



महाराष्ट्र शासन

कौशल्य, रोजगार, उद्योजकता व नाविन्यता विभाग

महाराष्ट्र राज्य कौशल्य, व्यवसाय शिक्षण व प्रशिक्षण मंडळ



Maharashtra State Board of Skill, Vocational Education and  
Training

# मंगलमुर्ती वोकेशनल ट्रेनिंग सेंटर

MANGALMURTI VOCATIONAL TRAINING CENTER, AMBARNATH

1st Floor, Shop No 103, Plot No 21, Kamal Narayan Smruti,  
Opp. Shibu Palace Hotel, Near Station, Ambarnath East,  
Maharashtra 421501.



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## Syllabus

(इंटरियर डेकोरेटर)

(Certificate Course in Interior Decorator)

Join as a full time Assistant to professional designer, Civil Engineer  
As an Assistant to professional Interior Designer and Architect.

Civil engineering firm  
Architecture assistant.

Building material manufacturing concern.

\*Flexible Timings, Regular and SAT/SUN Special Batches\*

## INTERIOR DECORATION & DESIGNING

### CURRICULLUM :

#### THEORY PAPER – I – INTERIOR DESIGN

##### Material in construction :

- Brick** : Qualities of good brick, Field test, terminology, precautions to be taken in brick laying & size.
- Stone** : Classification, qualities of good stone, laying, dressing, different textures and applications.
- Glass** : Types, applications of glass to various interiors.
- Timber** : Types, cross sections of exogenous tree, defects in timber, seasoning, application to interior, application of artificial timber e.g. veneers, plywood.
- Steel & aluminum** : Application obly
- Cement** : Types, field test for cement, application of cement & time
- Mortar Type:** Types, application
- Concrete** : Types, application, precautions to be taken in handing and transportation.
- Furnishing and eliding materials, applications of plastic in interior etc.

##### Building Component :

- Foundation** : Purpose, shallow & deep foundation, Sketches for spread footing & isolated column footing.
- Plinth** : Plinth filling material and their representation.  
Introduction to load R.C.C.frame structure including beams, column, slab, chajja, lintel etc. with their general size and placements.
- Roofs** : Purpose, flat roof, advantages, laying of slab.
- Floor** : Purpose, mezzanine floor, stilt floor, basement floor (introduction only)
- Staircase** : Purpose, types, general size, terminology, suitability or staircase.
- Arches** : Purpose, types & Applications.

##### Estimating :

Procedure of estimating, working art of the qualities of materials required, Estimate of a small furniture unit, units of measurements for various constructions activities.

## **PRACTICAL – I - INTERIOR DESIGN**

1. Test for bricks
2. Test for cement
3. Test for mortar
4. Test for concrete
5. Calculation of quantities of small furniture units
6. Calculation of quantities of materials required
7. Arrangement of brick arch with various shapes

## **THEORY – II - BUILDING CONSTRUCTION**

**Services** :

**Plumbing** : Brief introduction to the plumbing services provided for a small residential building. Plumbing operation for water supply, plumbing operation for sanitary arrangement, material & equipment's required for plumbing.

**Electrical** : Various electrical accessories required for electrical installation, wiring type, patterns of lighting for interior application of air conditioning unit.

**Painting &**

**Polishing** : Paints, types and application

**Brick masonry** : English bond, Flemish bond, precautions to be taken in bonding, king closer, green closer, bat and application.

**Stone Masonry** : Ruble masonry, Asler masonry, introduction to artificial stone and uses, stone finishes.

**Door and Windows** : Types of door & windows with their applications, locations, size, frames and panells, method affixing and fixtures, such as hinges, bolts, locks, handels etc.

**Stairs** : Purpose, types - dog legged open well, spiral, geometric etc. general components such as riser, tread, landing, lead room, handrail etc. introduction to escalator / elevator.

**Drawing** : Types of drawing conventional representation of material, orthographies projection & isometric projection, rendering an and application, scale.

**Working Drawing** : Detailed drawing of chair, table, sofa, wall unit, kitchen platform, wardrobe, paneling, dressing table etc.

**Sketches** : Arches, king post truss & queen post trust,

**Note** : On half imperial size drawing sheet the prescribed number of sheet from each sub topics are mentioned in the brackets after each.

## **PRACTICAL – II - BUILDING CONSTRUCTION**

- 1. Sketching practice of conventional symbols of materials**
- 2. Orthographic projections**
- 3. Isometric projections**
- 4. Sketching practice of chair, table, sofa, wall unit, kitchen platform, wardrobe, paneling, dressing table (detailed drawings)**
- 5. Preparation of sketches of types of pitched roof and Arches.**
- 6. Sketching practice of various types of bonds in brick masonry.**
- 7. Sketching practice of various types of bonds in Stone masonry**
- 8. Sketching practice of various types of doors and windows.**
- 9. Sketching practice of various types of stairs.**

## **THEORY – III – PERSPECTIVE DESIGN**

**Drawing Types** : Orinographic, isometric, oblique etc.

**Perspective drawing** : Concept, types, methods, terminology

**One point & Two point perspective of various units including painting & reading.**

**Computer applications**

## **PRACTICAL – III - PERSPECTIVE DESIGN**

1. Oblique Projections
2. Basic design
3. Anthropometrical data
4. residential interior
5. commercial interior
6. various aspects of designing and representation skill, space planning etc.
7. Basic computer applications.

Project : design of residential building.

Project : Design of commercial building.

**LIST OF TOOLS & EQUIPMENTS :**

<b>Sr.No.</b>	<b>Description of Tools</b>	<b>No.Required</b>	<b>Remarks</b>
1	Drawing board	25	Full size
2	T-square / Mini Drafter	25	
3	Table – Chair	25	
4	Computer	5	Necessary software

**REFERENCE BOOKS :**

Building construction system	M.P.Deshmukh
Material & Construction	B.C.Punmia / Sushilkumar
Interior design	Ahmaed Kasu
Estimating and costing	B.N.Dutta
Professional Practice	Namavati
Interior Design	Pratap Rao
Vastu Shobha	Avinash Sohni

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