



Government Polytechnic, Sakoli

Department Of Mechanical Engineering

Details of Automobile Engineering Lab **(Room No-)**



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

List of Major Equipment Available in Lab	
1	Demonstration Model of Mahindra Jeep
2	Cut-section Model of Differential of Automobile
3	Model of Diaphragm Clutch
4	Cut-section Model of Synchromesh Gear Box
5	Model of Single Plate Clutch

List of Major Equipment and Cost of Automobile Engineering Laboratory

S.N.	Description of Items	No. of Items	Cost in Rupees	Remarks
1	DIFFERENTIAL UNIT DSR NO: GPS/Mech/DSR NO-3 / Page No-34 Date of Purchase:2007-08	1 No	34962/-	
2	SIGLE PLATE CAISPRING & DIOPHRAGM SPRING TYPE CLUTCH DSR NO: GPS/Mech/DSR NO-3 / Page No-44 Date of Purchase:2008-09	1 No	21263/-	
3	WORKING MODEL OF GAS TURBINE DSR NO: GPS/Mech/DSR NO-4 / Page No-17 Date of Purchase:2006-07	1 No	15450/-	
4	SYNCHROMESH GEARBOX DSR NO: GPS/Mech/DSR NO-4 / Page No-23 Date of Purchase:2006-07	1 No	19945/-	
5	DRUM BRAKE	1 No		All Demonstration Models are made by ME6I (2020-21) students.
6	DIFFERENTIAL UNIT	1 No		
7	SHOCK ABSORBER	1 No		
8	SYNCHROMESH GEARBOX	1 No	-	
9	WHEEL	1 No		
10	TYRES	1 No		
11	SIGLE PLATE CLUTCH	1 No		
12	MULTI-PLATE CLUTCH	1 No		All Demonstration
13	BALL JOINT	1 No		

14	STUB AXLE	1 No		Models are made by ME6I (2020-21) students.
15	PROPEELER SHAFT	1 No		
Total Laboratory Costing				

Name & Signature of Lab Incharge

