

## CARPENTARY (252)

### FURINTURE AND CABINET MAKING (354)

The institution having the following requisite infrastructure, may apply for accreditation:

**A. Class Room :**

Class room for 20 students (minimum area 225 sq. ft.) should have proper ventilation, well-illuminated black board/white board and availability of adequate furniture and ceiling fans.

**B. Workshop :**

The size of workshop for 20 students should be at least 25ft. x 20 ft. with adequate lighting, exhaust & ceiling fans. The workshop should have the following Tool/ Equipments/ Apparatus or material for Practical Training:

**List of Tools and Equipments**

Equipment/Tool	Qty.	Equipment/Tool	Qty.
Carpenter square 200mm	5	File half round 2 <sup>nd</sup> cut 250mm	4each
Square bevel 50mm	5	File Rabp	4
Carpenter marking gauge	5	File slum taper	3
Carpenter morso gauge	5	Hand drill	3
Hand saw 450mm & Tenon saw 300mm	5 each	Brad arts	5
Jack plane 335mm x 50mm cutter & Smoothing plane 200mm x 50mm cutter	5 each	Gimlet set	3
		Brace	2
Chiesel firmer (bevel edge) 6mm 10mm, 15mm, 20mm and 25mm width(2 each)	10	Bit set for brace	2
Chisel mortise 6mm, 10mm, 15mm(each)	10	Carpenter pincer	5
Screw drive 300mm cabinet maker	5	Parallel clamp & C. clamp (eacj)	5
Mallet medium size	5	Adjustable bar clamp	5
Oil stone	1	Rasp cut file half round 300mm	10
<b>Tools, equipment &amp; general out fit</b>		Carving indifferent types	4 set
Spring caliper inside 150mm & Spring caliper outside 150mm	4 each	Lathe wood turning 150mm Height of centers 150mm, 1.75meter bed with a set of turning tools.	1
Trammel	4 part		
Sprit level	2	Bench girinder 200mm. Wheel double ended pedestal	1
Ripsaw 600mm	4	Portable electrician drilling machine 12mm	1
Plough plane with set of 8 cutter upto 12mm width	2	Work Bench 7'x4' with 2 carpenters vice	2
Spoke shaves 50mm cutter	2		

C. **Physical Facilities** : The institution should have the facilities for Drinking water, Bathrooms (minimum - 02), & Toilets (minimum - 05)

D. **Library** : Library should have a minimum 20 books/articles/magazines etc. related subject.

E.. **Faculty & Supporting Staff:**

Faculty & Supporting Staff	Educational/Professional Qualification	No.
Coordinator	Graduate	01
Instructor	ITI/Community Polytechnic/NIOS or equivalent certificate in Carpentry, Furniture & Cabinet Making or Diploma in Mechanical/Civil Engineering	02
Lab incharge /Lab assist.	10 <sup>th</sup> class pass preferably locally trained person	
Receptionist cum clerk	Relevant to job	01
Assistant	Relevant to job	

F. **Batch size** - Maximum 20 students in one batch.

**Note** : An institution can run Maximum 2 batches for this course.