



Government Polytechnic, Sakoli

Department Of Mechanical Engineering

Details of Theory of Machine



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

List of Major Equipment Available in Lab	
1	MODEL OF BELT CONVEYER
2	MODEL OF BUCKET CONVEYER

List of Major Equipment and Cost of Theory of Machine Laboratory

S.N.	Description of Items	No. of Items	Cost in Rupees	Remarks
1	HOOKS COUPLING (DOUBLE) (DSR NO: GPS/Mech/DSR NO-2 / Page No-10)	1 No	484/-	
2	RECEIPROCATING ENGINE MECHANISM DSR NO: GPS/Mech/DSR NO-2 / Page No-20	1 No	740/-	
3	DOUBLE SHOE BRAKE MODEL CONSISTS OF A BRAKE DRUM DSR NO: GPS/Mech/DSR NO-2 / Page No-21	1 No	1035/-	
4	ACTION OF CAMS DSR NO: GPS/Mech/DSR NO-2 / Page No-25	1 No	770/-	
5	FRICTION WHEEL DRIVE DSR NO: GPS/Mech/DSR NO-2 / Page No-26	1 No	325/-	
6	BELT DRIVE	1 No	770/-	

	DSR NO: GPS/Mech/DSR NO-2 / Page No-27			
7	EPICYCLE GEAR DSR NO: GPS/Mech/DSR NO-2/ Page No-32	1 No	445/-	
8	INTERNAL GEAR & PINIAN DRIVE MODEL DSR NO: GPS/Mech/DSR NO-2 / Page No-33	1 No	510/-	
9	HOOKS COUPLING (SINGLE) DSR NO: GPS/Mech/DSR NO-2 / Page No-35	1 No	475/-	
10	GEAR BOX DSR NO: GPS/Mech/DSR NO-2/ Page No- 36	1 No	720/-	
11	BEVEL GEAR DSR NO: GPS/Mech/DSR NO-2/ Page No- 38	1 No	332/-	
12	SPUR GEAR DSR NO: GPS/Mech/DSR NO-2/ Page No- 39	1 No	364/-	
13	HELICAL GEAR DSR NO: GPS/Mech/DSR NO-2/ Page No- 40	1 No	332/-	
14	SPIRAL GEAR DSR NO: GPS/Mech/DSR NO-2/ Page No- 41	1 No	320/-	
15	D-SLIDE VALVE DSR NO: GPS/Mech/DSR NO-2/ Page No- 42	1 No	639/-	
16	OSCILLATING CYLINDER DSR NO: GPS/Mech/DSR NO-2/ Page No- 43	1 No	681/-	
17	NUT BOLT & LOCKING ARRANGEMENT DSR NO: GPS/Mech/DSR NO-2/ Page No- 48	1 No	545/-	
18	WITHWORTH QUICK RETURN DSR NO: GPS/Mech/DSR NO-2/ Page No- 64	1 No	690/-	
19	SINGLE SHOE BRAKE DSR NO: GPS/Mech/DSR NO-2/ Page No- 65	1 No	945/-	
20	BAND BRAKE DSR NO: GPS/Mech/DSR NO-2/ Page No- 66	1 No	945/-	
21	BAND BLOCK BRAKE DSR NO: GPS/Mech/DSR NO-2/ Page No- 67	1 No	945/-	
22	DISK BRAKE DSR NO: GPS/Mech/DSR NO-2/ Page No- 68	1 No	798/-	
23	INTERNALLY EXPANDING BRAKE DSR NO: GPS/Mech/DSR NO-2/ Page No- 69	1 No	695/-	
24	MULTIPLATE CLUTCH DSR NO: GPS/Mech/DSR NO-2/ Page No- 70	1 No	990/-	
25	CONE CLUTCH DSR NO: GPS/Mech/DSR NO-2/ Page No- 71	1 No	720/-	
26	PORTER GOVERNER METALIC DSR NO: GPS/Mech/DSR NO-2/ Page No- 72	1 No	695/-	
27	LOADED GOVERNER	1 No	695/-	

	DSR NO: GPS/Mech/DSR NO-2/ Page No- 73			
28	HARTNEL GOVERNER DSR NO: GPS/Mech/DSR NO-2/ Page No- 74	1 No	695/-	
29	WORKING MODEL OF BELT CONVEYER DSR NO: GPS/Mech/DSR NO-2/ Page No- 80	1 No	1990/-	
30	WORKING MODEL OF BUCKET CONVEYER DSR NO: GPS/Mech/DSR NO-2/ Page No- 81	1 No	2990/-	
31	WORKING MODEL OF CHAIN CONVEYER DSR NO: GPS/Mech/DSR NO-2/ Page No- 82	1 No	2990/-	
Total Laboratory Costing			26270/-	

Name & Signature of Lab Incharge