



Vishnu Waman Thakur Charitable Trust's  
**VIVA Institute of Technology**

Approved by AICTE New Delhi, Recognized by DTE, Govt. of Maharashtra  
And Affiliated to University of Mumbai

**ACCREDITED by NAAC with "B++" Grade**

**Topic Name:** GUEST LECTURE ON CONSTRUCTION SAFETY

**Sub Name:** CONSTRUCTION MANAGEMENT

**Guest Name:** Mr. SUPRABH SAWANT

**Date:** 09 April 2025

**Time:** 10:00 am

**INTRODUCTION:-**

Construction management safety involves implementing procedures and practices to protect workers, equipment, and the public from potential hazards on construction sites. It is a critical component of project planning and execution, ensuring that safety regulations and standards are followed to minimize accidents and injuries. Construction management safety is a vital aspect of overseeing building projects, focusing on protecting the health and well-being of workers, site visitors, and the general public. Due to the high-risk nature of construction work—which often involves heavy machinery, working at heights, electrical systems, and hazardous materials—implementing a strong safety management system is essential.

Effective safety in construction management begins with thorough planning and risk assessment. Managers must identify potential hazards early in the project and develop strategies to eliminate or control them. Safety training for all workers is crucial, ensuring they understand how to use equipment safely, follow site procedures, and respond to emergencies. Personal Protective Equipment (PPE) like helmets, gloves, safety boots, and harnesses must be provided and worn at all times. Regular site inspections, safety audits, and toolbox talks help maintain awareness and ensure compliance with regulations such as those from OSHA or local governing bodies. Construction safety is not just about avoiding fines or legal issues—it's about creating a culture where safety is prioritized. A safe construction site leads to fewer accidents, reduced downtime, and a more efficient workflow. Ultimately, safety in construction management protects both human life and the success of the project.

