



GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for Diploma of Vocation (D.Voc), 5th Semester

Branch: Architecture Assistantship

Subject Name: Design Studio-V(Housing)

Subject Code: 1250605

Type of course: Core

Focus:

- Study of a Housing designs to understand the nature and character of user group.
- Relationship between socio-economic & cultural aspects and physical fabric of the settlement.

Determinants of space making on housing or house forms in rural and urban context and their relevance.

Teaching and Examination Scheme:

Teaching Scheme			Credit C	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
				ESE (E)	PA (M)	ESE (V)	PA (I)	
0	0	2	2	0	0	30	20	50

L- Lectures; T- Tutorial/Teacher Guided Student Activity; P- Practical; C- Credit; ESE- End Semester Examination; PA- Progressive Assessment

Content:

Sr No.	Contents:	Hrs.	Module % Weightage
1	<ul style="list-style-type: none"> • Designing the size and form of interior spaces using user – activity analysis and anthropometrics, effect of enclosure and fenestration. • Effect of color and lighting on perception of interior space 	12	30
2	<ul style="list-style-type: none"> • Elements of interior space and its surface treatment – walls, floors, ceiling 	10	25
3	<ul style="list-style-type: none"> • Study of different materials used in interior design like steel, glass, pop, aluminum, timber, fabrics, plastic, composite materials. 	10	25
4	<ul style="list-style-type: none"> • Applied decoration – color, texture, fixtures, drapery and upholstery 	6	10
5	<ul style="list-style-type: none"> • Furniture design – Role of furniture, ergonomic factors of furniture design and materials used. 	6	10
	Total	42	100

Reference:

- Tapanwita Saha-The Psychology Of Interior Design
- Chris Grimley and Mimi Love- The Interior Design Reference & Specification
- Seetharaman Parveen- Interior Design and Decoration

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks					
R Level	U Level	A Level	N Level	E Level	C Level
5	10	15	5	5	10

Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create and above levels (Bloom's Taxonomy)



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Course Outcomes:

Sr No	CO Statement	Marks % weightage
1	To understand the application of user activity in the given space.	30
2	To develop an understanding of relationship between interior space and natural light.	30
3	To Understand the importance of surface treatment in defining a space.	20
4	To understand the properties and functions of different interior materials.	10
5	To understand the importance of furniture in enhancement of a space.	10

Projects:

The class work shall include interior design projects that is to be handled with complete design, detail furniture layout, specification of materials, and their application. The projects shall relate to residential, or some other small-scale project.

Method:

Design projects may be explored in terms of features responsible for internal understanding of space/ Projects may be small or large scale could be given for group or individual study.

Laboratory Work:

Workshop on wood and metal furniture.

List of Open-Source Software / Learning website:

Students must refer to following sites to enhance their learning ability.

- 1) <https://www.ikea.com>>online
- 2) <https://swayam.gov.in>
- 3) <https://www.iiid.in>