

Report on Corporate Training on “Lean Construction” for UltraTech Cement’s Contractors Organized by Department of Civil Engineering, Integral University on 31st January 2026

The Department of Civil Engineering, Integral University, organized a Corporate Training on “Lean Construction” for UltraTech Cement’s contractors on 31st January 2026 under the Memorandum of Understanding (MoU) signed between Integral University and UltraTech Cement. The training program was conducted with the objective of familiarizing industry professionals with modern construction management practices based on lean philosophy. The primary aim of the program was to enhance productivity, minimize waste, improve workflow efficiency, and promote value-driven construction processes. The session emphasized the importance of adopting systematic and collaborative approaches in construction projects to achieve improved quality, cost efficiency, and timely completion while maintaining safety standards. A total of 27 contractors attended the training session.

The corporate training was delivered by Mr. Faraz Hasan Qadri, Assistant Professor, Department of Civil Engineering, Integral University. He is a graduate in Civil Engineering from Aligarh Muslim University (AMU) and holds an M.Tech in Construction Technology and Management from IIT Delhi. With over 15 years of combined experience in teaching, research, and industry, Mr. Qadri possesses extensive expertise in construction planning, project management, lean construction practices, and contemporary construction technologies. His strong academic background, coupled with significant industrial exposure, enabled him to effectively bridge theoretical concepts with practical site applications.



Mr. Faraz Hasan Qadri during his presentation



Mr. Faraz Hasan Qadri interacting with the audience

During the training session, Mr. Faraz Hasan Qadri provided a comprehensive overview of the concept and evolution of Lean Construction, explaining its relevance in the present-day construction industry. He discussed the fundamental principles of lean thinking and their adaptation from manufacturing systems to construction projects. The session focused on identifying non-value-adding activities, reducing various forms of waste in construction operations, and improving

overall process reliability. Emphasis was also placed on the Last Planner System, value stream mapping, and continuous improvement techniques, highlighting their role in enhancing planning accuracy, stakeholder coordination, and project performance.

Mr. Qadri further elaborated on the practical implementation of lean tools at construction sites, particularly in large-scale industrial and infrastructure projects. Real-life examples and case studies were discussed to help participants understand how lean methodologies can improve resource utilization, minimize delays, and enhance quality and safety performance. The training also highlighted how the adoption of lean construction practices can support sustainable growth, cost optimization, and improved competitiveness for UltraTech contractors.



Audience during the presentation

The training session was highly interactive, with participants actively engaging in discussions and raising questions related to site-level challenges and implementation issues. The queries raised by the participants were addressed effectively by the resource person with practical and solution-oriented explanations.

At the conclusion of the program, a vote of thanks was delivered on behalf of UltraTech Cement, expressing sincere appreciation to Mr. Faraz Hasan Qadri for his valuable and insightful lecture, along with interest in further engagement on the topic through future training programs. Mr. Qadri also expressed his gratitude to Mr. Vikash Singh, Assistant Professor, for his kind support throughout the event, and to Prof. Syed Aqeel Ahmad for his continuous encouragement and institutional support.

Overall, the Corporate Training on Lean Construction was highly successful and well received by the participants. The program served as a valuable platform for strengthening industry–academia collaboration and promoting the adoption of modern construction management practices among industry professionals.

The Corporate Training on “Lean Construction” aligns with **SDG 9 (Industry, Innovation and Infrastructure)** by promoting innovative and efficient construction management practices that strengthen sustainable industrial development and infrastructure delivery. It supports **SDG 11 (Sustainable Cities and Communities)** by encouraging improved construction processes that contribute to resilient and sustainable infrastructure. The program also advances **SDG 12 (Responsible Consumption and Production)** through its emphasis on waste reduction and optimal resource utilization. Furthermore, it reflects **SDG 17 (Partnerships for the Goals)** by fostering strong industry–academia collaboration under the MoU between Integral University and UltraTech Cement.