



GOVERNMENT OF TAMILNADU  
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI-25  
**STATE PROJECT COORDINATION UNIT**

*(Established under Canada India Institutional Cooperation Project)*

**CURRICULUM**

Course Name	<b>INTERIOR DESIGN</b>
Course Code	<b>AA/2020/009</b>
Course Duration	40 Hours
Minimum Eligibility Criteria and Pre-requisites (if any)	10 <sup>TH</sup> STD & Above
Course Objectives	<ul style="list-style-type: none"> <li>The main objective of the course is to impart knowledge about the interior design solutions and architectural knowledge.</li> <li>To develop creativity and problem-solving skills.</li> </ul>
Course Outcomes	<p>At the end of training, the participants will be able to</p> <ul style="list-style-type: none"> <li>Understand the elements and principles of design.</li> <li>Learn the application of principles of design in creating beautiful interiors.</li> <li>Acquire skill in arranging different areas of a house by using elements and principles of design.</li> <li>Ability to conceptualize and design interior space for various building.</li> <li>Understand the concepts of color and lighting and apply suitable color schemes.</li> </ul>
Expected Job Roles	Interior designer in various Architecture firms

<b>TEACHING AND SCHEME OF EXAMINATION</b>						
Course Code	Course Name	Hours		Assessment Marks		Duration of Examination
				Min	Max	
AA/2020/009	<b>INTERIOR DESIGN</b>	Theory	16	10	20	3 Hours
		Practical	24	40	80	
		Total	40	50	100	

## AA/2020/009 – INTERIOR DESIGN

### DETAILED SYLLABUS

Unit No	Modules	No. of Hours	
		Theory	Practical
I	Introduction to Interior design	3 Hours	
1.1	Interior Design – Meaning and concepts. Objectives of aesthetic planning - Beauty, expressiveness, functionalism and economy. Good taste – meaning, role and importance.	3	0
1.2	Elements of design - Line and direction, form and shape, size, colour, light, patter, texture and space. Application of elements to form designs in interior design.		
1.3	Principles of design –Balance, rhythm, emphasis, harmony, proportion – meaning, and its application in the interior design		
II	Colour and Lighting	4 Hours	
2.1	Concept of colour - Significance of colour in the interiors. Dimensions of colour –Hue, value, intensity, Effects of Hue, Value and Intensity	4	0
2.2	Application of colour harmonies in the interiors, Effect of light on colour, Illusion of colour, psychology of colour, effect of colour on each other.		
2.3	Importance of lighting, Sources – Natural and Artificial lighting, Types – based on material, reflection, architectural elements and uses. Psychological aspects of light, Glare – its types, causes and prevention		
2.4	Lighting accessories – Selection of lamps and lighting fixtures, lighting for various areas and specific activities, modern features in lighting design.		
III	Function and Planning	3 Hours	
3.1	Activities and Function – Functional contents of an Interior Environment	3	0
3.2	Planning inter-relationship of Functional Spaces and Interior Elements		
3.3	Anthropometrical study – Dimension Standards of Interior Elements Furniture, Activity and Circulation		
IV	Finishes, Furnishing and Interior landscape	6 Hours	
4.1	Finishes – Types of wall finishes, types of floor finishes, types of ceiling finishes. False ceiling-materials-advantages	6	0
4.2	Styles of furniture – traditional, contemporary and modern. Furniture materials – Wood – teak, rose wood, walnut, cedar, mahogany, pine, birch and Ply wood, Bamboo, Cane, Metals, Plastics, Leathers. Selection and arrangement – Furniture for various rooms –Living room, dining room, bedroom, kitchen, study room, office. Principles of design in furniture arrangement.		
4.3	Window Treatments – Types of windows, curtains, draperies, hanging curtains – pelmets and valances, accessories, blinds and shades. Types of furnishings – Cushion, cushion covers, bed linens, Table linens, kitchen linen, and bath linen. Floor coverings – Carpets – Importance, Types – woven and nonwoven, selection and laying – factors to be considered, Rugs –Types –room size, area, scattered, accent. Difference between carpets and rugs		

4.4	Interior landscape – Definition, classification of plants, indoor plants and their functions, layout & components, Floriculture – commercial, ornamental, Selection of plants & pest control. Various interior landscaping elements – water bodies – pools, fountains, cascades, Plants, rocks, artifacts, paving & lighting.		
<b>V</b>	<b>Different Interior layouts and its detailing</b>	<b>24 Hours</b>	
5.1	Interior layout and detailing of living room with sectional elevations.	0	24
5.2	Interior layout and detailing of master bed room with sectional elevations.		
5.3	Interior layout and detailing of kitchen with sectional elevations.		
5.4	Interior layout and detailing of toilet with sectional elevations.		
5.5	Interior layout and detailing of small shops with sectional elevations.		
5.6	Interior layout and detailing of small office space with sectional elevations.		
<b>Total Theory and Practical Hours</b>		<b>16</b>	<b>24</b>
<b>Total Hours</b>		<b>40</b>	

## HARDWARE REQUIREMENT

S.NO	LIST OF TOOLS /EQUIPMENTS
1	Drawing table with stool
2	LCD Projector

## REFERENCES

S.NO	Particulars	Author	Publisher
1	Interior Design and Decoration.	Seetharaman, P and Pannu, P.	CBS Publishers and Distributors, New Delhi.
2	Interior Design Principles and Practice.	Pratap R.M (1988)	Standard Publishers Distribution, Delhi.
3	Time saver standards for landscape architecture.	-	-
4	Planting design.	Theodore D.Walker	VNR Publications New York.
5	India Modern	Michael Freeman	Periplus editions, 2005
6	Furniture Design	Jim Postell	Wiley publishers, 2007
7	Working Drawings & Details for Interiors.	Kilmer	John Wiley & Sons
8	Architect's Data	Neufert Ernest,	Granada pub. Ltd. London, 2000.
9	Landscaping Principles and Practices.	Jack E.Ingels.	Delmar Publishers.

## ASSESSMENT AND CERTIFICATION

S.No	Criteria for Assessment
1.	A trainee will be assessed based on the performance in End Examination for Theory and Practical conducted internally in the Project Polytechnic College for a duration of 3 hours
2.	A trainee must have 75% of attendance to appear for End examination in Theory and Practical.
3.	The assessment for theory part will be based on the marks scored in the end examination on the knowledge bank of questions (1 word/objective type questions)
4.	The assessment for practical part will be based on the marks scored in the end examination conducted by the Project Polytechnic and assessed by the Examiners approved by Strategic Plan Implementation Committee (SPIC) of the project polytechnic.
5.	The passing criteria for successful completion of training is every trainee should score 50% of marks in theory and practical examination.
6.	On successful completion of training, certificate will be issued by Directorate of Technical Education through the project polytechnic.

## END EXAMINATION

### ALLOCATION OF MARKS

S.No	Description	Max. Marks
1.	Theory Examination	20
2.	Practical Examination	
	a) Aim and Procedure	20
	b) Demonstration / Execution	25
	c) Result & Viva Voce	15
	d) Record	20
Total Marks		100

## **THEORY MODEL QUESTION PAPER**

**AA/2020/009 – INTERIOR DESIGN**

**(Maximum Marks: 20)**

**(N.B: Answer any Twenty questions)**

**20x1= 20 Marks**

1. Write any two elements of design.
2. Write any two principles of design.
3. What is interior design?
4. What is texture?
5. What are the primary colors?
6. What is hue?
7. What is intensity?
8. What is value?
9. Write any two importance of lighting.
10. What are the different types of lighting?
11. What is glare?
12. Write any two names of decorative lighting.
13. Write any two factors while selecting the lamp.
14. What is anthropometry?
15. What is circulation?
16. What are the activities we carried in living room?
17. Write any two finishes for wall.
18. Write any two furniture's used in bedroom.
19. Write any two finishes for floor.
20. Write any two finishes for furniture.
21. Write any two materials for furniture.
22. Write any two types of windows.
23. What is drapery?
24. Write any two types of furnishings.
25. What is rug?