

Report on Expert Session

Topic: Technical Sessions on Indian Standards Code IS 1893 & IS 13920

Date: 16th October 2024

Time: 11.00 AM - 1.00 PM

Venue: IOT Lab, GTU-SET, Academic Block 5, Chandkheda, Ahmedabad

Event Summary

GTU School of Engineering and Technology under the aegis of Bureau of Indian Standards conducted technical sessions on Indian Standards on IS Code 1893 & IS Code 13920 on 16th Oct 2024 at GTU-SET. The invited expert is Mr. Aman Deep sir, working as Professional Consultant to BIS & Chartered Engineer.

The technical session covered key aspects of:

1. National Building Code: In this he introduced about the selection of materials and discussed about the term sustainability for structural engineers keeping focus on various loads and forces.
2. IS 875: Code of Practice for Design Loads (other than Earthquake) for Buildings and Structures, providing guidelines for calculating imposed loads.
3. IS 1893: Criteria for Earthquake Resistant Design of Structures, which is crucial in regions prone to seismic activity.
4. IS 13920: Ductile Detailing of Reinforced Concrete Structures Subjected to Seismic Forces, ensuring improved seismic performance and safety.
5. SP 456: Code of Practice for Plain and Reinforced Concrete, which outlines the general construction requirements and standards for durability, strength, and performance of concrete.

This session highlighted the importance of adhering to these standards to ensure the safety, durability, and efficiency of structures.

Through the session participants had the opportunity to dive deeper into the critical Indian Standards (IS) codes that form the backbone of civil engineering and structural design in India.

The session was attended by 26 students. The session was coordinated by Prof. M. S. Seth under the guidance of Dr. J. A. Amin, Professor GTU-SET.

Glimpses of Event

