



Outreach & Dissemination Services Office CSIR – Central Building Research Institute, Roorkee – 247667

CSIR One Week One Theme Programme June 26, 2024

CSIR India has launched One week, One Theme (OWOT) Program on 24th June 2024 at IHC, New Delhi. The curtain raiser event was graced by the Hon'ble Minister of S&T; Dr Jitendra Singh in the presence of Dr. Kalaiselvi, DG CSIR. The aim of the program was to make innovation inclusive for all and bring it closer to the stakeholders in order to empower common citizen by not limiting the science and technology to the lab. This initiative seeks to integrate efforts and optimize the resources of all CSIR labs working on similar theme project. Over the next six months, CSIR labs will showcase their technologies, products and processes across the eight research themes.

In this context, CSIR-CBRI is organizing the One Week One Theme (OWOT) Programme, starting from 24th June 2024. In this event, the first thematic area is Energy and Energy Devices being conducted from 24th - 28th June 2024. Under this theme, CSIR-CBRI has organized a one-day event on "Renewable Energy Technologies for Efficient Buildings" on 26th June 2024 consisting of Technical Sessions and CBRI technologies demonstration to more than 200 college students and trainee students.



The programme was inaugurated by Ar. S.K. Negi, Chief Scientist, CSIR-CBRI, in the presence of Dr. S.R. Karade, Er. Nadeem Ahmad, Dr. Pradeep Chauhan, Dr. P.C. Thapliyal, Dr. R.K.Verma, Dr. Nagesh B. Balam, Dr. Kishore Kulkarni. In his inaugural

address, Ar. S.K. Negi has emphasized on the evolution of CSIR-CBRI and highlighted the achievements of the institute in serving the society & nation. He expressed his gratitude towards college/training students for their participation in the said event. He also underlined the Institute's contribution in eradicating the national housing problems and suggests the best feasible solutions. Initially, Dr. Hemlata, Sr. Scientist welcomed the students and other colleagues and briefed about the objective and way-forward of this programme. Subsequently, Dr. S.R. Karade, Chief Scientist and event coordinator stated the importance of this programme in various thematic areas. During inaugural, several scientists & other staff members of this institute were also remain present.



Subsequently two lectures on this theme have been delivered by the CSIR-CBRI scientists, 1) Integration of Renewable Energy System for Building Application by Dr. Veena Choudhary, Scientist. Dr. Veena suggested that solar, wind, geothermal and biomass resources are considered suitable for integration into buildings based on their availability, use, technical improvements, and compatibility for the construction industry, and 2) Hybrid Renewable Energy Source for Residential Buildings by Er. Nirmal, Scientist. Er. Nirmal explained how various renewable energy sources including wind, green hydrogen, hydroelectric can be used together for electricity generation.

After that the students were then taken to the rural technology park and exhibition hall within the institute and concerned scientists explained show case technologies related to building science & technology. The said event was coordinated by Dr. Hemlata, Senior Scientist. Dr. Nagesh Balam, Principal Scientist, Dr. Kishor S. Kulkarni, Sr. Scientist, Er. Nadeem Ahmad, Chief Scientist. Ms. Gunjan Joshi, Ms. Prachi Dhingra, Mr. Shaksham Bhardwaj and Mr. Amzad were present during the program. Additionally, the students have also witnessed the Institute's rural technology park & Exhibition Hall/Demonstration for enhanced understanding of institute's working.



Students interacting with the CSIR-CBRI scientists during the Institute's rural technology park and exhibition hall visit