



Vishnu Waman Thakur Charitable Trust's

VIVA INSTITUTE OF TECHNOLOGY

Shirgaon, Post: Virar (w), Tal: Vasai, Dist: Palghar – 401 305.

CIVIL ENGINEERING DEPARTMENT

Topic Name: Building Materials and Construction Techniques

Place: AMEYA RMC PLANT, NALLASOPARA West

Date: 10th March, 2023

Time: 10:30 am

Programme/Summary details : As per the curriculum of University of Mumbai students of SECOND Year Civil Engineering having BMCT subject, required to visit AMEYA RMC PLANT. site as a part of their term work. A site visit was arranged to NALLASOPARA West, Maharashtra 401303. We reached there by 10:30 am in the morning and together we went from one jetty side to the other.

About the Site : Ready Mix concrete that is manufactured in a factory or batching plant, according to a set recipe, and then delivered to a work site by truck-mounted- transit mixers. This results in a precise mixture, allowing specialty concrete mixtures to be developed and implemented on construction sites. The first ready-mix factory was built in the 1930s, but the industry did not begin to expand significantly until the 1960s, and it has continued to grow since then. A concrete plant, also known as a batch plant or batching plant, or a concrete batching plant, is equipment that combines various ingredients to form concrete. Some of these inputs include water, air, admixtures, sand, aggregate (rocks, gravel, etc.), fly ash, silica fume, slag, and cement. There are two main types of concrete plants: Dry mix plants and Wet mix plants, and also plants that contain both a transit mix side and a central mix side while utilizing common material storage points. A concrete plant can have a variety of parts and accessories, including mixers (either tilt drum or horizontal or in some cases both), dust collectors.

