

Brief Report of Expert Lecture on “Energy Efficiency in Buildings”

Organized by

Department of Mechanical Engineering

Department of Mechanical Engineering, Integral University, Lucknow organized an expert lecture on “*Energy Efficiency in Buildings*” on 26.08.2023. Expert Mr. Shobhit Kumar ,Sr. Manager ECBC cell UPSDA/UPNEDA is an Energy Engineer and Building Policy Expert having more than 7 years of professional experience. He is working in the domain of Energy Conservation Building Code, Eco-Niwas Samhita implementation with the Government of Uttar Pradesh and Himachal Pradesh.

Expert lecture commenced with the welcome address of Prof. (Dr.) P.K Bharti, Head, Department of Mechanical Engineering. Mr. Shobhit introduced the concept and benefits of energy efficiency in buildings. He provided an overview of the methodology used to determine the energy efficiency of buildings as well as different opportunities and measures for reducing energy uses in buildings without sacrificing comfort levels along with the summary of legislative and policy tools that have been successful in promoting energy efficiency in buildings. The expert lecture created a general understanding of the methodology used to determine the energy efficiency of buildings, different opportunities for improving the energy efficiency of buildings and the potential savings.

Speaker explained the different aspects with real-world examples and highlighted the applications of energy-efficient principles and technologies & their impact on energy consumption and sustainability.

There were 44 participants. The lecture was very well received by the students which was exhibited by their active participation in questions and answer session.

Session culminated with a vote of thanks to the expert. The session was well coordinated by Dr. Sumita Chaturvedi and Dr. Abhishekh Dwivedi, Department of Mechanical Engineering.

