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

Visits of Executive Director of NIDM

08th May, 2026
Organized under the aegis of CSIR

On 08 May 2026, CSIR–Central Building Research Institute (CSIR-CBRI), Roorkee, had the privilege of hosting **Shri Madhup Vyas, IAS, Executive Director of the National Institute of Disaster Management (NIDM)**, along with his esteemed team members. The visit was organized with the objective of gaining comprehensive insights into the institute's research contributions, technological advancements, and achievements made over the past 5–10 years, particularly in the field of Disaster Mitigation and Management. The visit marked an important occasion for strengthening collaboration and knowledge exchange between two premier institutions working towards disaster risk reduction, resilient infrastructure development, and sustainable solutions for society. The interaction provided an excellent platform for discussions on scientific innovations, disaster preparedness strategies, and future possibilities in the domain of disaster resilience.

The programme commenced with a formal welcome of the distinguished guests by senior officials and scientists of CSIR-CBRI. The visit witnessed the presence of all Heads of Departments, senior scientists, researchers, and technical experts of the institute, reflecting the collective efforts and multidisciplinary research culture of CSIR-CBRI. The gathering facilitated meaningful discussions on the growing challenges posed by natural disasters and the importance of scientific and technological interventions in minimizing disaster risks and enhancing infrastructure resilience.

The visit was coordinated by Chief Scientists **Dr. D.P. Kanungo and Dr. Ajay Chourasia**, who played a key role in organizing and conducting the programme. During the technical session, both scientists delivered detailed presentations highlighting the institute's major research initiatives, achievements, and field interventions related to disaster mitigation and management. The presentations provided an overview of the institute's extensive work in the areas of landslide risk assessment, earthquake engineering, structural safety, geotechnical

investigations, fire safety, resilient construction technologies, and sustainable infrastructure development.

Special emphasis was laid on the institute's contributions towards disaster preparedness and mitigation in vulnerable regions of the country. The presentations showcased several innovative technologies, advanced testing methodologies, and research-based solutions developed by CSIR-CBRI for minimizing the impact of disasters such as earthquakes, landslides, and structural failures. The team also discussed the institute's collaborative projects, policy support initiatives, and field applications that have contributed significantly to strengthening national disaster resilience frameworks. The discussions further highlighted the importance of integrating scientific research with practical implementation for creating safer and more resilient built environments. Scientists elaborated on the institute's ongoing efforts in developing cost-effective, sustainable, and disaster-resilient construction systems suitable for diverse geographical and climatic conditions. Various successful case studies and field-level interventions undertaken by the institute in disaster-prone regions were also shared during the session. During the visit, Shri Madhup Vyas expressed keen interest in understanding the institute's advanced research infrastructure and technological capabilities. As part of the technical tour, the delegation visited several state-of-the-art laboratories and facilities of CSIR-CBRI. These included the NEETF Lab, Geotech Lab, 3D Concrete Printing Lab, and Fire Safety Engineering (FSE) Lab, among others.

At the NEETF Lab, the delegation was introduced to advanced experimental and testing facilities related to structural engineering and disaster-resistant technologies. Scientists explained the ongoing experimental studies and simulations being carried out to evaluate the performance and safety of structures under extreme loading and disaster conditions. During the visit to the Geotech Lab, the team observed advanced geotechnical testing facilities and gained insights into the institute's work related to slope stability analysis, soil investigations, foundation engineering, and landslide mitigation strategies. The discussions highlighted the significance of geotechnical research in reducing risks associated with unstable terrains and vulnerable hill regions. The delegation also visited the 3D Concrete Printing Lab, where they were introduced to cutting-edge advancements in automated and sustainable construction technologies. Scientists demonstrated the applications of 3D concrete printing in rapid, cost-effective, and resilient infrastructure development. The laboratory showcased innovative approaches being explored for future construction practices with improved efficiency and reduced material wastage. At the Fire Safety Engineering (FSE) Lab, the visiting team gained first-hand exposure to advanced fire testing facilities and research activities focused on fire safety, fire-resistant materials, evacuation systems, and safety standards for buildings and infrastructure. The discussions underlined the critical role of fire safety engineering in disaster management and urban resilience. Throughout the visit, Shri Madhup Vyas appreciated the institute's remarkable contributions towards scientific research, technological innovation, and disaster mitigation efforts. He acknowledged the importance of institutions like CSIR-CBRI in supporting national priorities related to disaster risk reduction, infrastructure safety, and sustainable development. He also appreciated the multidisciplinary approach adopted by the institute in addressing complex challenges associated with natural hazards and resilient infrastructure systems. The interaction between the NIDM delegation and CSIR-CBRI scientists proved highly productive and insightful. It facilitated an effective exchange of ideas, experiences, and technical knowledge in the field of disaster management and resilience planning. The visit also opened avenues for future collaborations and strengthened the shared vision of promoting science-driven solutions for disaster preparedness, mitigation, and sustainable infrastructure development in the country. The visit concluded with a vote of thanks

and a collective commitment towards continued cooperation between CSIR-CBRI and NIDM for advancing research, innovation, and capacity-building initiatives in the field of disaster management. The programme successfully highlighted CSIR-CBRI's significant role as a leading research institution dedicated to developing resilient, safe, and sustainable built environments for the nation.