

Name of Lab: - Surveying Lab

Name of Lab In charge: - Prof. Toshniwal S.S.

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

The main objective of Surveying Lab is to learn the basics of Surveying and it provides students hands on experience to supplement instruction in related Courses of Surveying.

Maharashtra State Board of Technical Education

Equipment List

Name of Lab: - Surveying & Adv Surveying Lab

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

Sr. No	Particulars	No of Available	Cost
1	Alidade (Telescopic)	1	Rs.4700/-
2	Automatic Level Specification: Model B40A length-2*4mm Magnification-24X, stadia power ration 1:100, dia-99mm,size-122 x 214 x 140 mm	2	Rs.29372/-
3	Cross Staff With Stand	6	Rs.3300/-
4	Dumpy Level	10	Rs.79328/-
5	Levelling Staff (4m)	8	Rs.10400/-
6	Optical Square	10	Rs.5500/-
7	Plane Table With Board, Stand	8	Rs.39400/-
8	Planimeter (Digital & Polar)	1	Rs.39800/-
9	Prismatic Compass	12	Rs.25632/-
10	Ranging Rods (2m)	75	Rs.22500/-
11	Theodolite (Electronic)	1	Rs.101000/-
12	Theodolite (One Second Micro-optic)	1	Rs.150000/-

13	Theodolite (Vernier)	6	Rs.102000/-
14	Tilting Level With Stand	2	Rs.14000/-
15	Total Station With Accessories Specification: Model- R 425VN pentax Magnification 30X Measuring method-absolute rotary encoder minimum 1''/5'', Minimum focus-1.0m, resolving power-3.0'' Reflection sheet-1.5-1600m.	1	Rs.380000/-
Total Cost			Rs.1006932/-

Lab In charge

HOD