



Vishnu Waman Thakur Charitable Trust's

VIVA INSTITUTE OF TECHNOLOGY

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

CIVIL ENGINEERING DEPARTMENT

Subject Name: CONSTRUCTION EQUIPMENT AND TECHNIQUES

Place : D.S. Enterprises, Santacruz(w)

Prem sagar G/136 VP junction and JK Mehta, Santacruz Dist: Mumbai

Date: 21/03/2024

Time: 11:00 am

Programme/Summary details : As per the curriculum of University of Mumbai students of Third Year Civil Engineering having CONSTRUCTION EQUIPMENT AND TECHNIQUES Subject, required to visit site working on different equipments as a part of their term work. A site visit was arranged D.S. Enterprises, Santacruz(w) Prem sagar G/136 VP junction and JK Mehta, Santacruz Dist: Mumbai.

TOWER CRANE:-

A crane is a machine used to move materials both vertically and horizontally, utilizing a system of a boom, hoist, wire ropes or chains, and sheaves for lifting and relocating heavy objects within the swing of its boom. The device uses one or more simple machines, such as the lever and pulley, to create mechanical advantage to do its work. Cranes are commonly employed in transportation for the loading and unloading of freight, in construction for the movement of materials, and in manufacturing for the assembling of heavy equipment.

