

MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATION, MUMBAI

1	Name of Syllabus	C. C. IN INTERIOR DECORATOR (304204)						
2	Max.Nos of Student	25 Students						
3	Duration	1 year						
4	Type	Part Time						
5	Nos Of Days/Week	6 Days						
6	Nos Of Hours /Days	4 hrs.						
7	Space Required	Practical Lab = 600 sqfeet <u>Class Room = 200 sqfeet</u> TOTAL = 800 sqfeet						
8	Entry Qualification	S.S.C. Pass						
9	Objective Of Syllabus/ introduction	This course aims to import & enhance the ability to understand the concept of interior designing and to apply the acquired skill effectively in the relevant areas.						
10	Employment Opportunity	1. As freelance service provider in interior designing to various agencies. 2. As a full time Assistant to professional designer, Civil Engineer etc. 3. As an Assistant to professional Interior Designer and Architect. 4. Civil engineering firm 5. Architecture assistant. 6. Building material manufacturing concern.						
11	Teacher's Qualification	1) Govt. Diploma in Interior Designing & Decoration./ Private Diploma in Interior Designing & Decoration. with one year experience. 2) B.E. (Civil Engg.) 3) B.Arch. / G.D.Arch.						
12	Training System	Training System Per Week						
		Theory		Practical		Total		
		6hrs		18hrs		24hrs		
13	Exam. System	Sr. No	Paper Code	Name of Subject	TH/PR	Hours	Max. Marks	Mini. Marks
		1	30420411	Interior Design	TH-I	3 hrs.	100	35
		2	30420412	Building Construction	TH-II	3 hrs.	100	35
		3	30420413	Perspective Design	TH-III	3 hrs.	100	35
		4	30420421	Interior Design	PR-I	3 hrs.	100	50
		5	30420422	Building Construction	PR-II	3 hrs.	100	50
		6	30420423	Perspective Design	PR-III	3 hrs.	100	50
				Total			600	255

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 :

Sr.No.	Description of Tools	No.Required	Remarks
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
