

Name of Lab: - Power Engineering Lab

Name of Lab In charge: - Prof. Khan A.H.

Name of Lab Assistant: - Mr. Kadam.U.S.

To provide the Detail knowledge of Internal combustion engine include multi cylinder engine and testing of Petrol and diesel engine to find their efficiencies and to draw heat balance sheet of Diesel engine, According to MSBTE syllabus in this lab students can also do the performance analysis of Two stage reciprocating air compressor and its working, students can also learn the construction and working of window air conditioner, Refrigerator, Water cooler and Ice Plant

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.	Equipment Name	No of Equipments Available	Cost
1	Diesel Engine -Single Cylinder	1	135790
2	Exhaust Gas Analyzer With Accessories	1	210000
3	Four Stroke ,Four Cylinder Petrol Engine	1	465000
4	Rope Brake Dynamometer	1	38980
5	Sling Psychrometer		956
6	Water Cooler Test Rig	1	67252
Total Cost			917978/-

Lab In charge

HOD