

Padm Dr. V. B. Kolte College Of Engineering Malkapur**Department Of Mechanical Engineering****Theory of Machine Laboratory**

Sr. No.	Name of Equipment's	Quantity	Amount
1	Lever safety valve	1	1050
2	Spring loaded safety valve	1	1050
3	Dead weight safety valve	1	2000
4	Water gauge model	1	1050
5	Green economizer model	1	1020
6	Single shoe brake	1	3900
7	Double shoe brake	1	3900
8	Band brake	1	3900
9	Band and block brake	1	3900
10	Disc brake	1	2900
11	Universal coupling	1	1015
12	Hooks coupling	1	1740
13	Flexible coupling	2	1450
14	Oldham's coupling : Big	2	2755
15	Oldham's coupling Small	1	1599
16	Cotter joints	1	655
17	Socket and spigot joint	1	1233
18	Knuckle joint	1	510
19	Bell crank liver	1	4500
20	Model of Flat belt pulley	1	6500
21	Chain drive	1	1815
22	Single stage spur gears	1	1377
23	Claw clutch	1	2465
24	Conical friction clutch	1	2465
25	Plate clutch	1	2320
26	Centrifugal clutch	1	2755
27	Multiplate clutch	1	3625
28	Train of gear wheels : Simple	1	1450
29	Train of gear wheels : Compound	1	5220
30	Flexible coupling	1	1450
31	Ball bearing	1	435
32	Roller bearing	1	435
33	Taper bearing	1	435
34	Plummer block or Pedestal bearing	1	580
35	Shafting general bearing - simple type	1	290

36	Screw jack apparatus	1	1740
37	The combined compression and extension of springs apparatus	1	5365
38	Inversion of single slide crank mechanism	1	2500
39	Rotary I.C. (Wankel engine)	1	1600
40	Withworth quick return mechanism	1	5735
41	Crank slotted lever apparatus	1	4355
42	Inversion of double slide crank mechanism	1	4640
43	Scotch yoke mechanism	1	2030
44	Oldham's coupling : Big	1	2755
45	Geneva drive	1	1595
46	Bicycle wheel Gyroscope	1	1300
47	Ackerman steering mechanism	1	2100
48	Foot operated air pump	1	13500
49	Cams and Followers set of 5 -	1	58000
50	Watt governor - Ordinary type	1	2350
51	Hartnell Governor	1	2400
52	Porter Governor	1	2300
53	Rope brake and Dynamometer	1	10200
54	Diaphragm type single plate clutch	1	2500
55	Universal Vibration Apparatus	1	30000
56	Motorized Gyroscope Apparatus	1	30000
57	Whirling Shaft Apparatus	1	30000
58	Static & Dynamic Balancing Apparatus with regulator and weight	1	30000
59	Centrifugal Governer Working Model	1	32000
		Total	352709