



Government Polytechnic, Sakoli

Department Of Mechanical Engineering

Details of Refrigeration and Air conditioning Lab



S.N.	Particular	Details
1	Lab Incharge	Prof. S.A.DHANKUTE
2	Lab Assistant/Instructor(TLA)	Shri.V.A. Meshram

List of Major Equipment Available in Lab	
1	WATER COOLER EXPERIMENT SET
2	RECIRCULATION EXPERIMENTAL Air Condition Test Rig
3	COMPUTERISED VAPOUR COMPRESSION REFRIGERATION CYCLE TEST RIG
4	Cold Storage Unit Capacity-40ltr

List of Major Equipment and Cost of Theory of Machine Laboratory

S. N.	Description of Items	No. of Items	Cost in Rupees	Remarks
1	CHARGING UNIT SET INCLUDING VACCUME PUMP SET -(DSR NO: GPS/Mech/DSR NO-1 / Page No-29)	01	25410/-	
2	1.5 TON WINDOW TYPE ROOM AIR CONDITIONER DSR NO: GPS/Mech/DSR NO-2 / Page No-8	01	25447/-	
3	WATER COOLER EXPERIMENT SET DSR NO: GPS/Mech/DSR NO-2 / Page No-89	01	54000/-	
4	RECIRCULATION EXPERIMENTAL Air Condition Test Rig DSR NO: GPS/Mech/DSR NO-2 / Page No-92	01	80000/-	
5	COMPUTERISED VAPOUR COMPRESSION REFRIGARATION CYCLE TEST RIG DSR NO: GPS/Mech/DSR NO-3 / Page No-26(2)	01	161700/-	
6	Cold Storage Unit Capacity-40ltr DSR NO: GPS/Mech/DSR NO-4 / Page No-46	01	63000/-	
Total Laboratory Costing			409557/-	

Name & Signature of Lab Incharge