INDUSTRIAL VISIT REPORT

"INDUSTRIAL VISIT TO ULTRATECH RMC PLANT, DEVA ROAD, LUCKNOW"

The **Department of Civil Engineering, Babu Banarasi Das Institute of Technology and Management (BBDITM), Lucknow**, in association with **UltraTech**, organized an industrial visit on **"UltraTech RMC Plant, Deva Road, Lucknow"** on **22th September 2026 at 11:00 AM**.

The construction industry is undergoing rapid transformation with the uses of cement and different types of admixtures. In view of these developments, the visit was organized to provide students, faculty members, and industry professionals with valuable insights into the changing construction sector and the opportunities emerging from technological advancement.

The program commenced with the blessings and encouragement of Mrs. Alka Das Gupta, Chairperson, BBD Education Group, and Mr. Vinj Sagar Gupta, President, BBD Group. The visit was inaugurated by Dr. Praful Arvind, Director, BBDITM, and Dr. Supriya Pharasiapam, Head, Department of Civil Engineering. Their support and guidance provided an encouraging environment for the successful conduct of the program. The RMC plant visited under the supervision of faculty coordinators Dr. Kamal Nabh Tripathi, Associate Professor and Ms. Kajal Singh, Assistant Professor, civil engineering department, BBDITM with students.

The visit featured **Er. Vijay Vishwkarma** RMC quality head and **Er. Jyoti**, Quality Manager and industry enthusiast, shared his expertise on the RMC plant, construction technology, and mix design of different grade of cement.

The visit witnessed enthusiastic participation from the Ultratech team and Civil engineering department faculty and students with a total of **51 participants**, comprising **49 students** and **02 faculty** members. The active participation reflected the keen interest of students and faculty members in understanding the applications of admixtures, different types of chemicals, coarse and fine sand, cube casting, slump test, preparation of concrete using batch mixer of capacity of 10 m3, digital transformation, and emerging technologies in the construction industry.

During the visit, the **Er. Jyoti** elaborated on how modern technologies are reshaping conventional construction practices. The visit also focused on the changing skill requirements of civil engineering professionals. Participants were encouraged to develop technological competencies along with strong fundamental knowledge of civil engineering.

The visit provided participants with a better understanding of the preparation of concrete while also highlighting challenges such as skill gaps, technology adoption, test results, implementation costs, and the need for responsible and sustainable use of technology.

Key Learning Outcomes

The webinar enabled participants to:

1. Production process of Ready-Mix Concrete (RMC)
2. Quality control and testing
3. Handling and transportation of RMC
4. Placement of RMC at construction sites