

Class XII
Interior Decoration & Design Assistant (IDDA)
Semester III

Theory - 45 Periods

Serial No.	Topic	Periods	Marks
1	Interior Design a. Importance of Interior design. b. Principal factors influencing decisions related to interiors - family needs and preferences, office needs and preferences, climate, availability of furnishing materials, budget and principles of designs.	9	5
2	Housing a. Housing and family Housing Needs. b. Factors influencing selection of a house.	9	5
3	Space Design of Interiors a. Activities in the home-assessing activities, estimating space requirements for activities. b. Space allocation and planning of different rooms: living room, Dining room, Bed room, kitchen, Bathroom, Store room, Utility room and Office rooms.	18	10
4	Furniture a. Study of basic furniture dimension based on anthropometric measurements. b. Definition and Styles of Period Furniture-English, French and American and Contemporary c. Basic materials used for furniture-wood and its substitutes, metals, plastics and glass d. Finishes given to furniture materials. e. Furniture arrangements in different rooms with emphasis on space organization and circulation	9	10
	Total	45	30
Class XII Semester IV			
Serial No.	Topic	Periods	Marks
5	Fixture a. Types of Doors (Material wise and Operation wise) b. Types of Windows (Material wise and Operation wise) c. Partition walls: Definition and Types (Nomenclature only) d. Toilet Fixtures (Nomenclature only) Kitchen Fixtures (Nomenclature only)	22	5

6	Surface Treatment in Interiors: Types, Selection and care a. Walls-wall paper, wood panelling, paints and colours b. Floors-hard and soft flooring materials and laying methods c. Ceiling-Decorative ceiling treatment, false ceiling-types and materials	13	5
7	Lighting and Ventilation Natural and Artificial Lighting, Types of lamp-Incandescent, Fluorescent, CFL, LED, Mode of lighting- Up lighting,-Down lighting, Wall washing; and Types of Lighting-General lighting, Accent lighting, Task lighting, positions of lighting Ventilation: Preliminary idea about all forms of Natural and Artificial Ventilation	13	10
8	Furnishings and Accessories-Functional and Decorative , Vaastu Furnishings of Floors and Walls i.e. carpet, panelling, Doors and Windows Accessories-curtains, venetian blinds, Functional and Decorative accessories , Basic concept of vaastu	15	10
	Total	63	30

Project / Practical - 144 Periods

Module	Topic	Periods	No. of Sheets*
1	Introduction to Drawing Introduction to drawing instruments and supporting materials; method to use them with applications. Convention of lines and their applications. Representative fraction-reduced ,enlarged and full size scale Drawing of Horizontal Lines, Vertical Lines, 30 degree,45 degree,60 degree lines, Different types of lines, dimensioning styles , Engineering Lettering	20	1 no. A2 Size sheet
2	Drawing of regular geometrical forms Drawing of circle, ellipse and polygon	20	2 nos. A2 Size sheet
3	Drawing of Plan and Elevation of a room Drawing of plan and elevation of rooms showing furniture arrangements	36	1 no.A2 Size sheet
4	Apply principles of design Apply principles of design in displaying functional and decorative items in rooms and displaying kiosks of handicraft, textiles folk art and festivities.	24	1 model
5	Interpret the building drawing identifying the position of decorative accessories, floral items as well as furniture arrangement in interior space & state the colour scheme.	24	1 no. A2 Size sheet/model
6	Arrangement of Decorative items Showing arrangement of Flowers and other accessories in different rooms (Living room, Dining Room, Adolescent boys and girls room, Children's room, Office rooms and Birthday Party) in model or free hand sketches of perspective drawing	20	model

- Number of sheets or models may be as per instruction of the teacher

Project:

Interior Designing of any one of the following:-

- a. Office Rooms in different professional institutions (lawyer, doctor, school office, IT sector etc.).
- b. Rooms of different apartments and houses.

OUTCOMES

Outcomes to be assessed	Assessment criteria for the outcome
<p>1. Explain the factors which guide the interior space design.</p> <p>(T-24, P-0 = 24 hrs)</p>	<ul style="list-style-type: none"> ▪ Able to state the housing need, number of members of a family unit in housing. ▪ Able to explain the term “housing”. ▪ Able to state the factors (Location, Needs and Preferences) influencing selection of a house. ▪ Able to identify the factors (Location, Needs, Preferences, Financial, Availability and Maintenance) that may affect the design of the interior space. ▪ Able to explain the meaning of family needs and preferences. ▪ Able to state primary activities of different functional spaces of a residential building (Living, Sleeping, Dining). ▪ Able to state the activities of interior areas in office or business space. ▪ Able to explain the factors of availability of material, budget as well as principle of design.
<p>2. Classify types of Windows, Doors, sanitary fittings and furniture, based on materials, finishing and applicability for designing a residential / office space.</p> <p>(T-21, P-0 = 21 hrs)</p>	<ul style="list-style-type: none"> ▪ Able to enlist the furniture required for a particular activity area of any residential interior or office interior. ▪ Able to state different styles of furniture. ▪ Able to identify any style of furniture like traditional, contemporary, or modern. ▪ Able to state the basic materials used for furniture. ▪ Able to identify wood, by-product of wood, metals, plastics and glass as materials of furniture. ▪ Able to explain the finish (Paint/French Polish/Lacquer) given to some particular furniture material. ▪ Able to demonstrate the processes of applying finishes (polishing) to furniture materials. ▪ Able to define space organization (Grouping of furniture and circulation space). ▪ Able to explain furniture arrangement in different activity areas, including circulation spaces. ▪ Able to select the style of furniture (English period furniture, French period furniture, American period furniture) suitable for the purpose of interior space planning. ▪ Able to demonstrate the position of built-in furniture in an interior space as per drawing. ▪ Able to identify effective or faulty furniture with respect to its stability. ▪ Able to state various types of doors (Panel door,

	<p>Flush door, Metal Door and sliding door, swing door),various types of windows (wooden, steel and aluminium)</p> <ul style="list-style-type: none"> ▪ Able to define wash basin, shower, water closet , Kitchen sink ▪ Able to state various types of Windows (Material wise and Operation wise), Partition walls; Toilet Fixtures, Kitchen Fixtures etc
<p>3. Select surface treatment in walls, floors and ceiling (T-9, P-0 = 9 hrs)</p>	<ul style="list-style-type: none"> ▪ Able to define the types of interior Floor (material wise; Concrete/Brick/Wood), Wall (material wise: Brick/wood/glass) and Ceiling (Cement concrete/ False ceiling of Plaster of Paris/Gypsum board/Wood) surfaces. ▪ Assessor will ask on the types of treatment in surfaces of walls (cement-sand plaster/putty on plaster/plywood panelling), floors (stone slab/terrazzo/tiles), and ceilings (Cement plaster/ False ceiling of Plaster of Paris/Gypsum board/Wood). ▪ Able to select a particular finish on walls, floors or ceilings. ▪ Able to define wall paper and wood panelling. ▪ Able to list the types of paints required in specific interior area. ▪ Able to match a colour with a sample of colour chart. ▪ Able to identify hard flooring (Concrete/Stone/Tiles) and soft flooring (Wood) materials. ▪ Able to identify false ceiling as a component of interior decoration. ▪ Able to describe decorative ceiling treatment (Block Design in Plaster of Paris/Plywood/Gypsum board).
<p>4. Able to explain different styles and positioning of lighting fixtures and ventilation equipment (T-9, P-0 = 9 hrs)</p>	<ul style="list-style-type: none"> ▪ Able to describe the types of lighting (General, Task, Accent). ▪ Able to describe the modes of lighting (Up lighting, Down lighting, Wall washing). ▪ Able to name the lighting fixtures/ luminaries (Incandescent bulb/fluorescent /CFL/LED Tubes and Lamps). ▪ Able to show the position of lighting fixtures as per drawing. ▪ Able to define ventilation equipment –ceiling fan, pedestal fan, wall-mounted fan, or air-conditioner unit (split type and window type). ▪ Able to explain the requirements of ventilation for different rooms to show the positions of ventilation equipment in interior space.

<p>5. Demonstrate position of decorative accessories, home appliances, furniture as per interior design</p> <p>(T-9, P-15=24 hrs)</p>	<ul style="list-style-type: none"> ● Able to read interior design drawing to identify the finishes of walls, floors and ceiling. ● Able to exhibit the capacity of taking linear measurement and thereby computing cross sectional area by interpreting given dimensions in the drawing. ● Able to tell the position of furniture in interior space planning (Furniture symbols or drawing in plan, elevation). ● Able to demonstrate the installation of furnishing (Carpet, curtain ,venetian blinds)in room interior ● Able to show the position of lighting and ventilating equipment and electrical home appliance (Refrigerator, Washing Machine) by reading the drawing. ● Able to explain the floral and decorative arrangement in the interior. ● Able to define vastu and identify some salient point of vastu (location of kitchen, toilet, bedroom)
<p>6. Explain interior decoration work of temporary structures, stalls and kiosks, for festivities.</p> <p>(T-0, P-18 = 18 hrs)</p>	<ul style="list-style-type: none"> ● Able to assist the supervisor in the interior design work in any festival kiosk ● Able to describe the colour (Primary colour, Secondary colour and Tertiary colour), texture (rough/smooth) and material (plywood/board) of the pavilion space as mentioned in the drawing. ● Able to show the positions of lighting and ventilation equipment in the site along with furniture arrangement according to the design drawing. ● Able to explain the positions of decorative and display items with other functional equipment in the stall as per the design drawing.
<p>7. Draw plan, elevation of a room showing furniture arrangement.</p> <p>(T-0, P-48 = 48 hrs)</p>	<ul style="list-style-type: none"> ● Basic Elements of Drawing ● Able to use Drawing instruments and supporting materials; ● Able to apply drawing instruments to draw Representative fraction-reduced ,enlarged and full size scale ● Able to draw of Horizontal Lines, Vertical Lines, 30 degree,45 degree,60 degree lines, Different types of lines, dimensioning styles using Tee and Set Squares/drafter, Engineering Lettering ● Able to draw regular geometrical forms like drawing of circle, ellipse and polygon ● Able to draw Plan and Elevation of a room showing furniture arrangements.

<p>8. Draw free hand sketch or make model for arranging Decorative items & Colour schemes for rooms of different usages. (T-0, P-15 = 15 hrs)</p>	<ul style="list-style-type: none">• Able to show arrangement of Flowers and other accessories in different rooms (Living room, Dining Room, Adolescent boys and girls room, Children's room, Office rooms and Birthday Party) in model or free hand sketches of perspective drawing
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