



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

**CSIR One Week One Theme Program  
July 18, 2024**

The One Week One Theme (OWOT) program, organized by CSIR-CBRI Roorkee on the 18<sup>th</sup> July, 2024, focused on the theme of "Chemicals (Including Leather) & Petrochemicals." More than 120 college students and trainee students participated in the said event, which was a part of the broader OWOT initiative launched by CSIR on 24<sup>th</sup> June 2024 at IHC New Delhi, with the aim of making innovation inclusive and accessible to stakeholders, empowering common citizens by bringing science and technology closer to them. The OWOT initiative seeks to integrate efforts and optimize resources across various CSIR labs working on similar projects, showcasing their technologies, products, and processes across eight research themes over six months.



The event was inaugurated by Dr. S. R. Karade and Dr. D. P. Kanungo, Chief Scientists at CSIR-CBRI in the presence of Dr. Pradeep Chauhan, Dr. P.C. Thapliyal, Er. Ashish Pippal and Dr. R.K. Verma. Dr. S. R. Karade in his inaugural address, provided an overview of the OWOT program, highlighting its objectives and significance. Following that, Dr. D. P. Kanungo gave insights about CSIR-CBRI and the advanced technologies developed at the institute. Initially, Dr. Hemlata, Sr. Scientist welcomed the students and other colleagues and briefed about the objective and way-forward of this program. The inaugural session was then concluded with a vote of thanks proposed by Dr. Tabish Alam, expressing gratitude to the participants and organizers for their contributions to the successful execution of the event. Several scientists and staff members of the institute were also present during the inauguration.



Subsequently, the technical sessions began with a lecture by Er. Humaira Athar, scientist CSIR-CBRI on the "Beneficial Role of Nano-Silica and Its Use in Cementitious Materials," discussing the advantages of using nano-silica in construction materials to enhance their properties and durability. This was followed by a lecture from Dr. P. C. Thapliyal, chief scientist on "Trends and Innovations in Construction Chemicals," focusing on the latest advancements in construction chemicals and their contributions to more efficient and sustainable building practices.



After the lectures, participants were taken on the visit of the different laboratories of the institute including the BMES Laboratory and ACSC Laboratory, where scientists demonstrated various technologies developed for building materials and engineering systems, as well as advanced construction and structural engineering technologies. During the laboratory visits, concerned scientists provided detailed explanations and demonstrations of the technologies and research projects underway at CSIR-CBRI.



The said event was coordinated by Dr. Hemlata, Senior Scientist. Dr. Tabish Alam, Scientist, and Dr. P. C. Thapliyal Chief Scientist at CSIR-CBRI. Ms. Gunjan Joshi, Ms. Prachi Dhingra, Ms. Namita Shah, Mr. Ajay, Mr. Mahesh, Mr. Vikas and Mr. Amzad were present during the program. Overall, the one-day event under the OWOT program effectively showcased the latest research and technological advancements in the field of chemicals and petrochemicals, providing valuable insights to all attendees. This initiative aligns with CSIR's broader mission of integrating scientific innovation with societal needs, ensuring that advancements in science and technology benefit a wider audience.



**Students interacting with the CSIR-CBRI scientists during the Institute's BMES Laboratory and ACSC Laboratory Visit.**