

Department of Civil Engineering
Geetanjali Institute of Technical Studies, Udaipur

**AN INDUSTRIAL VISIT TO THE ULTRATECH READY-MIX
CONCRETE PLANT**

Name of the event/activity: Industrial visit at Ultra tech RMC plant, Udaipur

Academic session: 2024-25

Basic details of the event:

Date & Time: 27th March, 2025 & 10:00 AM onwards

Place: Ultratech RMC Plant, Udaipur

Organized by: Department of Civil Engineering

Participants: 2nd Year 4 Semester students 2023-27 batch

Objectives of the program:

The objective is to educate first year civil engineering students on the operational processes of Ready-Mix Concrete (RMC) facilities. This includes enhancing their understanding of essential construction materials such as cement, sand, aggregates, and M-Sand, while also emphasizing the critical elements of quality assurance and management in this field.

Importance of the Program:

1. To familiarize students with Ready-Mix Concrete (RMC).
2. To provide knowledge about M-Sand.
3. To introduce students to AAC blocks and their applications.
4. To understand various concreting operations, including mixing, batching, placing, and compacting.
5. To conduct on-site cube tests and assess workability using the slump cone method.

Vision of Department

Create an academic ambience to develop civil engineering professionals with technical competencies to meet society and industry needs.

Mission of Department

1. To inculcate among students with fundamentals of basic sciences & engineering required for civil engineering.
2. To impart and empower the quality education required for development of the society and industry.
3. To provide state-of-the-art resources that contributes to ethical & congenial learning environment.

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Photographs of the activity/event:



Expert name and details:

Mr. Manmohan QC Lead, Ultratech RMC, Udaipur Unit

Outcome of the program

By the end of the visit, students gained valuable knowledge about various building materials and their combination to create Ready-Mix Concrete (RMC). They also developed an understanding of the applications of RMC and the different tests performed on RMC mixes to evaluate their quality.

News Coverage: Not yet

Submitted by:

1. Mr. Denis Jangeed (Asst. Prof., CE)
2. Mr. Gaurav Sharma (Asst. Prof., CE)

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