

St.Joseph's College of Engineering, Chennai 600 119
Department of Mechanical Engineering
Basic Engineering and Practices Laboratory Equipment Details

S.No	Name of the equipment	Description of the equipment	Quantity
1	BENCH VICE	Carpentary Purpose	33
2	BENCH GRINDER	Carpentary Purpose	01
3	TRY SQUARE	Carpentary Purpose	36
4	RIP SAW	Carpentary Purpose	38
5	TENON SAW	Carpentary Purpose	05
6	MARKING GUAGE	Carpentary Purpose	04
7	FIRMER CHISEL	Carpentary Purpose	47
8	MORTISE CHISEL	Carpentary Purpose	35
9	METAL JACK PLANE	Carpentary Purpose	11
10	WOOD RAPS FLAT FILE	Carpentary Purpose	05
11	WOOD RAPS ROUND FILE	Carpentary Purpose	05
12	CLAW HAMMER	Carpentary Purpose	01
13	GIMLET	Carpentary Purpose	01
14	OIL STONE	Carpentary Purpose	02
15	MALLET	Carpentary Purpose	25
16	STEEL RULE	Carpentary Purpose	36
17	PART CHISEL	Carpentary Purpose	17
18	MITRE SQUARE	Carpentary Purpose	04
19	OIL CAN	Carpentary Purpose	01
20	BRADAWL	Carpentary Purpose	01
21	MALLET	Carpentary Purpose	20

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22	METAL JACK PLANE	Carpentary Purpose	14
23	BOSCH 13MM DRILLING MACHINE	Carpentary Purpose	01
24	Jack Planner 12"	Carpentary Purpose	10
25	Carpentry Vice 8"	Carpentary Purpose	05
26	Rib Saw 12"	Carpentary Purpose	05
27	Bench Grinding Machine	Carpentary Purpose	01
28	Wooden Flat File 12"	Carpentary Purpose	05
29	Firmer Chisel	Carpentary Purpose	05
30	Hacksaw Frame	Carpentary Purpose	05
31	ELECTRO WELD WELDING TRANSFORMERS WITH ACCESSORIES	Welding Purpose	01
32	TIG"WELDING SET UP	Welding Purpose	01
33	MIG 'WELDING SET UP	Welding Purpose	01
34	12" EXHAUST FAN	Welding Purpose	01
35	WELDING MACHINE 450 AMPS	Welding Purpose	03
36	14" CUT OFF MACHINE WITH 1.5 HP MOTOR	Welding Purpose	01
37	APRON (SIGLE PIECE)	Welding Purpose	10
38	WELDING TONG	Welding Purpose	10
39	LEATHER HAND GLOVES	Welding Purpose	10

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40	WIRE BRUSH M.S	Welding Purpose	10
41	CHIPPING HAMMER	Welding Purpose	10
42	EARTH CLAMP	Welding Purpose	05
43	WELDING SHIELD WITH GLASS	Welding Purpose	10
44	WELDING HOLDER	Welding Purpose	05
45	Arc Welding Machine 450 Amps	Welding Purpose	02
46	Welding black glass	Welding Purpose	10
47	Number Punch	Welding Purpose	05
48	PIPE VICE 4"	Plumbing Purpose	07
49	PIPE VICE 2"	Plumbing Purpose	03
50	BENCH VICE	Plumbing Purpose	11
51	PIPE WRENCH	Plumbing Purpose	14
52	DIE HOLDER	Plumbing Purpose	03
53	HACK SAW FRAME	Plumbing Purpose	03
54	DIE HOLDER SPANNER	Plumbing Purpose	02
55	DIES(1 INCH)	Plumbing Purpose	03
56	DIES(1/2 INCH)	Plumbing Purpose	02
57	DIES(3/4 INCH)	Plumbing Purpose	01
58	T JOINT 1 INCH	Plumbing Purpose	01
59	1/2 INCH CHECK VALVE	Plumbing Purpose	22

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60	1/2 INCH NON RETURN VALVE	Plumbing Purpose	18
61	TAP	Plumbing Purpose	18
62	FLAGE FITTING PIPE	Plumbing Purpose	13
63	GATE VALVE	Plumbing Purpose	17
64	1 INCH REDUCER	Plumbing Purpose	01
65	I INCH COUPLING	Plumbing Purpose	01
66	FOOT VALVE	Plumbing Purpose	01
67	BALL VALVE	Plumbing Purpose	01
68	FINISH FILE	Plumbing Purpose	10
69	PIPE VICE 4"	Plumbing Purpose	10