

Syllabus For Interior Decoration & Beautification

Course Name	INTERIOR DECORATION AND BEAUTIFICATION, V2
Course Code	STC- INT/INDB/1204,V2
Level	3
Occupation	Interior Decorator
Job Description	An Interior Decorator performs planning, designing, decoration and implementation of projects related to interior decoration of residential, commercial and office building.
Course Duration	Total Duration 390 hrs. (T-30, P-210, OJT-90 and ES 60)
Trainees' Entry Qualification	Grade 10 OR Grade 8 with two year of (NTC/ NAC) after 8 th OR Grade 8 pass and pursuing continuous schooling in regular school with vocational subject OR 8th grade pass with 2 yrs relevant experience OR Previous relevant Qualification of NSQF Level 2 with one yr experience OR Previous relevant Qualification of NSQF Level 2.5 with 6 months experience
Trainers Qualification	Degree in Architecture from recognized college/University with one year experience in the relevant field OR Diploma in Architecture / Interior Decoration from recognized board of Technical Education with twoyears experience in the construction. OR NTC/NAC passed in the trade of "Interior Design and Decoration" with 3 years experience in the relevant field

Structure of Course:

Module No.	Module name	Outcome	Theory (Hrs)	Practical (Hrs)	OJT (Hrs)	Total (Hrs)
1	Basics of Interior Design	Explain functional aspects of various spaces and select furniture, layout for residential spaces.	5	25		30
2	Construction and plumbing technology	Explain various components of structure sanitations requirement and plumbing systems.	10	20		30
3	Materials	Explain various finishing items for floor / wall / false ceiling and fixtures of toilets and kitchen and their fixing technology.	15	45		60
4	Drawing of 2D and 3D objects	Draw 2D and 3D objects.	-	60		60

5	Project	Apply knowledge and skill in a live Project.	-	60		60
6	OJT	Work in real job situation with special emphasis on basic safety and hazards in this domain (OJT).			90	90
7	Employability Skill	Employability Skill	60			60
TOTAL:			90	210	90	390

SYLLABUS:**Module No. 1:** Basics of Interior Design

Outcome: Explain functional aspects of various spaces and select furniture, layout for residential spaces.

Theory Content:

Basics of Interior Design:

- a) Elements of Design: Point – Line – Plane – Form – Texture – Colour
- b) Principles of Design: Scale – Proportion – Symmetry – Balance – Rhythm – Monotony – Contrast – Harmony
- c) Analysis of activity, selection of furniture and layout considering circulation of the RESIDENTIAL SPACE: Living room – Dining space – Bed room – Kitchen – Toilet.

Practical content:

- a) Identify focal points in a room
- b) Use lines to create width and vertical lines to add height
- c) Create divisions within a space using planes like walls and floors
- d) Incorporate a mix of textures to add depth and interest
- e) Choose a color scheme that influences mood and perception
- f) Measures the dimensions of the space and furniture
- g) Distribute visual weight evenly across the room
- h) Analysis the activity, select the furniture for living room, dining space, bed room, kitchen and select the fixtures for toilets and showers that fit the space

Module No. 2: Construction and plumbing technology:

Outcome: Explain various components of structure sanitations requirement and plumbing systems.

Theory Content:

- a) Concept of Beam, column. Foundation, Roof, floors, Stair case etc.
- b) Different types of Doors: Swing door – Revolving door – Sliding door – Sliding-folding door – Collapsible door – Rolling shutter door – Fire door..
- c) Different types of Windows Fixed window – Casement window – Sliding window – Pivoted window – Louvered (or Venetian) window – Bay window – Clerestory window – Corner window – Dormer window

d) Brick Masonry – Brick Bond, Types of brick and Size

e) Sanitation requirements -WASH BASINS (flat-back) — CLEANER’S SINK — DRINKING WATER FOUNTAIN — WATER CLOSETS (WC): Squatting type (Indian style) & Sitting type (European style) — URINAL – MALE: Bowl type (flat back or - 9 - angle back), Slab type, Stall type – FEMALE: Squatting plate type — FLUSHING CISTERNS — BATHS — SHOWERS — NUMBER OF SANITATION REQUIREMENTS for ‘residences’, ‘office buildings’, ‘cinemas & theatres’, ‘hotels’, ‘restaurants’, ‘hostels’ — LAYOUT DRAWINGS: Students should be able to read orthographic & isometric projections of toilets-kitchens-WCs etc (supplied by the teachers) fitted with the above mentioned sanitations

f) House drainage pipes -SOIL PIPE (SP): Main Soil Pipe (MSP), Branch Soil Pipe (BSP) — WASTE PIPE (WP): Main Waste Pipe (MWP), Branch Waste Pipe (BWP), Rain Water Pipe (RWP) — MAIN SOIL WASTE PIPE (MSWP), BRANCH SOIL WASTE PIPE (BSWP) — VENTILATING PIPE (VP): Main Ventilating Pipe (MVP), Branch Ventilating Pipe (BVP), Drain Ventilating Pipe (DVP), Anti Siphonage Pipe (ASP) — VENT PIPE — JUNCTION PIPE [Definitions only]

Practical content:

- a) Identify different types of beams and columns
- b) Install various roof types with proper insulation and drainage
- c) Install different flooring materials, construct model staircases
- d) Adjust and maintain various types of doors including swing, revolving, sliding, folding, collapsible, rolling shutters and fire doors
- e) Inspect various types of windows, including fixed windows, ensuring proper sealing and ventilation
- f) Construct wall using different brick bonds
- g) Check wash basins, cleaners sinks, drinking water fountains WCs, urinals, flushing cisterns, baths and showers.
- h) Install and maintain ventilation and junction pipes to ensure effective ventilation

Module No. 3: Materials

Outcome: Explain various finishing items for floor / wall / false ceiling and fixtures of toilets and kitchen and their fixing technology.

Theory Content:

- a) Floor finish: terrazzo, stone, wooden, ceramic tiles P.V.C(def& construction)
- b) Wall finish: painting, plaster of paris, stone, ceramic tiles, wall paper, metal cladding.
- c) False ceiling: materials and construction technology.
- d) Toilet and kitchen fixtures- basin, sink, w.c., urinals, bathtub, shower tray, taps, geyser, chimney, dish washer.

Practical content:

- a) Mix and polish terrazzo, cut lay and seal stone, install and finish wooden planks
- b) Prepare, prime and paint walls, mix and apply plaster of paris, cut install and seal stone veneers.
- c) Select materials like gypsum or metal panels, install the supporting framework, fix ceiling materials
- d) Install basins and sinks, connect to plumbing and seal edges,, fit WCs and urinals
- e) Install bath tubs and shower trays, connect to plumbing and seal to prevent leaks
- f) Install tap and geysers, connect to water and electrical supply and test for functionality
- g) Test and operate of installation of chimneys, ensure proper exhaust ventilation and fit dishwashers, connect to water supply and drainage.

Module No. 4: Drawing of 2D and 3D objects

Outcome: Draw 2D and 3D objects.

Practical Content:

- a) Use scale ruler to measure and draw objects at different scales, ensuring accurate representation
- b) Follow the procedure to draw lines with a ruler. Construct triangles and square using a protractor and set squares
- c) Draw the plan and elevation views of simple objects
- d) Practice drawing of plan and elevation of solids
- e) Create isometric drawings by aligning the objects
- f) Develop axonometric drawing by applying different angles for axes
- g) Draw scenes using one point perspective by identifying a single vanishing point
- h) Install CAD software, using basic tools to draw and edit geometric shapes and apply scaling techniques for accurate designs

Module No. 5: Project

Outcome: Apply knowledge and skill in a live Project.

Practical Content:

Preparing presentation drawing (plan, elevation, 3d view, detailing) and estimate of any one of the following topic.

- i) Modular Kitchen
- ii) Living cum dining room.

Module 6 : OJT

Outcome: Work in real job situation with special emphasis on basic safety and hazards in this domain

Practical Content:

Assessor will check report prepared for this component of Practical training of the course and assess whether competency has been developed to work in the real job situation with special emphasis on basic safety and hazards in this domain. (The trainee is expected to undertake work in actual workplace under any supervisor / contractor for **60 Hours**.)

Module 7 : Employability Skills (60 Hrs)**Key Learning Outcomes****Introduction to Employability Skills**

Duration: 1.5 Hours

After completing this programme, participants will be able to:

1. Discuss the Employability Skills required for jobs in various industries
2. List different learning and employability related GOI and private portals and their usage

Constitutional values - Citizenship

Duration: 1.5 Hours

3. Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required to become a responsible citizen
4. Show how to practice different environmentally sustainable practices.

Becoming a Professional in the 21st Century

Duration: 2.5 Hours

5. Discuss importance of relevant 21st century skills.
6. Exhibit 21st century skills like Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life.
7. Describe the benefits of continuous learning.

Basic English Skills

Duration: 10 Hours

8. Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone
9. Read and interpret text written in basic English
10. Write a short note/paragraph / letter/e -mail using basic English

Career Development & Goal Setting

Duration: 2 Hours

11. Create a career development plan with well-defined short- and long-term goals

Communication Skills

Duration: 5 Hours

12. Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette.
13. Explain the importance of active listening for effective communication
14. Discuss the significance of working collaboratively with others in a team

Diversity & Inclusion

Duration: 2.5 Hours

15. Demonstrate how to behave, communicate, and conduct oneself appropriately with all genders and PwD
16. Discuss the significance of escalating sexual harassment issues as per POSH act.

Financial and Legal Literacy

Duration: 5 Hours

17. Outline the importance of selecting the right financial institution, product, and service
18. Demonstrate how to carry out offline and online financial transactions, safely and securely
19. List the common components of salary and compute income, expenditure, taxes, investments etc.
20. Discuss the legal rights, laws, and aids

Essential Digital Skills

Duration: 10 Hours

21. Describe the role of digital technology in today's life
22. Demonstrate how to operate digital devices and use the associated applications and features, safely and securely
23. Discuss the significance of displaying responsible online behavior while browsing, using various social media platforms, e-mails, etc., safely and securely
24. Create sample word documents, excel sheets and presentations using basic features
25. utilize virtual collaboration tools to work effectively

Entrepreneurship

Duration: 7 Hours

26. Explain the types of entrepreneurship and enterprises

27. Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan
28. Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement
29. Create a sample business plan, for the selected business opportunity

Customer Service

Duration: 5 Hours

30. Describe the significance of analyzing different types and needs of customers
31. Explain the significance of identifying customer needs and responding to them in a professional manner.
32. Discuss the significance of maintaining hygiene and dressing appropriately

Getting Ready for apprenticeship & Jobs

Duration: 8 Hours

33. Create a professional Curriculum Vitae (CV)
34. Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively
35. Discuss the significance of maintaining hygiene and confidence during an interview
36. Perform a mock interview
37. List the steps for searching and registering for apprenticeship opportunities

Learning Outcome–Assessment Criteria

Module No.	Outcome	Assessment Criteria
1	Explain functional aspects of various spaces and select furniture, layout for residential spaces.	<p>After completion of this module students will be able to:</p> <ol style="list-style-type: none"> 1.1 Identify focal points in various rooms, explaining their importance in the overall design. 1.2 Demonstrate the use of horizontal lines to create a sense of width and vertical lines to add height in a room. 1.3 Create divisions within a space using planes like walls, floors, and ceiling elements to enhance functionality and aesthetics. 1.4 Choose and justify a color scheme that influences mood and perception, illustrating its application in a residential setting. 1.5 Measure and record the dimensions of spaces and furniture accurately 1.6 Analyze the activities for each residential space, select suitable furniture for the living room, dining area, bedroom and kitchen 1.7 Choose fixtures for toilets and showers that fit the space. 1.8 Apply principles of scale, proportion, symmetry, balance, rhythm, monotony, contrast.
2	Explain various components of structure sanitation requirement and plumbing systems.	<p>After completion of this module students will be able to:</p> <ol style="list-style-type: none"> 2.1 Identify different types of beams and columns, explaining their specific uses and advantages in construction. 2.2 Demonstrate various roof types, ensuring proper

Module No.	Outcome	Assessment Criteria
		<p>insulation and drainage and evaluate the effectiveness of each method.</p> <p>2.3 Install different flooring materials, construct model staircases</p> <p>2.4 Adjust and maintain various types of doors, including swing, revolving, sliding, folding, collapsible, rolling shutters and fire doors, ensuring functionality and security.</p> <p>2.5 Inspect the installation of different types of windows, including fixed windows, to ensure proper sealing, ventilation and adherence to building codes.</p> <p>2.6 Test wash basins, cleaner's sinks, drinking water fountains, WCs, urinals, flushing cisterns, baths, and showers</p> <p>2.7 Verify the installation and maintenance of ventilation and junction pipes, ensuring effective ventilation and proper connection within the building's drainage system.</p> <p>2.8 Analyze different brick types and sizes in masonry</p> <p>2.9 Choose appropriate materials for specific construction needs.</p> <p>2.10 Evaluate the layout and functionality of sanitation fixtures in various settings</p>
3	<p>Explain various finishing items for floor / wall / false ceiling and fixtures of toilets and kitchen and their fixing technology.</p>	<p>After completion of this module students will be able to:</p> <p>3.1 Demonstrate the procedure to mix and polish terrazzo, cut, lay, and seal stone</p> <p>3.2 Install and finish wooden planks, ensuring precision and quality in each task.</p> <p>3.3 Execute the preparation, priming and painting of walls, along with mixing and applying plaster of Paris, and cutting, installing</p> <p>3.4 Select suitable materials for false ceilings</p> <p>3.5 Install the supporting framework and fix ceiling materials securely</p> <p>3.6 Install basins, sinks, WCs, and urinals, connect them to plumbing, and seal edges meticulously</p> <p>3.7 Install bath tubs and shower trays, connect them to plumbing, and seal them</p> <p>3.8 Correctly install taps and geysers, connect them to water and electrical supplies and test their functionality and safety features.</p> <p>3.9 Tests the operations of chimneys, ensuring proper exhaust ventilation, and fit dishwashers, connecting them to water supply and drainage</p>

Module No.	Outcome	Assessment Criteria
4	Draw 2D and 3D objects.	<p>After completion of this module students will be able to:</p> <p>4.1 Demonstrate the use of a scale ruler to measure and draw objects accurately at different scales</p> <p>4.2 Execute the procedure to draw lines with a ruler and construct triangles and squares using a protractor and set squares</p> <p>4.3 Produce plan and elevation views of simple objects, demonstrating an understanding of spatial relationships and projection techniques.</p> <p>4.4 Practice drawing plans and elevations of solids, ensuring accurate representation and alignment of geometric shapes.</p> <p>4.5 Create isometric drawings by aligning objects correctly</p> <p>4.6 Develop axonometric drawings by applying different angles for axes, illustrating competency in representing objects realistically from various perspectives.</p> <p>4.7 Draw scenes using one-point perspective by identifying a single vanishing point and aligning parallel lines towards it to create depth and realism.</p> <p>4.8 Install CAD software and utilize basic tools to draw and edit geometric shapes accurately</p>
5	Apply knowledge and skill in a live Project.	<p>After completion of this module students will be able to:</p> <p>5.1 Introduce the project effectively, providing clear objectives, scope, and context to stakeholders.</p> <p>5.2 Create detailed and accurate representations of design concepts, ensuring all aspects of the project</p> <p>5.3 Prepare comprehensive presentation drawings including plans, elevations, 3D views</p> <p>5.4 Generate an accurate estimation of costs associated with materials, labor and other expenses for the chosen</p> <p>5.5 Identify the components included in the estimation, ensuring all relevant expenses are accounted for and accurately calculated.</p>
6	OJT	<p>Assessor will check report prepared for this component of Practical training of the course and assess whether competency has been developed to work in the real job situation with special emphasis on basic safety and hazards in this domain. (The trainee is expected to undertake work in actual workplace under any supervisor / contractor for 60 Hours.)</p>

Module No.	Outcome	Assessment Criteria
7	Employability Skill	As per guided curriculum

List of Tools, Equipment & Materials needed for 30 Trainees

SI No	Items Name	Specification	Qty
1	Drawing Boards	900mmx600mm	30 nos
2	Draughtsman stool with back (revolving & adjustable type)	Seat – 450mm(W)x450mm(D)x50mm(thick) Backrest – 400mm(W) x 350mm(Ht.) Seat Ht. Range – 600mm x 762.5mm	30 nos.
3	Magnetic White Board	3600mmx1200mm	1 no.
4	Projector		1 no
5	Pin-up board (with or without stand)		4 nos.
6	Desktop computer	Latest configuration	15 nos
7	Laptop	with latest configuration pre-loaded with operating system	1 no
8	Drafting Software: CAD	Educational Version (Free downloadable/Annual subscription peripheral as per availability)	15 nos.
9	Antivirus Software		As required
10	Other software – CorelDRAW, PHOTOSHOP etc		As required
11	A3 size Colored LaserJet, duplex, Scanner cum printer (multifunctional)	Latest Configuration	1 No.
12	UPS online		As required
13	Computer Table		15 nos.
14	Trainee's chair with arm		30 nos.
15	LAN connectivity		As per requirement
16	Internet connection Wi-Fi		1 No.
	Vacuum Cleaner		1 No.
17	Fire Extinguisher		1 No.

Marks Distribution

Outcome	Outcome Code	Total Th Marks	Total Pr Marks	Total OJT Marks
Explain functional aspects of various spaces and select furniture, layout for residential spaces.	INT/1204/OC1	30	110	0
Explain various components of structure sanitations requirement and plumbing systems.	INT/1204/OC2	50	100	0
Explain various finishing items for floor / wall / false ceiling and fixtures of toilets and kitchen and their fixing technology.	INT/1204/OC3	70	150	0
Draw 2d and 3d objects.	INT/1204/OC4	0	170	0
Apply knowledge and skill in a live Project.	INT/1204/OC5	0	120	0
Work in real job situation with special emphasis on basic safety and hazards in this domain.	INT/1204/OC6	0	0	150
Employability Skill-60 Hrs	DGT/VSQ/N0102	50	0	0