

LIST OF LABS/WORKSHOPS

- **Computer Lab**
- **Press Workshop**
- **Grinding and Polishing Shop**
- **Heat Treatment Shop**
- **Assembly Workshop**
- **Packing Workshop**

Note: Single hall with partitions can be utilized as Press workshop, Assembly workshop and Packing workshop.

LIST OF TOOLS / MACHINERY / EQUIPMENT ETC

(For a Class of **25** Students)

Name of Trade	Knife Manufacturing Techniques
Duration of Course	6 Months

S. No	Names of Equipment / Tools / Items	Quantity
1.	Steel rule 30 cm	15 Nos.
2.	Steel Tape 3 meter	15 Nos.
3.	Vernier Caliper	15 Nos
4.	Work benches	10 Nos.
5.	Bench vice 5"	15 Nos.
6.	Straight Peen Hammer 250 grams and 500 grams	05 Nos Each.
7.	Jamboor	10 Nos.
8.	Outside Caliper 6"/15 Cm	15 Nos.
9.	Tri square 8"	15 Nos.
10.	Combination Pliers 8"	10 Nos.
11.	Open end spanner set in Inch. (double end ¼ to 1")	03 No.
12.	Open end spanner set in mm (double end 6mm to 32mm)	03 No.
13.	Screw driver straight 8" & 12"	10 Nos. each
14.	Screw driver Philips 8" & 12"	10 Nos. each
15.	Micrometer (0 to 25 mm)	10 Nos
16.	Twist Drill set 25 pieces (1/32" to ½")	01 Nos Each.
17.	C Clamp	10 Nos.

18.	Tap and die set (6-12 mm)	02 Nos.
19.	Line scribe	25 Nos.
20.	Centre punch	10 Nos.
21.	Pedestal drill machine	02 No.
22.	Pedestal grinder wheel size 300 x 50mm	02 No.
23.	Tongs	10 Nos
24.	Files	15 Nos
25.	Belt Grinder	05 Nos
26.	Bench Grinder	05 Nos
27.	Heat Treatment Furnace	01 Nos
28.	Quenching Tank	01 Nos
Computer Lab for Auto CAD		
29.	Main Server Adequately Configured To Support 25 Work Stations	01 No
30.	Work Stations along with Networking	25 Nos.
31.	Application Software Auto CAD 2000 /2006 Or Latest	Installed on each system
32.	Laser Printer	1 No.
33.	Scanner	1No
34.	Multimedia Project	01 No.
35.	UPS	As required
36.	Computer Table	25 Nos.
37.	Revolving Chairs / Stool	25 Nos.

LIST OF CONSUMABLES
(For a class of 25 students)

<u>Sr. No</u>	<u>Items</u>	<u>Quantity</u>
1	Abrasive Belts	10 Nos
2	Sand Papers	15 Nos
3	Grinding Wheels	05 Nos
4	Quenching Oil	20 Ltr
5	Polishing Compounds	10 Nos
6	Epoxy Adhesive	10 Nos
7	Rivets & Pins	10 Dozens
8	Sharpening Stones	10 Nos
10	Packaging Materials (Boxes, Bubble Wraps, Packaging Tapes)	As required
11	Printer Paper (A4)	05 Rims