

**4. Material Testing Lab.:**

S.No	Equipment/Apparatus Name	Qty.	Remarks if any
1.	Dial type Universal Testing Machine 40 Tones	01	
2.	Izod Impact testing machine 300 Joule	01	

**5. Mechanics Of Machine and Vibration Lab.:**

S.No	Equipment/Apparatus Name	Qty.	Remarks if any
1.	Gyroscope Apparatus Disc of stainless steel, motor with variable speed of standard make, weights: 2kg, 1kg, 0.5kg, and electronic stopwatch.	01	
2.	Universal Governor Apparatus Tachometer, spindle of stainless steel, motor with variable speed of standard make FHP motor, four different types of governor (Watt, Porter, Hartnell, Proell)	01	
3.	Cam Analysis Machine Stroboscope, cam shaft of stainless steel, cams (Tangent, Eccentric, Circular arc type), Followers (Roller, Knife edge, Mushroom), weights: 1kg, 500gm, 200gm & 100gm, motor with variable speed, .5HP, 0-1500RPM with speed controller	01	
4.	Journal Bearing Test Rig Tachometer, 4 adjustable weights, variable speed FHP motor oil recommended SAE40	01	
5.	Oscillating cylinder And whitworth's Quick Return Mechanism	01 each	Mechanisms are in one set.
6.	Oldham's coupling True zero backlash Oldham coupling from speeds up to 3000RPM temperature ranges -20C to +60C	01	
7.	Universal Couplings	01	
8.	Synthesis on Planner linkage	One set	
9.	Experiment on Epicyclic Gear Train Variable speed DC motor, 1HP, speed control unit, Digital RPM indicator	One set	
10.	Experiment on velocity and acceleration (kinematics Mechanism)	01	

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