

Name of Lab: - Mechanical Engineering Workshop Lab

Name of Lab In charge: - Prof. Lahane U.S.

Objective :To familiarise with the basic manufacturing processes and to study the various tools and equipment used, hands-on training is given in different sections. Essentially students should know the labour involved, machinery or equipment necessary, time required to fabricate and also should be able to estimate the cost of the product or job work.

Maharashtra State Board of Technical Education

Equipment List

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

Sr. No.	Particulars	No of Available	Cost
1	Milling machine	01	289600
2	Dividing head	01	26640
3	Surface grinder	01	172975
4	Lathe machine	15	3837968
5	Taper turning attachment	01	18270
6	Vernier calliper	15	75450
7	Wood working lathe	05	187850
8	Wood working vice	19	68896
9	Flate file (smooth)	10	2021
10	Flate file (Baster)	15	2349

11	File (Baster) SF	25	2440
12	File triangular (Baster)	20	4880
13	Vernier height gauge	01	2312
14	Surface plate	01	7900
15	Angle plate	01	2925
16	Bench vice	20	71808
17	Magnetic V block	01	10080
18	Pipe vice	04	5340
19	MIG welding machine	01	18530
20	ARC welding machine	02	48600
21	Bench drilling machine	01	15000
22	Hydraulic hex saw	01	57545
23	Anvil	10	142000
24	Blower	04	35900
25	Leg vice	02	7500
26	Sheet metal tools	01	1900
27	Tin cutter	10	860
Total Cost			51,17539

Lab In charge

HOD