

An Expert Lecture on “*Structural Dynamics and Seismic Risk on Structures*”

Date: February 6–8, 2023

College: Dev Bhoomi Uttarakhand University, Dehradun, Uttarakhand

Approximate No. of Students Attended: 70

An expert lecture titled as “**Structural Dynamics and Seismic Risk on Structures**” was delivered by Dr. Sugandha Singh, Assistant Professor, Department of Civil Engineering, JUIT, Wagnaghat, on February 6, 2023, at **Dev Bhoomi Uttarakhand University, Dehradun, Uttarakhand**, as part of a **3 Day Hands on Workshop on “Concrete Quality and Assurance,”** organized by **Institution of Engineers (India), Uttarakhand State Center**. Approximately 70 students from the Department of Civil Engineering and Department of Architecture and Planning joined the expert lecture. The main aim of the lecture was to introduce the students about the basics of behavior of structures during an earthquake, the importance of proper planning of building for seismic design, and brief discussion of analysis and design strategies of structures subjected to earthquakes. Dr. Sugandha Singh also assisted in the 2nd and 3rd days of the workshop with discussion and calculation of Concrete mixes and testing related to concretes.





