

**THIRUVALLUVAR UNIVERSITY**

**BACHELOR OF SCIENCE**

**B.Sc., INTERIOR DESIGN AND DECOR**

**(With effect from 2020 - 2021)**

**The Course of Study and the Scheme of Examinations**

S. No.	Part	Study Components		Ins. Hrs / week	Credit	Title of the Paper	Maximum Marks		
		Course Title					CIA	Uni. Exam	Total
<b>SEMESTER I</b>									
1	I	Language	Paper-1	6	4	Tamil/Other Languages	25	75	100
2	II	English (CE)	Paper-1	6	4	<b>Communicative English I</b>	25	75	100
3	III	Core Theory	Paper-1	6	4	Design Basics	25	75	100
4	III	Core Practical	Practical-1	4	0	Design Basics Practical	0	0	0
5	III	Allied -1	Paper-1	4	3	Applied Arts on Textiles-I	25	75	100
6	III	Allied- 1	Practical-1	2	0	Applied Arts on Textiles practical	0	0	0
<b>7</b>	<b>III</b>	<b>PE</b>	<b>Paper 1</b>	<b>6</b>	<b>3</b>	<b>Professional English I</b>	<b>25</b>	<b>75</b>	<b>100</b>
8	IV	Environmental Studies		2	2	Environmental studies	25	75	100
		<b>Sem. Total</b>		<b>36</b>	<b>20</b>		<b>150</b>	<b>450</b>	<b>600</b>
<b>SEMESTER II</b>									
8	I	Language	Paper-2	6	4	Tamil/Other Languages	25	75	100
9	II	English (CE)	Paper-2	6	4	<b>Communicative English II</b>	25	75	100
10	III	Core Theory	Paper-2	5	4	Colour and Lighting	25	75	100
11	III	Core Practical	Practical-1	3	2	Design Basics Practical	25	75	100
12	III	Allied-1	Paper-2	4	3	Applied Arts on Textiles-II	25	75	100
13	III	Allied Practical - 1	Practical-1	2	2	Applied Arts on Textiles Practical	25	75	100
<b>14</b>	<b>III</b>	<b>PE</b>	<b>Paper 1</b>	<b>6</b>	<b>3</b>	<b>Professional English II</b>	<b>25</b>	<b>75</b>	<b>100</b>
15	IV	Value Education		2	2	Value Education	25	75	100
16	IV	Soft Skill		2	1	Soft Skill	25	75	100
		<b>Sem. Total</b>		<b>36</b>	<b>25</b>		<b>225</b>	<b>675</b>	<b>900</b>

**THIRUVALLUVAR UNIVERSITY**  
**B.Sc. INTERIOR DESIGN AND DECOR**  
**SYLLABUS**  
**UNDER CBCS PATTERN**  
**(With effect from 2020-2021)**

**SEMESTER I**  
**CORE PAPER 1**  
**DESIGN BASICS**

**Course Objectives:**

- To enable the students to
1. Identify the design types.
  2. Understand the elements and principles of design
  3. Learn the importance of art elements in the creation of new design.
  4. Learn the application of principles of design in creating beautiful interiors.

**UNIT-I**

Interior Design – Meaning and concepts. Objectives of aesthetic planning - Beauty, expressiveness, functionalism and economy. Good taste – meaning, role and importance of good taste. Need for developing skill in aesthetics.

Place of interior design in the modern era – changing trends and salient features.

**UNIT-II**

Design–Definition, meaning, purpose of design. Types - Structural design and decorative design and their characteristics. Classification of decorative design – Naturalistic design, conventional design, geometric design, abstract design, historic design and biomorphic design.

**UNIT-III**

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.

**UNIT-IV**

Principles of design –Balance, Rhythm, Emphasis, Harmony, Proportion – meaning, and its application in the interior and exterior of houses and other commercial buildings.

**UNIT-V**

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.

**Text Books:**

1. Seetharaman, P and Pannu, P. Interior Design and Decoration, CBS Publishers and Distributors, New Delhi
2. Faulkner, S. and Faulkner,R,(1987), Inside Today's Home, Rinehart Publishing company, Newyork

**References:**

1. Faulkner, S. and Faulkner,R,(1987), Inside Today's Home, Rinehart Publishing company, Newyork.
2. Caroline cliftenet. al., The Complete Home Decorator, Portland House New York.
3. Seetharaman, P and Pannu, P. Interior Design and Decoration, CBS Publishers and Distributors, New Delhi
4. Pratap R.M (1988), Interior Design Principles and Practice, Standard Publishers Distribution, Delhi.
5. Goldstein, Art in Everyday life, Oxford and IBH Publishing House.

**E Materials:**

1. <https://study.com/academy/lesson/what-are-the-seven-elements-of-art-definition-examples.html>
2. <https://thevirtualinstructor.com/artfundamentals.html>
3. <http://ecoursesonline.iasri.res.in/mod/page/view.php?id=120889>
4. <https://www.slideshare.net/KKIIMMII/aesthetics-13339798>
5. <https://www.curbed.com/2016/7/21/12228858/interior-design-decorating-principles>
6. <https://justdecorate.wordpress.com/2014/06/19/the-most-popular-interior-design-motifs-and-their-symbolic-meaning/>

**Course Outcome:**

After completion of the course, the student will be able to

1. Identify artistically appealing interiors as a designer.
2. Create objects with good design.
3. Apply the various elements of design in producing an interior.
4. Using the elements and principles knowledge to interiors.
5. Create tastefully decorated interiors with good motifs.

## **ALLIED - 1**

### **PAPER-1**

#### **APPLIED ARTS ON TEXTILES**

##### **Course Objectives**

To enable the students to

1. Understand the types of fibres, yarns and basic weaves
2. Understand art and apply its principles in the creation and selection of textiles.
3. Know about the effects of various textile finishes.
4. Develop design in textiles and apply the same on materials.

##### **UNIT-I**

Fundamentals of textiles – fiber – meaning, Types – filament fibre and staple fibre. Classification – natural – vegetable fibre, animal fibre , mineral fibre and manufactured fibre, Yarn – meaning, yarn twist- S twist, Z twist, yarn count, classification – single, ply, cord and novelty yarns. Properties of cottonfibre. Manufacturing process of cotton yarns .

##### **UNIT-II**

Fabric construction – Weaving – meaning, Major parts of a loom – warp beam, headles, harnesses, reed, shuttles, cloth roll. Basic weaving operation –weaving process - shedding, picking, beating up, taking up and letting off. Types of weave – Basic weave – plain – basket and ribbed, Twill - herringbone and satin - sateen. Fancy weave – Jacquard.

##### **UNIT-III**

Dyeing and printing – Dyes- definition, types- natural dyes and synthetic dyes, Mordants – meaning. Dyeing –meaning, stages of dyeing- fiber dyeing, yarn dyeing and fabric dyeing. Textile printing – meaning, Hand printing techniques–block printing, screen printing and stencil printing. Machine printing- roller printing, screen printing, heat transfer printing and blotch printing.

##### **UNIT-IV**

Fabric Finishes – definition, Meaning of aesthetic finish and functional finish. importance of textile finishes, Effects of different finishing process on fabrics – bleaching process, tendering process, mercerizing process , sanforizing process , napping process, calendaring process and sizing process. Special finishes – water repellent, fire proof, moth proof, anti-microbial, and stain proof.

##### **UNIT-V**

Application of art principles – harmony, balance, proportion, rhythm, and emphasis in the selection of soft furnishings in interiors. Use of elements of design – line, size, shape, form, colour, texture and pattern in the selection of fabric for interiors. Application of relate colour harmonies and contrasting colourharmonies in different fabrics.

**Text Books:**

Unit-1: Textiles – fibre to fabric, corbmann B P , International students edition, McGraw Hill book Co, Singapore 1985.

Unit-2 : Textiles – fibre to fabric, corbmann B P , International students edition, McGraw Hill book Co, Singapore 1985.

Unit-3: Fundamentals of Textiles and their Care- SusheelaDantiyagi , Orient Longmann Ltd (1980).

Unit-4 : Textiles – fibre to fabric, corbmann B P , International students edition, McGraw Hill book Co, Singapore 1985.

Unit-5: Textiles fabrics and their Selection – Wingate I B, Allied publishers Ltd, Chennai.

**References:**

1. Chambers B.G. “Colour and Design, Fashion in Men’s and Women’s Clothing and Furnishings”.Prentice Hall, Inc, New york ,1951.
2. Gisela Heix, Fabric Painting, B.T.BatsfordLtd.,London ,1972.
3. Mehta R.S., Masterpieces of Indian Textiles, D.B.Taraporewala Sons and Co.Pvt.Ltd. Bombay, 1970.
4. JasleenDhamija,The Indian folk , Arts and crafts, National Book Trust India , New Delhi, 1992.
5. Mary Mathews, Bhattarams reprographics, Pvt.Ltd., Chennai 1974.

**Magazines:**

1. Inside Outside
2. Society Interiors

**Course Outcome:**

After completion of the course, the student will be able to

1. Classify and differentiate different types of fibres and yarns.
2. Understand the process of fabric formation by weaving process.
3. Know types of dyes and prints applied to decorate fabrics.
4. Understand the basic and special fabric finishes.
5. Apply the elements and principles of design in the selection of soft furnishings.

**SEMESTER II**  
**CORE PAPER - 2**  
**COLOUR AND LIGHTING**

**Course Objectives:**

To enable the students to

1. Learn the concepts of colour and lighting.
2. Learn skills in using colour and light in functional context.
3. Impart knowledge in recent trends in colour and lighting.

**UNIT-I**

Concept of colour – sources of colour, significance of colour in the interiors and exteriors, dimensions of colour –hue, value, intensity, Effects of Hue, Value and Intensity.

**UNIT-II**

The colour spectrum, Physiology of vision, Colour systems - Prang, Munsell and Ostwald. Planning colour harmonies-related and contrasting. Non-mechanical – readymade and nature based. Factors considered in selecting colour harmonies.

**UNIT-III**

Application of colour harmonies in the interiors and exteriors, Effect of light on colour, Illusion of colour, psychology of colour, effect of colour upon each other.

**UNIT-IV**

Importance of lighting, Sources – Natural and Artificial lighting, Benefits of effective lighting, Principles of lighting, Types – based on material, reflection, architectural elements and uses. Specific factors in lighting – measurements of lighting, location and direction, size and shape and colour. Economy in lighting, Psychological aspects of light, Glare - its types, causes and prevention.

**UNIT-V**

Lighting accessories – Selection of lamps and lighting fixtures, lighting for Residential interiors-living room, bed room, children's room, kitchen, bathroom

Non-Residential interiors- hotels and motels, restaurants, showrooms, retail outlets, school and colleges, health care facilities

Recent Trends in use of color and lighting in residential and commercial spaces.

**References:**

1. Faulkner, R. and Faulkner, S. (1987), Inside Today's Home, Rine Hart Publishing Company, New York.
2. Judy, M., (1994), How to See, How to Paint it, HarperColling Publishers, London.
3. Jan Orcharchd (1993), Lighting for a Beautiful Home, Dunestyle Publishing Ltd., U.S.A.
4. Seetharam, P and Pannu, P. Interior Design and Decoration, CBS Publishers and distributors, New Delhi.
5. Stewart and Sally .W., (1997), The Complete Home Decorator, Annes publishers Ltd., New York.

**E. Materials:**

1. <https://www.shiftelearning.com/blog/how-do-colors-influence-learning>
2. <https://www.canva.com/learn/website-color-schemes/>
3. <https://www.tcpi.com/psychological-impact-light-color/>
4. <https://www.leefilters.com/lighting/colour-list.html>
5. <https://www.lampshoponline.com/advice/top-ten-tips-for-restaurant-lighting>
6. [https://www.designingbuildings.co.uk/wiki/Lighting\\_in\\_commercial\\_buildings](https://www.designingbuildings.co.uk/wiki/Lighting_in_commercial_buildings)

**Course Outcome:**

After completion of the Course, students will be able to:

1. Identify color and light as essential qualities in the physical world
2. Apply color in all art forms
3. Solve complex color and lighting problems using the principles learnt
4. Apply color and light in various functional contexts
5. Gain knowledge on recent trends in the usage of color and lighting in interiors

**Core Practical - 1**  
**DESIGN BASICS PRACTICAL**

**Course Objectives:**

To enable the students to

1. Understand the elements and principles of design.
2. Learn the importance of art elements in the creation of new design.
3. Learn the application of principles of design in creating beautiful interiors.

**CONTENTS:**

1. Introduction to lines, types of lines and their application using different media.
2. Application of design principles in two dimensional and three dimensional compositions.
3. Sketching and drawing of design composition using grids.
4. Basic anthropometric - average measurements of human body in different postures, its proportion and graphic representation.
5. Apply design concepts in developing greeting card, saree border, floor decorations – flower carpet and rangoli.
6. Evaluate the given art objects.
7. Develop a motif suitable for foot mat, window grill, table mat and furnishing materials.
8. 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.
9. Submission of Record.

**REFERENCES:**

1. Faulkner, S. and Faulkner,R,(1987), Inside Today's Home, Rinehart Publishing company, Newyork.
2. Caroline cliftenet. al., The Complete Home Decorator, Portland House New York.
3. Seetharaman, P and Pannu, P. Interior Design and Decoration, CBS Publishers and Distributors, New Delhi
4. Pratap R.M (1988), Interior Design Principles and Practice, Standard Publishers Distribution, Delhi.
5. Goldstein, Art in Everyday life, Oxford and IBH Publishing House.



**Course Outcome:**

After completion of the course, the student will be able to

1. Identify the types of lines used to create designs.
2. Know about anthropometric measurements of human figure.
3. Apply the design principles in two dimensional and three dimensional compositions
4. Apply the various elements of design in producing an interior.
5. Create tastefully decorated interiors with good motifs.

## ALLIED - 1

## PAPER - 2

### APPLIED ARTS ON TEXTILES II

#### Course Objectives

To enable the students to

1. Understand the types of printing methods and embroidery.
2. Know about the surface enrichment of fabrics.
3. Learn the embroideries of different states of India.

#### UNIT – I

Types of stitches in embroidery. Temporary embroidery stitches – types – even basting, uneven basting, diagonal basting, tailor's basting. Permanent embroidery stitches – types – running stitch, back stitch, overcast stitch, over hand stitch, stem stitch, chain stitch, satin stitch, blanket stitch, button hole stitch, and lazy daisy stitch. Uses of embroidery stitches.

#### UNIT – II

Surface enrichment of fabrics – Embroidery- meaning, importance, difference between hand embroidery and machine embroidery, Applique work, cut work, Drawn thread work, sequins, Mirror work, Crocheting and Tatting.

#### UNIT – III

Various embroideries of different states of India. Unique features and motifs of folk embroidery – Phulkari - Punjab , Kasuti - Karnataka, Kantha – West Bengal, Heer - Gujarat, Kashmiri embroidery - Kashmir, Chambarumal – Himachal Pradesh, Chikankari – Uttar Pradesh, Toda embroidery – Tamil Nadu, and Zardosi embroidery.

#### UNIT – IV

Knitting – meaning, properties of knitted fabric. Warp knit and Weft knit – meaning. Types of knitting – machine and hand knitting – flat knitting and circular knitting. Common stitches used in hand knitting - plain stitch, rib stitch, interlock stitch, and purl stitch.

#### UNIT –V

Study of figure irregularities - stout figure, thin figure, slender figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent forehead and what can be done through various elements of design and optical illusion to minimize the effect.

#### Text Books:

Unit-1: Textiles – fibre to fabric, corbmann B P , International students edition, McGraw Hill book Co, Singapore 1985.

Unit-2 : Textiles – fibre to fabric, corbmann B P , International students edition, McGraw Hill

book Co, Singapore 1985.

Unit-3: Fundamentals of Textiles and their Care- SusheelaDantyagi , Orient Longmann Ltd (1980).

Unit-4 : Textiles – fibre to fabric, corbmann B P , International students edition, McGraw Hill book Co, Singapore 1985.

Unit-5: Textiles fabrics and their Selection – Wingate I B, Allied publishers Ltd, Chennai.

#### **E- Materials:**

1. [https://www.brainkart.com/article/Temporary-stitches\\_1790/](https://www.brainkart.com/article/Temporary-stitches_1790/)
2. [http://www.suembroidery.com/articles/hand\\_embroidery\\_machine\\_embroidery.htm](http://www.suembroidery.com/articles/hand_embroidery_machine_embroidery.htm)
3. <https://thedesigncart.com/blogs/news/types-of-embroidery>
4. <https://blog.nobleknits.com/blog/2018/10/17/how-many-types-of-knitting-are-there>
5. <https://www.textileschool.com/251/knitted-fabrics-and-types/>
6. <https://www.perfectlybasics.com/style-file-figure-problems-and-solutions-0457010000002025.aspx>
7. <https://bellatory.com/clothing/womenfigureshapes>

#### **References:**

- 1.Chambers B.G. “Colour and Design, Fashion in Men’s and Women’s Clothing and Furnishings”.Prentice Hall, Inc, New york ,1951.
- 2.GiselaHeix, Fabric Painting, B.T.BatsfordLtd.,London ,1972.
3. Mehta R.S., Masterpieces of Indian Textiles, D.B.Taraporewala Sons and Co.Pvt.Ltd. Bombay, 1970.
- 4.Jasleen Dhamija,The Indian folk , Arts and crafts, National Book Trust India , New Delhi, 1992.
- 5.Mary Mathews, Bhattarams reprographics, Pvt.Ltd., Chennai 1974.

#### **Magazines:**

1. Inside Outside
2. Society Interiors

#### **Course Outcome:**

After completion of the course, the student will be able to

1. Learn the different types of stitches in embroidery work and their uses.
2. Identify the difference between hand embroidery and machine embroidery.
3. Know the various types of embroideries practiced in different states of India.
4. Understand the properties of knitted fabrics.
5. Apply the elements of design in fabric selection to hide figure irregularities.

## **Allied Practical – 1**

### **APPLIED ARTS ON TEXTILES PRACTICAL**

#### **Course Objectives**

To enable the students to

1. Acquire skill in making different types of prints.
2. Learn various embroideries practiced in different states of India
3. Know the techniques of tatting and crocheting.

#### **I. Printing:**

- b. Stenciling
- c. Batik
- d. Screen Printing
- e. Tie and Dye
- f. Block Printing

#### **II. Embroideries of India**

#### **III. Tatting**

#### **IV. Crocheting**

#### **V. Fabric painting using different strokes and techniques**

#### **VI. Submission of Record**

#### **References:**

1. Chambers B.G. "Colour and design, Fashion in Men's Women's Clothing and furnishings" Prentice Hall. Inc. Newyork, 1951.
2. Erwin, Kinchen and Peter, "Clothing for Moderns" 6<sup>th</sup>edn, McmillanPublishingcompare, In. Newyork, 1976.
3. Gisela Hein, "Fabric printing", B.T. Batsford Ltd, London, 1972.
4. Shailaja D.N. "Traditional Embroideries of India" South Asia Books, 1996.
5. Hamyln, "JasleenDhamija, "The Indian Folk, Arts and Crafts", National Book Trust India, New Delhi, 1992.

#### **Course Outcome:**

After completed the practical, the students will be able to

1. Demonstrate their imagination and creativity in printing.
2. Make different varieties of embroideries, tatting and crocheting.
3. Make different strokes and use techniques in painting fabrics.