

Subject Code	Subject Name	Period Per Week		Credit
26165	Interior Design-I	T	P	C
		1	3	2

Rationale	Students of Diploma in Architecture must acquire basic knowledge about Interior design and drawing. They also required basic knowledge of other related fields for self-development to updated the latest technology. After successfully completing this course students will be able to identify the function of interior design is convert to design data into construction information. Interior design contributes to both mental and physical health. The focus of interior designing is not only to design a new home or office but also to ensure that it accommodates one and all. The subject provides and transmit a complete, faithful and accurate graphic depiction of the project design concept, to scale. They will be able to verify Fundamental of this entire process is a working knowledge of construction materials (production, fabrication, testing, availability, cost, etc.). Good interior design plays a significant role in creating comfortable living or working environments. A well-designed space can greatly enhance the overall comfort and satisfaction of its occupants. This course has been given more emphasis on practical aspect rather than theory in teaching learning approach.
Learning Outcome (Theoretical)	After Completing the subject, students will be able to: 1. State the Architecture & history of interior design. 2. Explain Human dimension for residence utilities. 3. Interpret Basics materials for interior design. 4. Illustrate Ventilation and lighting for interior design. 5. Elucidate Textile uses for interior design.
Learning Outcome (Practical)	After Completing the subject, students will be able to: 1. Perform the human dimension with different situation. 2. Perform the drawing of different types of house hold furniture. 3. Prepare the interior design of living room with different wall paneling. 4. Prepare the drawing & detail of false ceiling. 5. Textile uses for interior design. 6. Prepare the interior design of dining room. 7. Prepare the interior of a kitchen. 8. Perform the textile design for interior of a residence.

Detailed Syllabus (Theory)

Unit	Topics with contents	Class (1 Period)	Final Marks
1	ARCHITECTURE & HISTORY OF INTERIOR DESIGN 1.1 State the historical background of interior design. 1.2 Explain the relation between architecture and interior design. 1.3 State interior decoration as a profession. 1.4 State emergence of professional interior designer. 1.5 Describe the concept of function & planning. 1.6 State basic Interior decorating Style & Rules. 1.7 Explain the contemporary architecture & modern interior design features.	3	5
2	HUMAN DIMENSION FOR RESIDENCE UTILITIES 2.1 State human dimension for different Furniture. 2.2 Describe basic human dimension for kitchen area. 2.3 Describe basic human dimension for toilet area. 2.4 Describe basic human dimension for dining area. 2.5 Explain the role of furniture in interior design. 2.6 Describe the principles of furniture arrangement. 2.7 Explain different interior design based on environmental aspects.	3	5
3	BASICS MATERIALS FOR INTERIOR DESIGN 3.1 List different types of Materials. 3.2 Define different types of Wood, Board, plywood, Timber, ACP, PVC, Glass, Wall and floor covering, Grass, Paints, Gypsum & Others artificial interior materials used in interior design. 3.3 Explain Paints and related products, ferrous and nonferrous metals, Adhesives. 3.4 Discuss different types of Ceiling with materials for residential interior space. 3.5 Discuss different types of Wall Paneling & Partition area with materials for residential interior space. 3.6 Describe different types of Floor with materials for residential interior space. 3.7 State different types of Decorative Display area with materials for residential interior space. 3.8 Discuss the importance of Decorative Plantation and Landscaping in different residential interior space.	4	10
4	VENTILATION AND LIGHTING FOR INTERIOR DESIGN 4.1 State guidelines for natural ventilation. 4.2 Explain the size of the openings for natural ventilation. 4.3 State mechanical ventilation & ventilation with ducts. 4.5 Discuss the need for air-conditioning & atmospheric conditions for human comfort. 4.6 Describe recommended daylight factors for interiors. 4.7 Discuss different types of lighting arrangements. 4.8 Describe lighting accessories and protection devices.	3	5
5	TEXTILE USE FOR INTERIOR DESIGN 5.1 State the classification of curtain.	3	5

	5.2 Describe the point to be considered for drapery design. 5.3 Discuss the selection of drapery materials. 5.4 Describe different types of textile use for sofa. 5.4 Explain different types of textile use for carpet. 5.6 State different types of Blinds & Screen area with materials for residential interior space.		
	Total	16	30

Detailed Syllabus (Practical)

Sl.	Experiment name with procedure	Class (3 Period)	Continuous Marks
1	PERFORM THE HUMAN DIMENSION WITH DIFFERENT SITUATION 1.1 Sketch the basic human dimensions on standing & seating condition. 1.2 Draw the basic human dimensions for living space. Scale 1:50 (1/4" = 1'-0") 1.3 Draw the basic human dimensions for dining space. Scale 1:50 (1/4" = 1'-0") 1.4 Draw the basic human dimensions for sleeping space. Scale 1:50 (1/4" = 1'-0") 1.5 Draw the basic human dimensions for toilet space. Scale 1:50 (1/4" = 1'-0") 1.6 Draw the basic human dimensions for kitchen space. Scale 1:50 (1/4" = 1'-0")	2	3
2	DRAW DIFFERENT TYPES OF HOUSE HOLD FURNITURE 2.1 Sketch plan & elevation of different types of sofa with dimensions. 2.2 Sketch plan & elevation of general purposes chair with dimensions. 2.3 Draw plan of different types of bed with dimensions. Scale 1:50 (1/4" = 1'-0") 2.4 Draw plan & elevation of different types of dining table with dimensions. Scale 1:50 (1/4" = 1'-0") 2.5 Draw plan & elevation of different types of book-shelf with dimensions. Scale 1:50 (1/4" = 1'-0") 2.6 Maintain the record of performed task.	2	4
3	PREPARE THE INTERIOR DESIGN OF LIVING ROOM WITH DIFFERENT WALL PANELING 3.1 Make a presentation sheet with different type of wall paneling materials. 3.2 Draw the plan and elevation of wall paneling with detail of a TV display with showpiece rack. Scale 1:50 (1/4" = 1'-0") 3.3 Sketch different type of molding & fasteners for wall according to plan. 3.4 Draw the detail section of a wall showing fixing arrangements of	2	4

	different types of materials. Scale 1:25 (1/2" = 1'-0") 3.5 Draw the detail section of a wall showing lighting arrangements according to plan. Scale 1:25 (1/2" = 1'-0") 3.6 Sketch an interior landscape or plantation arrangement plan and section of a living room. 3.7 Maintain the record of performed task.		
4	PREPARE THE DRAWING WITH DETAIL OF FALSE CEILING 4.1 Prepare a presentation sheet with different type of false ceiling materials. 4.2 Draw the plan of a false ceiling. Scale 1:50 (1/4" = 1'-0") 4.3 Sketch different type of molding & fasteners for false ceiling. 4.4 Draw the detail section of a false ceiling showing fixing arrangements according to plan. Scale 1:25 (1/2" = 1'-0") 4.5 Draw the detail section of a false ceiling showing lighting arrangements according to plan. Scale 1:25 (1/2" = 1'-0") 4.6 Maintain the record of performed task.	2	3
5	PREPARE THE INTERIOR DESIGN OF SLEEPING ROOM 5.1 Draw a layout plan of master bed room with furniture and wall cabinet. Scale 1:50 (1/4" = 1'-0") 5.2 Draw the detail section of master bed room according to plan. Scale 1:50 (1/4" = 1'-0") 5.3 Draw a plan, elevation & section with detail of wall cabinet according to plan. Scale 1:25 (1/2" = 1'-0") 5.4 Sketch different type of molding & fasteners for wall cabinet. 5.5 Make different types of decorative display for backside wall of bed with different materials. 5.6 Draw a layout plan of child bed room for multiple kids. Scale 1:50 (1/4" = 1'-0") 5.7 Maintain the record of performed task.	2	3
6	PREPARE THE INTERIOR DESIGN OF DINING ROOM 6.1 Draw a layout plan of master bed room with furniture and wall cabinet. Scale 1:50 (1/4" = 1'-0") 6.2 Draw elevation and section for different types of collected display showpiece racks. Scale 1:50 (1/4" = 1'-0") 6.3 Draw elevation and section for different types of partition wall for dining room. Scale 1:25 (1/2" = 1'-0") 6.4 Make different types of decorative light shade with different wastages materials. 6.5 Make different types of decorative hanging light with different wastages materials. 6.6 Maintain the record of performed task.	2	3
7	PREPARE THE INTERIOR OF A KITCHEN 7.1 Draw a kitchen layout. Scale 1:50 (1/4" = 1'-0") 7.2 Draw different types of kitchen fixture and appliance with measurements. Scale 1:25 (1/2" = 1'-0") 7.3 Draw the detail plan of the kitchen with cabinet. Scale 1:50 (1/4"	2	3

	= 1'-0") 7.4 Draw the section of the kitchen cabinet. Scale 1:25 (1/2" = 1'-0") 7.5 Sketch an isometric view of the kitchen room. 7.6 Maintain the record of performed task.		
8	PERFORM THE TEXTILE DESIGN FOR INTERIOR OF A RESIDENCE 8.1 Make a presentation sheet with different type of textile materials. 8.2 Sketch elevation of curtain for different rooms. 8.3 Sketch plan and elevation of textile use for sofa. 8.4 Sketch plan of textile use for different beds. 8.5 Sketch plan of textile use for different carpets and mats. 8.6 Prepare an Interior model of a residence as an interior project. 8.7 Maintain the record of performed task.	2	2
	Total	16	25

Necessary Resources (Tools, Equipment's and Machinery):

Sl	Item Name	Quantity
01	Drawing sheet (size A2, A3)	10 reams
02	Tracing paper (size 60/65gms, 20m long roll)	10 nos.
03	Wooden Pencil (HB, B, 2B, 4B)	12Dozens
04	Eraser (Soft)	4Dozens
05	Paper Tape	4Dozens
06	Triangular Scale (inch/meter)	48 nos.
07	Set Square	48 set
08	Template (circle, ellipse, furniture)	48 nos.
09	Drafting Table/Board with parallel bar	48 nos.
10	Mechanical lead pencil	48 nos.
11	Drafting pen (0.1, 0.2, 0.3, 0.4, 0.5, 1.0, 1.2)	48 nos.
12	Color pencil	12Dozens
13	Model paper (Gray, red, brown, light green, off-white)	40 nos. each
14	Swiss board (3mm, 5mm)	40 nos. each
15	Plastic wood (White and gray, 2mm, 3mm, 5mm)	40 nos. each
16	NT cutter and NT cutter blade (30, 45)	48 nos.
17	Aika glue	10 nos.
18	Super glue	10 nos.

Recommended Books:

Sl	Book Name	Writer Name	Publisher Name & Edition
01	Interior design principles and practice.	M. Pratop Rao.	
02	Interior design: An introduction to architectural Interiors. - by- Arnold Friedmann.	John F. Pile, Forrest Wilson.	
03	Elements of Interior Design and Decoration.	Sherrill Whiton	

04	Time Saver Standard interior.	Jesph D. Chirra.	
05	Construction drawings and details for interiors.	W. Otie Kilmer.	
06	Interior Design illustrated.	Francis D.K. Ching.	

Website References:

Sl	Web Link	Remarks
01	https://www.youtube.com/shorts/FJ_2fGi97ds	
02	https://www.youtube.com/shorts/kVYwoHQX4j4	
03	https://www.youtube.com/shorts/HxdTKrF3ttE	
04	https://www.youtube.com/shorts/9md3cBx64kU	
05	https://www.youtube.com/watch?v=CHb2bR4EivI	
06	https://www.youtube.com/shorts/vLH-i7VerLA	
07	https://www.youtube.com/watch?v=c5mavM8Lzfl	
08	https://www.youtube.com/watch?v=6q1X40mQtxs	
09	https://www.youtube.com/watch?v=9laqJs-qDXU	
10	https://www.youtube.com/watch?v=Jlun-00WjGg	
11	https://www.youtube.com/watch?v=qWPr2TLjK4g	