

## Syllabus For MODULAR FURNITURE ASSEMBLER

<b>Course Name</b>	<b>Modular Furniture Assembler</b>
<b>SECTER</b>	<b>FURNITURE &amp; FITTINGS</b>
<b>SUB SECTER</b>	<b>MODULAR FURNITURE</b>
<b>Course Code</b>	FAF/2023/MOFA/142
<b>Job Description</b>	Production Modular furniture
<b>Course Duration</b>	240 Hrs.
<b>Trainees Entry Qualification</b>	Passed 8 <sup>th</sup> class examination with minimum experience in relevant field.
<b>Trainers Qualification</b>	Minimum 10 <sup>th</sup> pass with 03 years Diploma in Civil/ Mechanical Engineering from AICTE/ recognized board of technical education or relevant Advanced Diploma (Vocational) from NCVT with two-year experience in the relevant field. <b>OR</b> NTC/ITI passed in the trade of "Carpenter" with Two years' experience in the relevant field.
<b>Training Outcomes</b>	<ol style="list-style-type: none"><li>1. Able to use carpentry hand tool and power tool</li><li>2. Able to assemble different modular parts.</li><li>3. Able to install fittings, mouldings, finishing accessories.</li><li>4. Able to perform post installation assessment and review</li></ol>

### CONTENT

#### EVOLUTION OF WOOD IN FURNITURE INDUSTRY

Wood processed in Traditional way / Conventional way
Applications of Wood processed in Traditional way
Wood processed in Modern way
Engineered Wood Work pieces

#### ENGINEERED WOOD – SPECIAL ADVANTAGES

Engineered Wood special advantages

#### CARPENTRY HAND TOOLS

Tools for carpentry (basic level)
Marking and measuring tools
Holding tools
Cutting tools
Miscellaneous tools

#### CARPENTRY POWER TOOLS

Power Tools for a Modular Cabinet Assembler
Drill Machines, Driving bits & Drilling bits

## **TRADITIONAL FURNITURE**

What is Traditional furniture & examples?

## **MODULAR FURNITURE**

What is Modular furniture?
Why Modular furniture?
Modular furniture examples
How Modular Furniture made?

## **APPLICATION AREAS OF FURNITURE IN GENERAL**

Where Modular Furniture used?

## **EVOLUTION OF INDIAN KITCHEN**

Kitchen & its types
Evolution of Indian Kitchen over the years
Traditional Kitchen Vs Modular Kitchen
Modular Kitchen – benefits to assembler
Modular Kitchen – benefits to customer

## **MODULAR FURNITURE ASSEMBLER**

Modular Furniture Assembler

## **KNOWLEDGE REQUIREMENT**

Basic Mathematics
Geometric Shapes, angles, measurements
Calculation of Area / Volume / Circumference of shapes
Calculation of weight of panels
Pythagoras Concept

## **JOB DESCRIPTION AND SKILLSETS**

Job description of Modular furniture assembler
Skills required for being a Modular furniture Assembler
Personal Attributes Expected for the Job Role

## **RESPONSIBILITIES**

Responsibilities of Modular furniture assembler
Day to Day Activities
Instructions to use tools
Preventive measures
Safety tips
Customer friendly approach

## **UNDERSTANDING AND EXECUTION OF KITCHEN**

Process flow chart – Workspace preparation
Interpretation of symbols in a drawing
Understanding Kitchen Drawing
Site Measurements
Verification of drawing with the site
Identification and segregation of material at site
Arranging the material & cleaning the site for working

## **CABINET ASSEMBLY & HARDWARE INSTALLATION**

Process flow chart
Assembly of Modules
Modular Hardware Installation
Placement & joining of cabinets
Shutter / Drawer / Door / Pull out facia Installation

## **POST INSTALLATION ASSESSMENT**

Process flow chart – Post installation assessment
Assessment of installation as per drawing
Checking alignment and functionality
Preparing the final report
Handing over the site

## **CABINET CONSTRUCTION IN DETAIL**

Cabinet & its types
Illustration of different cabinet types
Identification of Panels - for assembly

## **CONNECTING FITTINGS**

Cabinet Connecting fittings
Shelf support fittings
Clading / Wall paneling fittings
Hanging cabinet fittings
Legs

## **SCREWS**

Knowledge on Screws
Types of Screws
HePo Screws Portfolio
Screw Installation

## **Furniture Fittings**

Hinges
Drawer Runners
Flap Fittings
Waste bin
Aluminium profile
Cube
Drawer Systems
CargoTech
Kitchen Accessories and Storage Units
Sliding / Slide line
Sliding Folding
Grant fittings