



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:** Geotechnical Engineering -2

**Place:** EVA Coop hsg society, Plot no G152 , Opp Pernia Pop-up , Juhu Tara Road , Santacruz West.

**Date:** 08/04/ 2024

**Time:** 10:30 am

**Programme/Summary details :** As per the curriculum of University of Mumbai students of Third Year Civil Engineering having Geotechnical Engineering -2 subject, required to visit pile foundation site as a part of their term work. A site visit was arranged to : EVA Coop hsg society, Plot no G152 , Opp Pernia Pop-up , Juhu Tara Road , Santacruz 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 : About piling process :**

Piling, in construction, refers to the process of driving long, slender columns (known as piles) into the ground to provide structural support for buildings, bridges, or other structures. These piles are typically made of materials like concrete, steel, or wood and are driven deep into the ground until they reach a stable layer of soil or rock. Piling is crucial in areas where the soil may not be able to support the weight of the structure adequately, such as in areas with soft or loose soil, or in seismic zones where stability is essential.

