

WOODEN FURNITURE MAKING (WFMK)

General Information :

1. Name of the Trade : Wooden Furniture Making
2. Entry Qualification : Passed Class VIII
3. Duration of Training : 06 Months [Under Vocational Short Term Course]

Objective of the Course:

- To know different wood working tools.
- To know techniques in wood working to become a good craftsman.
- Able to know to prepare T-joint for best accuracy.
- Able to know mortise, tenon and corner joints.
- Able to prepare wooden furniture like chair, table, Almirah etc.
- Able to estimate to required wood.

At the end of the trainings the trainees will be able to :

- Select wood like seasoned Know the function of tools and their maintenance.
- Know carpentry process planning, chiseling, sawing etc.
- Know working machines and their operations.
- Estimate wood material required for a particular job.
- Do independently the required wood working.

The course content is to be covered in less than 26 weeks since some weeks will be used for enrolment procedure; leave of the instructor, holidays etc.

Employment Opportunities :

Wages.

1. Building constructions for preparation of doors, windows.
2. Can join in any furniture shop in regular basis or daily to make wooden furniture etc.

Course Break-up :

- (a) Practical instruction : 288 Hours.
- (b) Theoretical instruction : 67 Hours.
- (c) Entrepreneurial Instruction : 05 Hours.

Marks Alloted :

- (a) Practical : 400
- (b) Theory : 100

Industrial visit :

Industrial cum study tour to at least two different type of carpentry workshop/ factory having modern machineries.

MODULE - I

1. Structure of wood
2. Seasoning of wood
3. Classification of wood
4. Common varieties of Indian timber
5. Carpentry tools
 - i. Marking and measuring tools
 - ii. Cutting tools
 - iii. Planing tools
 - iv. Boring tools
 - v. Striking tools
 - vi. Holding and miscellaneous tools
6. Carpentry Process
 - a. Marking
 - b. Sawing
 - c. Planing
 - d. Chiseling
 - e. Boring
 - f. Grooving
 - g. Rebating
 - h. Moulding

MODULE - 11

7. Carpentry Joints
 - i. Halving joints
 - ii. Mortise Joint
 - iii. Tenon Joints.
 - iv. Bridle Joint.
 - v. Corner Joint
 - vi. Dowel Joint
 - vii. Tongue and Groove joint
 - viii. Screw and Slot joint Dovetail joint

8. Wood working machines

- a. Wood working lathe
- b. Circular saw
- c. Band saw
- d. Scroll saw

OTJ :

- 1. Cutting saw practice
- 2. Introduction of safety rules
- 3. Identification of timber
- 4. Identification of tools for different operation
- 5. Planing practice
- 6. Grinding and chamfering,
- 7. Chiseling practice.
- 8. Use of different chisels,
- 9. Practice in making
 - i. Halving joint.
 - ii. Mortise and tenon joint,
 - iii. Bridle joint.
- 10. Setting and sharpening of different types of saws
- 11. Single and common dovetail joints

MODULE - III

- 13. Tongue and groove joint
- 14. Small articles office tray fabrication
- 15. Familiarity with wood machines
- 16. Operation of circular saw
- 17. Operation of planing mix
- 18. Operation of drilling and grinding mix
- 19. Marking of beads
- 20. Fabrication of tool, wall stands, small rack, small tables, boxes
- 21. Furniture polishing and varnishing
- 22. Fabrication of door frames and shutters and repairing

ENTREPRENEURIAL INSTRUCTION

SL No.	Course Curriculum	Hours
1.	Brief idea on nature of small business management and Industrial Technical skill.	
2.	Preparation of schemes and vetting to Financial Institutions/ Lead Bank for obtaining loans.	
3.	Rules for setting up of business / production Unit.	
4.	Maintenance of Accounts; Labour Capital etc.	
5.	Man Management, Communication, Motivation.	
6.	Operational Management.	
7.	Market Survey.	
8.	Quality Control.	
9.	Visit to Industrial units for gathering idea to start the unit.	
10.	Choice of technology as per demand of local people of the District / State.	
11.	Knowledge of Sales Tax etc.	
12.	Brief idea for Registration of SSI, Trade License, Project Report, Proposal for loans etc.	
		Total 05