

**Programme Structure**

Course Code	Part	Study Components & Course Title	Hours/Week	Credit	Maximum Marks		
					CIA	ESE	Total
<b>SEMESTER – I</b>							
22UTAML11	I	<b>Language Course - I : Tamil/Other Languages</b>	5	3	25	75	100
22UENGL12	II	<b>English Course - I : Communicative English I</b>	5	3	25	75	100
22UIDDC13	III	Core Course - I : History of Design	4	4	25	75	100
22UIDDC14		Core Course - II : Fundamentals of design	4	4	25	75	100
		Core Practical – I : Fundamentals of Design Practicals 1	3	-	-	-	-
22UIDDA01		Allied - I : Paper – 1 : Life Space Planning	4	4	25	75	100
		Allied Practical – I : Life Space Planning Practicals	3	-	-	-	-
22UENVS18	IV	<b>Environmental Studies</b>	2	2	25	75	100
<b>Total</b>			<b>30</b>	<b>20</b>			<b>600</b>
<b>SEMESTER – II</b>							
22UTAML21	I	<b>Language Course - II : Tamil/Other Languages</b>	5	3	25	75	100
22UENGL22	II	<b>English Course - II : Communicative English II</b>	5	3	25	75	100
22UIDDC23	III	Core Course – III : Colour and Accessories	4	4	25	75	100
22UIDDP24		Core Practical – I : Fundamentals of Design Practicals 2	3	4	40	60	100
22UIDDA02		Allied – II : Paper -2 : Residential Space Planning	4	4	25	75	100
22UIDDAP1		Allied Practical – I :	2	3	40	60	100
22UIDDE27		Internal Elective – I	3	3	25	75	100
22UVALE27	IV	<b>Value Education</b>	2	1	25	75	100
22USOFS28		<b>Soft Skill -</b>	2	1	25	75	100
<b>Total</b>			<b>30</b>	<b>26</b>			<b>900</b>

**INTERNAL ELECTIVE COURSES**

22UIDDE27	Internal Elective - I :	Building Materials
		Free Hand Sketching
		Environmental Studies

**ALLIED COURSES**

22UIDDA01	Theory	Life Space Planning
22UIDDAP1	Practical	Life Space and Residential Space Planning (Practical on Core Papers)
22UIDDA02	Theory	Residential Space Planning

<b>SEMESTER: I</b>	<b>COURSE CODE: 22UIDDC13</b>	<b>CREDIT: 4</b>
<b>PART: III</b>	<b>CORE COURSE - I: HISTORY OF DESIGN</b>	<b>HOURS: 4</b>

### Course Objectives

Enable the students to

1. Understand the history of art and architecture
2. Analyze the plan and structure of architecture through history
3. Create styles and design based on the materials and design used in different periods.

<b>UNIT NO.</b>	<b>CONTENT</b>	<b>NO. OF HRS.</b>
<b>I</b>	<b>Prehistoric &amp; Egyptian interiors</b> - plan, materials, finishing materials, furniture ornamentation & accessories used for shelters in stone age & Egypt.	<b>10</b>
<b>II</b>	<b>European Interiors</b> - categorization of rooms, furniture, materials used for buildings in Greece, Rome, Medieval, Early & Late Renaissance, Baroque and Rococo architecture.	<b>25</b>
<b>III</b>	<b>Oriental and Colonial interiors</b> - types of materials used, parts of the building, furniture and other interior aspects of buildings in Japanese, Chinese and Indian colonial architecture	<b>20</b>
<b>IV</b>	<b>Indian interiors</b> - historical perspectives, Architectural styles and Contemporary trend in furniture, space allocation, local material usage and furniture used in Rajasthan, Gujarat, Chettinad-Karaikudi, Kerala and Pondicherry architecture.	<b>20</b>
<b>V</b>	<b>Modern &amp; Post-Modern interiors</b> - The style statements of Modern periods - Art Nouveau, Art Deco, Eclecticism, High tech, Minimalism, Deconstructivism, Contemporary art styles.	<b>15</b>

### Course Outcomes

1. Understanding the architectural features of Prehistoric & Egyptian period.
2. Analyzing the different European styles of Architecture.
3. Interpret the colonial and oriental influence in interiors.
4. Compose modern architecture based on the Indian historical features.
5. Illustrate the modern and postmodern styles of interiors

### Textbooks

1. Hinchman, Mark. History of Furniture (2009) A Global View: New York: Fairchild Books, Inc., (ISBN: 978-1-56367-544-7)
2. WimPauwels (2012), Contemporary Architecture & Interiors.
3. A history of interior design – 4th edn – 2013 – John Wiley & sons.Inc
4. Jeannie Ireland (2009), History of Interior Design, air child publications, illustrated ed.,
5. Jim Postell, Furnitute Design , Wiley publishers, 2007.
6. Robbie.G. Blakemore, (2005), History of Interior Design and Furniture. From Ancient Egypt to Nineteenth – Century Europe, Wiley Publishers

### Supplementary readings

- [www.thoughtco.com/architecture-timeline-historic-periods-styles-175996](http://www.thoughtco.com/architecture-timeline-historic-periods-styles-175996)
- <https://www.britannica.com/art/Egyptian-architecture>
- <https://www.e-architect.com/european-architecture>
- <http://www.thebangala.com/architecture>
- <https://www.houzz.in/magazine/what-is-kerala-architecture-stsetivw-vs~116858736>

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5
CO1	H	H	M	-	M
CO2	H	H	M	-	L
CO3	H	H	M	-	M
CO4	H	H	M	-	L
CO5	H	M	H	-	L

**PO – Programme Outcome, CO – Course outcome**

<b>SEMESTER: I</b> <b>PART:III</b>	<b>COURSE CODE: 22UIDDC14</b> <b>CORE COURSE - II : FUNDAMENTALS OF DESIGN</b>	<b>CREDIT: 4</b> <b>HOURS: 4</b>
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### Course Objectives

#### Enable the students to

1. Classify design types like structural and decorative design.
2. Examine the different elements of design in creating design objects.
3. Apply the Art principles in Interior Design.
4. Apply color harmonies in various rooms.
5. Apply the decorative styles and wall decoration techniques in various rooms.

<b>S. NO</b>	<b>CONTENT</b>	<b>NO OF HOURS</b>
<b>Unit I</b>	Introduction to art and design, Development of interior design concept, importance of design, objectives of aesthetic planning. significance of art in design development, varieties of art, abstract and surreal, fundamentals of drawing and its practice, introduction to drawing equipment.	<b>10</b>
<b>Unit II</b>	Application of good taste and Types of design- Structural and Decorative design, Requirements of structural and decorative design. Classification of decorative design- Naturalistic, Stylized, Abstract and Geometrical Design.	<b>15</b>
<b>Unit III</b>	Elements of design - Line and direction, Form and Shape, Size, Color, Light, Pattern, Texture and Space. Application of elements of design in interior and exterior.	<b>10</b>
<b>Unit IV</b>	Principles of design: meaning and the basic five design principles. Balance, Rhythm, Harmony, Proportion and Emphasis – meaning, types (classification) and methods of achieving; their role in interior designing. Evaluation of design-criteria for evaluation.	<b>15</b>
<b>Unit V</b>	Motif - meaning. Development of design from motifs and application of motifs in interior decoration. Man, as a consumer of design. Qualities and role of a good interior designer. Career options for interior designers.	<b>10</b>

### Course Outcomes

1. Summarize the fundamentals of drawing, use and handling of drawing equipments.
2. Apply the Art and design concept in aesthetic planning.
3. Classify design types like structural and decorative design.
4. Examine the different elements of design in creating design objects.
5. Apply the Art principles in Interior Design.

**Text Books**

1. [Andal A. Parimalam P.](#)(2015) A Text Book of Interior Decoration, Satish serial publishing house
2. Premavathy Seetharaman and Parveen Pannu, (2009). Interior Design and Decoration. CBS Publishers and Distributors Pvt Ltd. New Delhi.
3. Goldstein, (1976). Art in Everyday Life. Oxford and IBH Publishing House.
4. Pratap Rao, (2020). Interior design Principles and Practice, Standers publishing company

**Supplementary readings**

1. Architectural digest
2. Inside outside
3. <https://theconstructor.org/building/basic-elements-principles-interior-design-buildings/20150/>
4. <https://ericaswansonsondesign.com/wordpress/wp-content/uploads/2010/05/E-Book-Final.pdf>

**Mapping with Programme Outcomes**

COs	PO1	PO2	PO3	PO4	PO5
CO1	H	H	H	M	H
CO2	H	H	H	M	H
CO3	H	H	H	M	H
CO4	H	H	H	M	H
CO5	H	M	M	M	M

**PO – PROGRAMME OUTCOME, CO – COURSE OUTCOME**

<b>SEMESTER: I</b> <b>PART: III</b>	<b>COURSE CODE: 22UIDDP15</b> <b>CORE PRACTICAL – I : FUNDAMENTALS OF DESIGN</b> <b>PRACTICALS 1</b>	<b>CREDIT: -</b> <b>HOURS:3</b>
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### Course Objectives

#### Enable the students to

1. Apply Design concepts and create designs.
2. Evaluating art objects on basis of elements and art of design.
3. Develop design motifs and apply in interiors.
4. Application of art principles in interior room arrangement.
5. Develop Designs using different lines on different media.

<b>S. NO</b>	<b>CONTENT</b>	<b>NO OF HOURS</b>
<b>Unit I</b>	Introduction to lines, types of lines and their application using different media. Sketching and drawing of design composition using grids.	<b>5</b>
<b>Unit II</b>	Apply design concepts in developing concrete blocks, Stone cladding, Tiles cladding, Apparel border, floor decorations – flower carpet and rangoli.	<b>10</b>
<b>Unit III</b>	Develop a motif suitable for foot mat, stained glass, window grill, table mat and furnishing materials.	<b>10</b>
<b>Unit IV</b>	Evaluate the given art objects and market survey on material like canvas board, acoustic material, wood, metal, plastic and glass.	<b>10</b>
<b>Unit V</b>	Apply the art principles in arrangement of: Living room, drawing room, pooja room, bedroom, adolescent boys or girl's room, children's room and birthday party.	<b>10</b>

### Course Outcomes

1. Identify the types of lines used to create designs.
2. Apply the design principles in two dimensional and three-dimensional compositions
3. Create design for home furnishings and accessories
4. Apply the various elements of design in producing an interior space
5. Create tastefully decorated interiors with good motifs.

**Textbooks (In API Style)**

1. [Premalatha M.R. Andal A. Parimalam P.](#)(2015) A Text Book of Interior Decoration, Satish serial publishing house
2. Frida Ramsdet and Mia olaffson(2020) the interior design handbook, Furnish , decorate and style your space.
3. Seetharaman, P and Pannu, P.(2017) Interior Design and Decoration, CBS Publishers and Distributors, New Delhi
4. Pratap R.M (2018), Interior Design Principles and Practice, Standard Publishers Distribution, Delhi.

**Supplementary Readings**

1. Inside Outside Magazine
2. <https://www.designbasics.com/>
3. <https://99designs.com/blog/tips/graphic-design-basics/>
- 4.

**MAPPING WITH PROGRAMME OUTCOMES**

COs	PO1	PO2	PO3	PO4	PO5
CO1	H	-	-	H	M
CO2	H	H	H	H	H
CO3	H	H	M	M	L
CO4	H	M	M	M	H
CO5	H	H	H	H	H

**PO – Programme Outcome, CO – Course outcome**

<b>SEMESTER:II</b> <b>PART:III</b>	<b>COURSE CODE: 22UIDDC23</b> <b>CORE COURSE – III : COLOUR AND</b> <b>ACCESOORIES</b>	<b>CREDIT:4</b> <b>HOURS:4</b>
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### Course Objectives

#### To enable the students to

1. Learn the application of art principles, elements of design and color schemes in creating aesthetic interiors.
2. Learn the concepts of colour and preparing a colour wheel.
3. Analyze kinds of Accessories.
4. Apply, create and study the functional and decorative accessories in interiors.
5. Expose the students to folk arts and crafts of India.

<b>S. NO</b>	<b>CONTENT</b>	<b>NO OF HOURS</b>
<b>Unit I</b>	Colour: Definition, Qualities of colour, Hue, Value, Intensity. Tints and Shades. The colour wheel/systems - Prang colour system, Physicist's Theory, Psychologist's Theory.	<b>10</b>
<b>Unit II</b>	Harmonies of related colors - Monochromatic, Analogous and Accented Neutral; Harmonies of contrasting colours – Direct, double, split and triad.	<b>10</b>
<b>Unit III</b>	Accessories - Definition and importance in interiors, Classification – functional, decorative and both accessories. Factors influencing the selection of accessories, Placement, location and background for accessories.	<b>10</b>
<b>Unit IV</b>	Kinds of accessories - Decorative - mural, photographs, pictures, artifacts, drawings, antiques and Functional - books, Mirror, Clock, accent furniture, indoor plants and flower arrangement as miscellaneous accessories.	<b>15</b>
<b>Unit V</b>	Art and Crafts – definition, kinds of art and crafts-pot painting, idols, sculptures, glass painting, wall art, wall hanging, pillows, cushions, pebble art, wood art, shell art, origami, models, lamps and vases, baskets, doll making, bamboo crafts, folk arts and crafts of India, Application of arts and crafts in interiors.	<b>15</b>



### Course Outcomes

1. Identify the elements of Prang colour theories, Value, and Intensity scale.
2. Creating designs for different rooms by applying colour harmonies.
3. Analyze the importance, selection and arrangement of accessories in relation to background.
4. Criticize various Kinds of art forms used as accessories.
5. Appraise the folk-art styles in interiors.

### Textbooks

1. Pratap Rao (2018), Interior design principles and practices, Standard Publications, Delhi.
2. Premavathy Seetharaman and Parveen Pannu, (2017). Interior Design and Decoration. CBS publishers.
3. The Practical Encyclopedia of Good Decorating and Home Improvement, Vol I.
4. Andal. A and Parimalam.P, (2015).A Text Book of Interior Decoration. Satish Serial Publishing House

### Supplementary Readings

1. Inside Outside Magazine
2. <https://hmhub.in/accessories-interior-decoration/>
3. <https://theinterioreditor.com/accessories/the-importance-of-accessories-the-dos-donts/>

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5
CO1	H	-	H	-	H
CO2	H	H	M	M	H
CO3	H	H	-	-	M
CO4	M	H	H	-	H
CO5	M	H	H	L	M

**PO – Programme Outcome, CO – Course outcome**

<b>SEMESTER:II</b> <b>PART:III</b>	<b>COURSE CODE: 22UIDDP24</b> <b>CORE PRACTICAL – I : FUNDAMENTALS OF DESIGN</b> <b>PRACTICALS - 2</b>	<b>CREDIT:4</b> <b>HOURS:3</b>
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**Course Objective****Enable the students to**

1. Develop skill in drawing motifs in various materials.
2. Differentiate structural and decorative design
3. Acquire knowledge in creating models of different rooms.
4. Learn current trends in interior design.
5. Develop skills related to design in tiles, fabrics and other materials

<b>S. NO</b>	<b>CONTENT</b>	<b>NO OF HOURS</b>
<b>Unit I</b>	Elements of design - Line and direction, Form and Shape, Size, Colour, Light, Pattern, Texture and Space. Application of elements of design in interior and exterior.	<b>10</b>
<b>Unit II</b>	Structural Designs and Decorative design - Naturalistic, Stylized, Abstract and Geometrical Design.	<b>10</b>
<b>Unit III</b>	Developing building models - showing details on exterior components – Windows/Glazing, Doors, Sunshades, Balcony, Wall Panel and Roof.	<b>10</b>
<b>Unit IV</b>	Creating designs with interior elements comprising furniture and other components.	<b>5</b>
<b>Unit V</b>	Develop designs in fabric design, tile design, accessories making, mural and collage waste art and crafts	<b>10</b>

**Course Outcomes**

1. Determine the elements involved in planning a design.
2. Benefit from the hands-on experience gained for future career prospects
3. Distinguish structural and Decorative designs.
4. Develop exterior building models
5. Create motifs for various application in interiors.

**Text Books (In API Style)**

1. Pratap Rao (2018), Interior design principles and practices, Standard Publications, Delhi.
2. Premavathy Seetharaman and Parveen Pannu, (2017). Interior Design and Decoration. CBS publishers.
3. The Practical Encyclopedia of Good Decorating and Home Improvement, Vol I.
4. Andal. A and Parimalam.P, (2015).A Text Book of Interior Decoration. Satish Serial Publishing House

**Supplementary Readings**

1. Elle décor
2. Architectural digest
3. <https://www.pdfdrive.com/the-interior-design-book-e18833708.html>

**Mapping with Programme Outcomes**

COs	PO1	PO2	PO3	PO4	PO5
CO1	H	-	H	H	-
CO2	H	H	M	M	H
CO3	L	H	-	-	L
CO4	H	M	M	H	H
CO5	H	H	H	M	M

**PO – Programme Outcome, CO – Course outcome**

<b>SEMESTER: II</b> <b>PART:III</b>	<b>COURSE CODE: 22UIDDE27</b> <b>INTERNAL ELECTIVE – I: BUILDING MATERIALS</b>	<b>CREDIT:3</b> <b>HOURS:3</b>
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**Course Objectives****Enable the students to**

1. Gain knowledge on concepts, types and use of building materials and selection tactics
2. Learn use of materials at different levels or stages of a building construction and aesthetic concepts of using finishes in buildings.
3. Identify the materials used for wall and floor finishes
4. Learn different kinds of materials used for roofs and ceilings
5. Differentiate ideologies: traditional vs recent building materials and their usage

S. NO	CONTENT	NO OF HOURS
<b>Unit I</b>	Introduction Meaning and concept of building materials Classification of building materials Components of a building – Sub structure and superstructure and use of specific building materials.	<b>10</b>
<b>Unit II</b>	Construction materials Materials used at various levels of building – foundation, basement, plinth, wall, roof, ceiling, flooring, beams and columns. Use, types, characteristics, advantages and disadvantages of brick, stone, sand, cement, wood, metals, glass and plastic.	<b>10</b>
<b>Unit III</b>	Finishing materials Wall finishes – plastering, white washing, paint, wall paper, wood panelling, metal wall covers, tiles; use, selection, merits and demerits Floor finishes – cement, mosaic, marble, tiles, wood, asphalt tiles, resilient materials; use, selection, merits and demerits. Finishes applied to other areas.	<b>10</b>
<b>Unit IV</b>	Roof and ceiling materials Roof – wood, metal, slate, tile, asphalt shingles, glass fibre shingles Ceiling - false ceiling, plaster of paris, metal, glass, wood, acoustical ceiling materials, light ceiling – thermocol; use, selection, merits and demerits	<b>10</b>
<b>Unit V</b>	Recent advances in building materials and finishes Construction materials, interior finishes and exterior finishes, partition materials. Approximate cost of building materials and finishes. Concept of green building materials.	<b>5</b>

**Course Outcomes**

1. Identify and select proper construction materials and finishes for building construction
2. Demonstrate knowledge of properties of various building materials
3. Describe usage and characteristics of building materials and finishes for strength, durability and aesthetics.
4. Explain the components of a building and analyse the availability of materials for building construction
5. Interpret construction materials Vs finishes & interior Vs exterior materials

**Text Books (In API Style)**

1. Arora, S.P and Bindra, S.P., (2018) A Text book of building Construction. New Delhi: Dhanpat Rai Publications,India.
2. Rangwala, S.C., (2011). Engineering Materials. Gujarat: Charotar Publishing House, India.
3. Rangwala, S.C, (2022). Building Construction. Gujarat: Charotar Publishing House, India.
4. Punmia BC(2016) Building construction, charotar publishing house

**Supplementary Readings****ARCHITECTURAL DIGEST**

1. <https://www.sciencedirect.com/journal/construction-and-building-materials>
2. <https://www.masterclass.com/articles/building-materials-guide>
3. <https://theconstructor.org/building/types-of-building-materials-construction/699/>

**Mapping with Programme Outcomes**

COs	PO1	PO2	PO3	PO4	PO5
CO1	H	L	-	-	L
CO2	H	H	-	M	M
CO3	H	M	-	-	M
CO4	H	H	H	H	H
CO5	H	M	M	M	H

**PO – Programme Outcome, CO – Course outcome**