

Name of Lab: - Concrete Technology Lab

Name of Lab In charge: - Prof. Bhutekar S. B.

Name of Lab Assistant: - Mr. Patil V. B.

The main objective of Concrete Technology Lab is to conduct the Tests on various materials to be used in the construction activity. By performing the test on materials by using different methods and apparatus their properties and suitability can be decide for respective purposes.

Maharashtra State Board of Technical Education

Equipment List

Name of Lab: - Concrete Technology Lab

Particulars: - Specifications of Major/essential Equipment required for conduction of practical as per curriculum

Sr. No	Particulars	No of Available	Cost
1	Set of Sieves	6	Rs.27400/-
2	Agg. Crushing Value Apparatus	1	Rs.6300/-
3	Agg. Impacting Testing Machine	1	Rs.9500/-
4	Blains Air Permeability Apparatus	3	Rs.12800/-
5	Compaction Factor Apparatus	1	Rs.17100/-
6	Compression Testing Machine Specification: Capacity (In kN): 1000 kN Pressure Gauge (In kN): 1000 kN Least Count (In kN): 5 kN Pressure Gauge Diameter (mm): 150 Vertical Daylight (mm): 320 (Adj) Horizontal Clearance (mm): 260 Platen Size (mm): 220 x 165	1	Rs.478125/-

	Concrete Mixer Specification: Model-17549		
7	Mixer consist steel vessel 55/110 lit capacity, vessel rotate 20/22 RPM. Mixer fitted with 0.5HP wired for 230V 8ph.50HZ	1	Rs.57500/-
8	Cube Mould (70.7mm100mm,150mm)	10	Rs.25500/-
9	Cylindrical Mould	10	Rs.35000/-
10	Density Basket	2	Rs.5600/-
11	Hot Oven	1	Rs.14500/-
12	LOS-Angeles Abrasion Machine	1	Rs.86500/-
13	Motorised Cube vibration Machine	1	Rs.31300/-
14	Sieve Shaker Motorized	1	Rs.22300/-
15	Vibrating Table	1	Rs.31300/-
16	Vicat Needle Apparatus	3	Rs.7800/-
17	Water Bath Electric Heating	1	Rs.9000/-
Total Cost			Rs.877525/-

Lab In charge

HOD