take pride in science as a tool for nation-building.



