# COURSE OUTCOME

**COURSE OUTCOME:**

## SEMESTER I

**COURSE: DESIGN BASICS (CORE)** **CREDIT: 4**

CO 1: Understand the elements of design.

CO 2: Understand the various principles of design

CO 3: Learn the application of principles of design in creating beautiful interiors.

CO 4: Learn to develop own innovative designs

CO 5: Compare and contrast the modern trends with the classical interiors.

CO 6: Impart different types of design in interior spaces.

CO 7: Understand the aesthetic concept and its application in interior.

**COURSE: APPLIED ARTS ON TEXTILES-I (ALLIED)** **CREDIT: 3**

CO1: Understand art and apply its principles in the creation and selection of Textiles.

CO2: Develop design in textiles and apply the same on materials.

CO3: Understand and interpret the various finishing process of fabrics.

CO4: Identify Different type of Fabrics and its uses in soft furnishings.

CO5: Understand the manufacturing Techniques of yarn and fabrics.

## SEMESTER II

**COURSE: COLOUR AND LIGHTING (CORE)** **CREDIT: 4**

CO1: Formulate the innovative approach on color and lighting and its application in interior

CO2: Understand the sources of color and color and lighting and its dimension

CO3: Compare and contrast various colour theories

CO4. Learn the psychological aspects of lighting and colour in interior spaces.

CO5: Develop colour scheme and lighting fixtures.

CO6: Learn the amount of lighting required in each space.

CO7: Learn the various materials in lighting system.

**COURSE: APPLIED ARTS ON TEXTILES-II (ALLIED) CREDIT: 3**

CO1: Create surface enrichment of fabric using embroidery, appliqué, etc.

CO2: Identify and analyze the various folk embroideries in India

CO3: Evaluate figure irregularities and eliminate using optical illusion

CO4. Learn the various stitching techniques.

CO5: Understand the importance of fabrics in soft furnishings.

CO6: Learn to enhance fabric with decoration.

**COURSE: DESIGN BASICS (CORE PRACTICAL) CREDIT: 2**

CO1: Have acquired skills in planning spaces for interior.

CO2: Develop fabric surface enrichment using embroidery, sequins, etc.

CO3: Formulate design and color the fabric using printing techniques like stenciling, block printing, etc.

CO4: Create motifs and designs for window grills, Foot mats and bed spreads.

**COURSE: APPLIED ARTS ON TEXTILES (ALLIED PRACTICAL) CREDIT: 2**

CO1: Create fabric using knitting and crochet.

CO2: Develop fabric surface enrichment using embroidery, sequins, etc.

CO3: Formulate design and color the fabric using printing techniques like stenciling, block printing, etc.

## SEMESTER III

**COURSE: BASIC COMPUTER APPLICATION AND AUTO CAD -I (CORE)**

**CREDIT: 4**

CO1: Understand the need for AutoCAD software.

CO2: Compare and contrast point fixing methods.

CO3: Identify various tools in AutoCAD software.

CO4: Learn how to use modification tools effectively.

CO5: Understand the tools used for drafting plan.

CO6: Learn the dimensioning techniques in AutoCAD.

**COURSE: INTERIOR DESIGN STUDIO & BUILDING SYSTEM TECHNOLOGY-I (ALLIED)**

**CREDIT: 3**

CO1: Analyze various construction techniques in interiors.

CO2: Identify various transportation systems in interiors like elevators, staircases, etc.

CO3: Plan and design rain water harvesting techniques for residential.

CO4: Learn the various materials and finishes used in building construction.

CO5: Understand the types of foundation and its techniques.

CO6: Learn the structural elements of buildings.

**COURSE: DRAFTSMANSHIP-I (SKILL BASED)** **CREDIT: 2**

CO1: Compare and contrast various drafting tools and techniques

CO2: Understand dimensioning and its methods

CO3: Develop skills in technical and free hand sketching

CO4: Develop manual drafting skills.

**COURSE: BASICS OF INTERIOR DESIGN-I (NME)** **CREDIT: 2**

CO1: Understand the importance of Interior Design & Decor

CO2: Understand and apply knowledge of Furniture, Color, and Lighting.

CO3: Develop Skills Decorating the environment both aesthetically and functionally.

## SEMESTER IV

**COURSE: BASIC COMPUTER APPLICATION AND AUTO CAD -II (CORE)**

**CREDIT: 4**

CO1: Understand 3D modeling concepts

CO2: Compare and contrast various primitive tools such as box, cone, wedge etc.

CO3: Understand the steps and process of installing lighting and rendering.

CO4: Learn the various inquiry tools in AutoCAD software.

CO5: Learn various dimensioning styles and lettering styles.

CO6: Learn to draw isometric drawings of furniture.

**COURSE: INTERIOR DESIGN STUDIO & BUILDING SYSTEM TECHNOLOGY-II (ALLIED)**

**CREDIT: 3**

CO1: Understand the importance of acoustics in interior

CO2: Compare and contrast various HVAC systems

CO3: Develop electrical plans for residential and commercial spaces.

CO5: Learn the plumbing plans for residential and commercial spaces.

CO6: Analyze various building by- laws formulated by government.

**COURSE: DRAFTSMAN SHIP-II (SKILL BASED)** **CREDIT: 2**

**C**O1: Understand plumbing systems in buildings.

CO2: Analyze orthographic views.

CO3: Understand the need for symbols used for developing plans

CO4: Compare and contrast the isometric and perspective views.

CO5: Learn to draft plans in perspective, orthographic and isometric view.

**COURSE: INTERIOR DESIGN STUDIO & BUILDING SYSTEM TECHNOLOGY (ALLIED PRACTICAL)**

**CREDIT: 2**

CO1: Develop skills on manual ling drafting floor plan

CO2: Create elevation view of the buildings

CO3: Develop perspective and isometric drawings

**COURSE: AUTO CAD PRACTICAL (CORE PRACTICAL)**

**CREDIT: 3**

CO1: Create orthogonal views for the layouts

CO2: Utilize various text and dimension styles in AutoCAD.

CO3: Design furniture and furnishings using AutoCAD software

**COURSE: BASICS OF INTERIOR DESIGN-II (NME)** **CREDIT: 2**

CO1: Understand the importance of Interior Design & Décor.

CO2: Understand and apply knowledge of Furniture, Color, and Lighting.

CO3: Develop Skills Decorating the environment both aesthetically and functionally.

# SEMESTER V

**COURSE: FURNITURE IN INTERIOR (CORE)** **CREDIT: 4**

CO1: Learn the various types of furniture used for activities.

CO2: Develop the knowledge on various styles of furniture.

CO3: Understand the selection techniques in furniture.

CO4: Develop skills in furniture arrangement for each room.

CO5: Learn the concepts of techniques in maintaining the furniture.

CO6: Understand the various materials used in furniture and its construction techniques.

**COURSE: FLORICULTURE AND LANDSCAPING (CORE)** **CREDIT: 4**

CO1: Learn the various types of plants and Flowers.

CO2: Develop the knowledge on Landscaping Plans.

CO3: Understand the various styles of garden.

CO4: Develop skills in flower arrangement.

CO5: Learn the concepts of lawn growth techniques.

CO6: Understand the various plant growing techniques.

**COURSE: PLANNING THE LIFE SPACE (CORE)** **CREDIT: 4**

CO1: Learn the various types of Spaces.

CO2: Develop the knowledge on allocating Spaces.

CO3: Understand the various architectural plans.

CO4. Develop skills in traffic pattern and circulation in interior.

CO5: Learn the concepts of Space saving Techniques.

CO6: Understand the modern building construction techniques.

**COURSE: KITCHEN DESIGN (ELECTIVE)** **CREDIT: 3**

CO1: Learn the various types Kitchen Layouts and its selection.

CO2: Develop the knowledge on various finishes and materials used in kitchen.

CO3: Understand the anthropometric measurement of human body and its effect in kitchen.

CO4: Learn to design effective kitchen plan which reduces fatigue and discomfort.

**COURSE: RESIDENTIAL SPACE DESIGNING (SKILL BASED) CREDIT: 2**

CO1: Learn the housing problems in India and its solution.

CO2: Develop the knowledge on housing Standards.

CO3: Understand the various funding agency and the government schemes for housing.

CO4: Develop zoning and bye laws for building construction.

## SEMESTER VI

**COURSE: SOFT FURNISHINGS (CORE) CREDIT: 4**

CO1: Learn the various types of furnishings used in interior.

CO2: Develop the knowledge on various floor coverings and curtain.

CO3: Understand the selection techniques in furnishings.

CO4: Learn various window treatments and its purpose in interior.

CO5: Learn the concepts of techniques of care and maintenance of soft furnishings.

CO6: Understand the various materials used in furnishings and its manufacture techniques.

**COURSE: APPLIED ARTS (CORE) CREDIT: 4**

CO1: Learn the various Techniques in enrichment of material.

CO2: Develop the knowledge on creating art pieces.

CO3: Understand the various accessories and its placement.

CO4: Develop skills in table setting with decoration.

CO5: Learn the concepts of craft with various skills.

CO6: Understand techniques of art.

**COURSE: PROFESSIONAL PRACTICE (ELECTIVE) CREDIT: 3**

CO1: Learn the space planning for residence and commercial interior.

CO2: Develop the knowledge on estimation of construction.

CO3: Develop skill to formulate quotation and tender for construction.

CO4: Learn the concepts of Specifications.

**COURSE: ERGONOMICS (ELECTIVE) CREDIT: 3**

CO1: Learn the concept of ergonomics.

CO2: Develop the knowledge on various ergonomic factors and its effect in interior.

CO3: Understand the anthropometric dimensions.

CO4: Learn to design ergonomic work areas and improve the work efficiency.

**COURSE: COMMERCIAL SPACE DESIGNING (SKILL BASED CREDIT: 2**

CO1: Learn the concept of commercial art.

CO2: Develop the knowledge on designing various commercial interiors.

CO3: Understand the window display and interior display techniques.

CO4: Learn various trends in commercial architecture.

**COURSE: FURNITURE AND FURNISHINGS ( C O R E PRACTICAL) CREDIT: 3**

CO1: Learn the correct usage of furniture and furnishings in the effective way.

CO2: Develop the knowledge on designing various furniture layouts.

CO3: Understand the techniques in stitches and pleats.

CO4: understand the evaluation of furniture.

**COURSE: FLORICULTURE AND LANDSCPING (CORE PRACTICAL) CREDIT: 3**

CO1: Learn the techniques of designing various gardens.

CO2: Develop the skill in flower arrangements.

CO3: Understand the method of cultivation.

CO4: Learn to identify various ornamental plants.

# 2020-2021

## DEPARTMENT OF INTERIOR DESIGN & DÉCOR

## B.SC. INTERIOR DESIGN & DÉCOR

## SEMESTER I

**COURSE: DESIGN BASICS (CORE)** **CREDIT: 4**

CO1: Identify artistically appealing interiors as a designer.

CO2: Create objects with good design.

CO3: Apply the various elements of design in producing an interior.

CO4: Using the elements and principles knowledge to interiors.

CO5: Create tastefully decorated interiors with good motifs.

**COURSE: APPLIED ARTS ON TEXTILES-I (ALLIED)** **CREDIT: 3**

CO1: Classify and differentiate different types of fibers and yarns.

CO2: Understand the process of fabric formation by weaving process.

CO3: Know types of dyes and prints applied to decorate fabrics.

CO4: Understand the basic and special fabric finishes.

CO5: Apply the elements and principles of design in the selection of soft furnishings.

## SEMESTER II

**COURSE: COLOUR AND LIGHTING (CORE)** **CREDIT: 4**

CO1: Identify color and light as essential qualities in the physical world

CO2: Apply color in all art forms

CO3: Solve complex color and lighting problems using the principles learnt

CO4: Apply color and light in various functional contexts

CO5: Gain knowledge on recent trends in the usage of color and lighting in interiors

**COURSE: APPLIED ARTS ON TEXTILES-II (ALLIED) CREDIT: 3**

CO1: Learn the different types of stitches in embroidery work and their uses.

CO2: Identify the difference between hand embroidery and machine embroidery.

CO3: Know the various types of embroideries practiced in different states of India.

CO4: Understand the properties of knitted fabrics.

CO5: Apply the elements of design in fabric selection to hide figure irregularities.

**COURSE: DESIGN BASICS (CORE PRACTICAL) CREDIT: 2**

CO1: Identify the types of lines used to create designs.

CO2: Know about anthropometric measurements of human figure.

CO3: Apply the design principles in two dimensional and three dimensional compositions

CO4: Apply the various elements of design in producing an interior.

CO5: Create tastefully decorated interiors with good motifs.

**COURSE: APPLIED ARTS ON TEXTILES (ALLIED PRACTICAL) CREDIT: 2**

CO1: Demonstrate their imagination and creativity in printing.
CO2: Make different varieties of embroideries, tatting and crocheting.
CO3: Make different strokes and use techniques in painting fabrics.

## SEMESTER III

**COURSE: COMPUTER AIDED DESIGN- I CORE)**

**CREDIT: 4**

CO1: Learn the different types of using Auto CAD commands.

CO2: Identify the use of inquiry tools and modification tools.

CO3: Know the various types of text and dimensions.

CO4: Understand about 3D modeling.

CO5: Learn to exchange data and rendering techniques.

**COURSE: INTERIOR DESIGN STUDIO AND BUILDING SYSTEM TECHNOLOGY-I ALLIED)**

**CREDIT: 3**

CO1: Understand the properties and uses of various building materials.

CO2: Gain knowledge on the key terms and techniques used in brick bonding, flooring and roofing.

CO3: Identify various types of doors, windows, arches and partitions.

CO4: Design vertical transportation for a building.

CO5: Analyze the ways of storing rain water by installing rain water harvesting system.

**COURSE: DRAFTSMANSHIP-I (SKILL BASED) CREDIT: 2**

CO1: Use drawing instruments and drafting techniques.

CO2: Adopt scale, dimensioning and lettering techniques in presentation drawings.

CO3: Draw orthographic and isometric drawings.

CO4: Exhibit drafting skills to express design ideas.

CO5: Draft perspective projections using different methods.

**COURSE: BASICS OF INTERIOR DESIGN-I (NME) CREDIT: 2**

CO1: Understand materials and tools by exploring forms, surfaces, textures, and patterns through elements and principles of design

CO2: Establish the design and craft skill relationship and appreciate

CO3: Expand comprehensible knowledge on essentials of Interior Design

CO4: Pertain the information related on color harmonies in interior

CO5: Acquaint art work for interior environment.

## SEMESTER IV

**COURSE: PLANNING LIFE SPACE CREDIT: 4**

CO1: Know the concept of life space

CO2: Understand the functions of a house.

CO3: Learn to divide the life space based on activities.

CO4: Analyze the principles of planning the house.

CO5: Know the technique of prefabrication and cast in site construction.

**COURSE**: **INTERIOR DESIGN STUDIO AND BUILDING SYSTEM TECHNOLOGY-II ALLIED)**

**CREDIT: 3**

CO1: Learn the concept of acoustical design in interiors.

CO2: Analyze the features of different lighting methods used in buildings.

CO3: Understand the importance of ventilation system and their merits.

CO4: Design electrical and plumbing services for a building.

CO5: Summarize the building bye laws.

**COURSE**: **BASICS OF INTERIOR DESIGN-II**

**CREDIT: 2**

CO1: Select furniture for different areas of residence

CO2: Analyze the trends in furniture usage

CO3: Apply recent trends in furnishings in interiors

CO4: Optimize use of visual arts, accessories and antiques for designing interiors and other aspects.

CO5: Expand comprehensible knowledge on essentials of Interior Design

**COURSE: INTERIOR DESIGN STUDIO PRACTICAL** **CREDIT: 2**

CO1: Draw geometric shapes with dimensional compositions.

CO2: Explore design around and between furniture arrangements.

CO3: Apply orthographic and Isometric drawings in floor plan and elevation.

CO4: Relate Perspective drawings with one point and two point scale.

CO5: Apply rendering and presentation in various fields.

**COURSE: COMPUTER AIDED DESIGN PRACTICAL** **CREDIT: 3**

CO1: Make different types of lines using Auto CAD commands.

CO2: Identify the use of inquiry tools and modification tools.

CO3: Write various types of text and dimensions in drawings.

CO4: Understand about 3D modeling.

CO5: Learn to exchange data and apply rendering techniques.

## SEMESTER V

**COURSE: FURNITURE IN INTERIORS** **CREDIT: 4**

CO1: Identify and select furniture for different areas of residence

CO2: Analyze the furniture for the process involved, joints, joineries used and finishes applied

in furniture construction

CO3: Differentiate or interpret the styles in furniture

CO4: Analyze the trends in furniture usage

CO5: Care and maintain furniture used in a given area

**COURSE: COMPUTER AIDED DESIGN II** **CREDIT: 4**

CO1: Learn about 3D modeling.

CO2: Identify the standard primitive tools.

CO3: Know the conversion of 2D models to 3D models.

CO4: Understand about rendering in 3D modeling.

CO5: Learn the basics of Google Sketch Up.

**COURSE: FLORICULTURE AND LANDSCAPING** **CREDIT: 4**

CO1: Do floral arrangements based on principles and elements of design.

CO2: Classify flowering and ornamental plants.

CO3: Make different types of floral arrangements.

CO4: Design and plan landscape garden.

CO5: Acquire knowledge on modern trends in gardening.

**COURSE: FUNDAMENTALS OF ARCHITECTURE** **CREDIT: 4**

CO1. Identify the history and development of architecture.

CO2. Understand the elementary forms of construction.

CO3. Explore the architectural masterpieces of other countries.

CO4. Learn the characteristics of Indian architecture.

CO5. Know the recent trends in architecture.

**COURSE: KITCHEN DESIGN** **CREDIT: 3**

CO1: Understand the advantages and disadvantages of different layouts of kitchen.

CO2: Recognize individual requirements in kitchen.

CO3: Select the appropriate finishing materials for different areas of the kitchen.

CO4: Arrange essential services required for optimum utilization of kitchen.

CO5: Plan proper storage areas in the kitchen.

**COURSE: RESIDENTIAL SPACE DESIGNING** **CREDIT: 2**

CO1: Demonstrate knowledge of space designing and its principles

CO2: Use basic principles of spatial lay out to create well designed residential floor plans

CO3: Analyze and apply client's needs to create effectively well designed floor plans

CO4: Understand the factors that influence the buying, building or the renting of houses

CO5: Identify key issues in housing finance, affordability and technology systems

## SEMESTER VI

**COURSE: SOFT FURNISHINGS** **CREDIT: 4**

CO1: Understand the composition, construction, and finishes applied on fabrics for furnishings.

CO2: Analyze recent trends in furnishings

CO3: Gather information on various household linen, their selection and care.

CO4: Adopt various window treatments in interiors.

CO5: Calculate the cost of furnishing a house.

**COURSE: APPLIED ARTS** **CREDIT: 4**

CO1: Appreciate art and evaluate art objects.

CO2: Understand the process of enriching wood, metal, ceramics and glass.

CO3: Create craft items like macramé, collage, decoupage and basket weaving

CO4: Understand the importance, selection and placement of accessories.

CO5: Know the different styles of food service.

**COURSE: FURNITURE AND FURNISHINGS PRACTICAL** **CREDIT: 3**

CO1: Understand the composition, construction, and finishes applied on fabrics for furnishings.

CO2: Know how to draw furniture layouts.

CO3: Analyze recent trends in furnishings

CO4: Gather information on various household linen, their selection and care.

CO5: Construction different types of curtain pleats.

**COURSE: GOOGLE Sketch up PRACTICAL** **CREDIT: 3**

CO1: Identify the commands in SketchUp software

CO2: Understand the Sketch Up modeling technique

CO3: Make groups and components.

CO4: Create scenes and styles.

CO5: Introduce paint bucket and bitmaps.

**COURSE: FLORICULTURE AND LANDSCAPING PRACTICALS CREDIT: 3**

CO1: Do floral arrangements based on principles and elements of design.

CO2: Classify flowering and ornamental plants.

CO3: Make different types of floral arrangements.

CO4: Design and plan landscape garden.

CO5: Acquire knowledge on modern trends in gardening.

**COURSE: PROFESSONAL PRACTICE** **CREDIT: 3**

CO1: Differentiate different types of residential buildings.

CO2: Understand the factors involved in commercial space designing.

CO3: Understand the types of estimates and quantity surveying methods.

CO4: Learn the importance and uses of specification in construction.

CO5: Know the difference between tenders, quotation and contract.

**COURSE: ERGONOMICS** **CREDIT: 3**

CO1: Distinguish the terms ergonomics and anthropometry.

CO2: Relate significance of anthropometry to work place design.

CO3: Identify Anthropometric dimension of workers at work and at rest.

CO4: Comprehend interrelationship of posture and work on productivity.

CO5: Adhere to safety principles during work performance.

**COURSE: COMMERCIAL SPACE DESIGNING** **CREDIT: 2**

CO1: Recognize the role of art in merchandising.

CO2: Identify techniques of display.

CO3: Make various types of window display.

CO4: Design commercial space for various uses.

CO5: Create retail space for different requirements of customers.

# 2022-2023

## DEPARTMENT OF INTERIOR DESIGN & DÉCOR

## B.SC. INTERIOR DESIGN & DÉCOR

## PROGRAMME OBJECTIVES:

1. Prepare students for higher studies and assisting in their bright career.
2. Expose the students to different developments showed in industries.
3. Develop their ability to apply the knowledge of design principles in day-to-day life.
4. Exhibit the ability, behavioural skills required for successful social adaptation, work in groups, apply knowledge and ideas effectively in writing and verbally.
5. Acquire the ability in independent and life-long learning in the broadest context of socio technological changes.

## PROGRAMME EDUCATIONAL OBJECTIVES:

1. Assist value-based holistic and comprehensive learning by integrating traditional and innovative learning practices to match the standards in their career.
2. Train students with appropriate skills required to adapt better to the ever-changing global scenario and gain access to versatile career opportunities in multidisciplinary domains.
3. Provide a conducive environment to set free their hidden talents, nurture the spirit of critical thinking and encourage them towards higher education.
4. The skills of observations and drawing logical inferences from the space planning.
5. Improve communication and management skills, especially in providing product design.

## PROGRAMME SPECIFIC OUTCOMES:

1. Acquires comprehensive knowledge of the principles of design, elements of art principles, Furniture and Furnishings, Computer Aided Design, Residential space planning, and Fine - Arts Drawing and Painting.
2. Demonstrates an understanding of the application of the art principles of design, textiles, Floriculture, and landscaping.
3. Develop skills to plan, prepare the space in an efficient way to an individual and commercial place.
4. Develop skills to participate productively in consumer and merchandising, house keeping

and front office management and Entrepreneurship skills.

5. Demonstrate the ability to use technology (ICT tools) effectively for communication and professional purposes in the field of Interior design studio and building system technology, planning the life space, Draftsman ship and Google SketchUp.
6. Use critical thinking, creativity, and communication skills to educate community on the recommended modifications in the Ergonomics and Green building technology.
7. Display competence to serve as an interior designer, academicians who can recognize and redefine the space related problems that address the global environment by using green materials appropriately.
8. Apply practical skills in various aspects like principles of design, Lighting and Accessories, Floriculture, Fine arts, Furniture, surface finishes and furnishings in Interiors.
9. Explore their original and creative skills through various medium and technologies in Considering the role of art making in the larger social context.
10. Involve, communicate, and engage in professional practice in utilizing resources properly and develop entrepreneurship skills.

## Programme Outcomes:

PO1. A strong understanding of basic concepts of design principles to an advanced level.

PO2. Capacity to identify, analyze and design space to provide efficient solutions by interpretation of data.

PO3. Perfect gain insight into an interior design field for production of quality.

PO4. Make them able to express ideas persuasively in written and oral form to develop their leadership qualities.

PO5. Apply appropriate knowledge and modern tools of software for solving problems.

PO6. Demonstrate professional and ethical attitude with enormous responsibility to serve the society.

PO7. Compilation and interpretation of interiors data using computer software.

PO8. Demonstrate, solve and an understanding of major concepts in all disciplines of Interior Design.

PO9. Train students in professional skills related to Software Industry.

P10. Develop interdisciplinary approach among the students.

# SEMESTER I

**COURSE: DESIGN BASICS** **CREDIT: 4**

CO1: To identify artistically appealing interiors as a designer.
CO2: To create objects with good design.
CO3: To apply the various elements of design in producing an interior.
CO4: To use the elements and principles knowledge to interiors.
CO5: To create tastefully decorated interiors with good motifs.

**COURSE: APPLIED ARTS ON TEXTILES-I** **CREDIT: 3**

CO1: To understand the types of fibres, yarns and basic weaves.
CO2: To create textile designs by apply its principles.
CO3: To be familiar with effects of various textile finishes.
CO4: To create and a design on textile materials.
CO5: To implement the art principles on different fabrics.

# SEMESTER: II

**COURSE: COLOR AND LIGHTING** **CREDIT: 4**

CO1: To identify artistically appealing interiors as a designer.
CO2: To create objects with good design.
CO3: To apply the various elements of design in producing an interior.
CO4: To use the elements and principles knowledge to interiors.
CO5: To create tastefully decorated interiors with good motifs

**COURSE: DESIGN BASICS PRACTICAL** **CREDIT: 2**

CO1: To identify the types of lines used to create designs.
CO2: To apply the design principles in two dimensional and three dimensional compositions
CO3: To know about anthropometric measurements of human figure.
CO4: To apply the various elements of design in producing an interior
CO5: To create tastefully decorated interiors with good motifs.

**COURSE: APPLIED ARTS ON TEXTILES-II** **CREDIT: 3**

CO1: To prepare samples for various hand embroidery stitches

CO2: To use various surface enrichment methods on fabrics.

CO3: To acquire knowledge on embroideries of different states of India

CO4: To gain knowledge about knitting and its types.

CO5: To recognize the design of specific body types.

**COURSE: APPLIED ARTS ON TEXTILES PRACTICAL** **CREDIT: 2**

CO1: To identify the types of printing techniques

CO2: To apply the various styles in embroidery from different states of India.

CO3: To create tatting designs.

CO4: To apply to create crocheting designs.

CO5: To create fabric painting designs using different strokes and techniques.

# SEMESTER: III

**COURSE: COMPUTER AIDED DESIGN - I** **CREDIT: 4**

CO1: The student will be able to understand the basic concepts and Commands in AutoCAD

CO2: The student will be able to create different objects using modification tools.

CO3: The student will be able to create floor plan using different drafting commands.

CO4: The student will be able to understand the 3D modeling concepts and tools.

CO5: The student will be able to get knowledge on rendering tools.

**COURSE: INTERIOR DESIGN STUDIO AND BUILDING SYSTEM TECHNOLOGY-I ALLIED)** **CREDIT: 3**

CO1: The student will be able to gain knowledge in various types of building construction and materials

CO2: The student will be able to learn about various construction techniques in buildings used in brick bonding, flooring and roofing.

CO3: The student will be able to identify various types of doors, windows, arches and partitions.

CO4: The student will be able to design vertical transportation for a building.

CO5: The student will be able to acquire about the ways of storing rain water by installing rain water harvesting system.

**COURSE: DRAFTSMNSHIP-I** **CREDIT: 2**

CO1: The student will be able to understand the importance of Draftsmanship

CO2: The student will be able to get the knowledge on various drafting tools and their uses.

CO3: The student will be able to create drawings using different types of lines

CO4: The student will be able to understand the concept of dimensioning and their methods of execution.

CO5: The student will be able to know the importance of freehand sketching and technical sketching.

**COURSE: BASICS OF INTERIOR DESIGN-I (NME)** **CREDIT: 2**

CO1: Understand materials and tools by exploring forms, surfaces, textures, and patterns through elements and principles of design

CO2: Establish the design and craft skill relationship and appreciate

CO3: Expand comprehensible knowledge on essentials of Interior Design

CO4: Pertain the information related on color harmonies in interior

CO5: Acquaint art work for interior environment

## SEMESTER – IV

**COURSE: PLANNING THE LIFE SPACE** **CREDIT: 2**

CO1: The student will be able to understand about concept of space and need for space in house

CO2: The student will be able to draw about different types of house

CO3: The student will be able to gain knowledge in division of space in house

CO4: The student will be able to gain knowledge in principles of house plan

CO5: The student will be able to understand about methods of construction and types of construction.

**COURSE: INTERIOR DESIGN STUDIO AND BUILDING SYSTEM TECHNOLOGY-IIALLIED)**

**CREDIT: 3**

CO1: The student will be able to understand the importance of acoustical design for building

CO2: The student will be able to gain knowledge in features of lighting methods used in building

CO3: The student will be able to learn about requirements of providing good ventilation in a building

CO4: The student will be able to gain knowledge in electrical and plumbing service for building

CO5: The student will be able to learn about summarize the building bye laws.

**COURSE: COMPUTER AIDED DESIGN PRACTICAL** **CREDIT: 3**

CO1: The student will be able to make different types of lines using AutoCAD commands.

CO2: The student will be able to identify the use of inquiry tools and modification tools.

CO3: The student will be able to write various types of text and dimensions in drawings.

CO4: The student will be able to understand about 3D modeling.

CO5: The student will be able to apply rendering techniques.

**COURSE: INTERIOR DESIGN STUDIO PRACTICAL** **CREDIT: 2**

CO1: The student will be able to draw geometric shapes with dimensional compositions.

CO2: The student will be able to develop design for furniture arrangements.

CO3: The student will be able to apply orthographic and Isometric drawings in floor plan and elevation.

CO4: The student will be able to apply to perspective drawings with one point and two point scale.

CO5: The student will be able to apply rendering and presentation in various fields.

**COURSE**: **BASICS OF INTERIOR DESIGN-II**

**CREDIT: 2**

CO1: Select furniture for different areas of residence

CO2: Analyze the trends in furniture usage

CO3: Apply recent trends in furnishings in interiors

CO4: Optimize use of visual arts, accessories and antiques for designing interiors and other aspects.

CO5: Expand comprehensible knowledge on essentials of Interior Design

## SEMESTER - V

**COURSE: FURNITURE IN INTERIOR** **CREDIT: 4**

CO1: The student will be able to Gain knowledge to Identify and select furniture for different areas of residence

CO2: The student will be able to analyze the furniture for the process involved, joints, joineries used and finishes applied in furniture construction

CO3: The student will able to Differentiate or interpret the styles in furniture

CO4: The student will gain Knowledge on construction of furniture

CO5: The student will know about the Care and maintain furniture used in a given area.

**COURSE: COMPUTER AIDED DESIGN – II** **CREDIT: 4**

CO1: The student will be able to learn about 3D modeling.

CO2: The student will be able to identify the standard primitive tools.

CO3: The student will be able to know the conversion of 2D models to 3D models.

CO4: The student will be able to understand about rendering in 3D modeling.

CO5: The student will be able to learn the basics of Google Sketch Up.

**COURSE: FLORICULTURE AND LANDSCAPING** **CREDIT: 4**

CO1: The student will be able to do floral arrangements based on principles and elements of design.

CO2: The student will be able to classify flowering and ornamental plants.

CO3: The student will be able to make different types of floral arrangements.

CO4: The student will be able to design and plan landscape garden.

CO5: The student will be able to acquire knowledge on modern trends in gardening.

**COURSE: FUNDAMENTALS OF ARCHITECTURE** **CREDIT: 4**

CO1: The student will be able to identify the history and development of architecture.

CO2: The student will be able to understand the elementary forms of construction.

CO3: The student will be able to explore the architectural masterpieces of other countries.

CO4: The student will be able to learn the characteristics of Indian architecture.

CO5: The student will be able to know the recent trends in architecture.

**COURSE: KITCHEN DESIGN** **CREDIT: 3**

CO1: The student will be able to understand the advantages and disadvantages of different layouts of kitchen.

CO2: The student will be able to recognize individual requirements in kitchen.

CO3: The student will be able to select the appropriate finishing materials for different areas of the kitchen.

CO4: The student will be able to arrange essential services required for optimum utilization of kitchen.

CO5: The student will be able to plan proper storage areas in the kitchen.

**COURSE: RESIDENTIAL SPACE DESIGNING CREDIT: 2**

CO1: The student will be able to demonstrate knowledge of space designing and its principles
CO2: The student will be able to use basic principles of spatial lay out to create well designed residential floor plans
CO3: The student will be able to analyze and apply client's needs to create effectively well designed floor plans
CO4: The student will be able to understand the factors that influence the buying, building or the renting of houses
CO5: The student will be able to identify key issues in housing finance, affordability and technology systems.

## SEMESTER – VI

**COURSE: SOFT FURNISHINGS CREDIT: 3**

CO1: The student will be able to understand the composition, construction, and finishes applied on fabrics for furnishings.
CO2: Analyze recent trends in furnishings for various rooms.
CO3: Gather information on various household linen, their selection and care.
CO4: Adopt various window treatments in interiors.
CO5: Calculate the cost of furnishing a house.

**COURSE: APPLIED ARTS CREDIT: 3**

CO1: The student will be able to appreciate art and evaluate art objects.
CO2: The student will be able to understand the process of enriching wood, metal, ceramics and glass.
CO3: The student will be able to create craft items like macramé, collage, decoupage and basket weaving
CO4: The student will be able to understand the importance, selection and placement of accessories.
CO5: The student will be able to know the different styles of food service.

**COURSE: FURNITURE AND FURNISHING PRACTICAL CREDIT: 3**

CO1: The student will be able to understand the composition, construction, and finishes applied on fabrics for furnishings.
CO2: The student will be able to know how to draw furniture layouts.
CO3: The student will be able to analyze recent trends in furnishings
CO4: The student will be able to gather information on various household linen, their selection and care.
CO5: The student will be able to construction different types of curtain pleats

**COURSE: GOOGLE SKETCH UP PRACTICALS CREDIT: 3**

CO1: The student will be able to identify the commands in SketchUp software
CO2: The student will be able to understand the SketchUp modeling technique
CO3: The student will be able to make groups and components.
CO4: The student will be able to create scenes and styles.
CO5: The student will be able to introduce paint bucket and bitmaps.

**COURSE: FLORICULTURE AND LANDSCAPING PRACTICAL CREDIT: 3**

CO1: The student will be able to do floral arrangements based on principles and elements of design.
CO2: The student will be able to classify flowering and ornamental plants.
CO3: The student will be able to make different types of floral arrangements.
CO4: The student will be able to design and plan landscape garden.
CO5: The student will be able to acquire knowledge on modern trends in gardening

**COURSE: PROFESSIONAL PRACTICE CREDIT: 3**

CO1: The student will be able to differentiate different types of residential buildings.
CO2: The student will be able to understand the factors involved in commercial space designing.
CO3: The student will be able to understand the types of estimates and quantity surveying methods and Prepare detail estimation.
CO4: The student will be able to learn the importance and uses of specification in construction.
CO5: The student will be able to know the difference between tenders, quotation and contract.

**COURSE: ERGONOMICS** **CREDIT: 3**

CO1: The student will be able to distinguish the terms ergonomics and anthropometry.
CO2: The student will be able to relate significance of anthropometry to workplace design.
CO3: The student will be able to identify Anthropometric dimension of workers at work and at rest.
CO4: The student will be able to comprehend interrelationship of posture and work on productivity.
CO5: The student will be able to adhere to safety principles during work performance.

**COURSE: COMMERCIAL SPACE DESIGNING** **CREDIT: 2**

CO1: The student will be able to recognize the role of art in merchandising.

CO2: The student will be able to identify techniques of display.

CO3: The student will be able to make various types of window display.

CO4: The student will be able to design commercial space for various uses.

CO5: The student will be able to create retail space for different requirements of customers.

# 2023- 2024

## PG DEPARTMENT OF INTERIOR DESIGN & DÉCOR

## B.SC. INTERIOR DESIGN & DÉCOR

## PROGRAMME OUTCOME

1. **PO1: Disciplinary Knowledge and Skills**
   Demonstrates theoretical and practical knowledge and understanding of Interior Design and Decoration subjects
2. **PO2: Effective Communicator**
   Communicates subject-specific scientific information effectively through oral and written formats using ICT
3. **PO3: Critical Thinking, Analytical Reasoning, and Problem Solving**
   Applies disciplinary knowledge to identify and analyze problems, finding solutions for planning spaces and interiors
4. **PO4: Research and Scientific Reasoning**
   Demonstrates research skills through data collection, analysis, and interpretation for evidence-based solutions
5. **PO5: Co-operation/Teamwork**
   Contributes significantly and works enthusiastically both independently and in a group
6. **PO6: Digital Literacy**
   Accesses and synthesizes information from electronic media, prepares computer-aided designs, and uses specific software for planning interiors
7. **PO7: Multicultural Competence**
   Recognizes and assesses societal, environmental, and cultural issues related to the area of study within local and global contexts
8. **PO8: Moral and Ethical Awareness/Reasoning**
   Displays moral responsibility, values, and a professional approach, refraining from unethical practices
9. **PO9: Leadership Readiness/Qualities**
   Develops leadership skills, takes initiative, mobilizes resources, and leads group projects and initiatives successfully.

10. **PO10: Lifelong Learning**

    Stays motivated to update consistently with content, concepts, theories, and technologies to meet professional and personal needs

**PROGRAMME SPECIFIC OUTCOMES:**

PSO 1: Acquires knowledge and understanding concepts in core areas such as interior design and decoration and supporting courses in Textiles, Mass Communication as well as Nutrition.

PSO2 : Develops ability to articulate subject knowledge effectively both orally or written to all categories of stake holders/beneficiaries such as patients, clients, professionals and layperson.

PSO3 : Is competent in the use of ICT for collecting and disseminating scientific information.

PSO4 : Acquires skill to translate knowledge of art and design to select interiors, structure and decorative requirements of residential and commercial places.

PSO5 : Is capable of pursuing higher education, research or engaging in teaching, entrepreneurship, public or corporate sector

# SEMESTER - I

**COURSE: FUNDAMENTALS OF ARTS AND DESIGN** **CREDIT: 5**

CO1: Classify design types like structural and decorative design.

CO2: Use different elements of design appropriately in creating design objects.

CO3: Apply the Art principles in Interior Design.

CO4: Apply colour harmonies in various rooms.

CO5: Explain the principles in planning a life space.

**COURSE: LIFE SPACE PLANNING** **CREDIT: 5**

CO1: Understand the principles in planning a life space.

CO2: Examine the factors to be considered in planning different rooms.

CO3: Develop technical terms and construction techniques in buildings.

CO4: Discuss the types of life spaces and their application.

CO5: Design rainwater harvesting system in residential buildings.

**COURSE: FLORICULTURE AND LANDSCAPE DESIGN CREDIT: 3**

CO1: Describe the Concept of Floriculture and ornamental plants.
CO2: Experiment various flower arrangement styles and art principles in arranging flowers.
CO3: Interpret the Importance of indoor plants in relation to use of lightings, care and use in the interiors.
CO4: Create Landscape design with natural and artificial components of landscape.
CO5: Apply the Moern trends in gardening and developing ornamental plants in home garden

**COURSE: EVENT MANAGEMENT CREDIT: 2**

CO1: Apply the Fundamentals of interior and exterior treatments based on climate, cost, style and location.
CO2: Compare the types of structural and applied wall finishes.
CO3: Analyze the different treatments of ceiling finish with innovative materials.
CO4: Classify the types of Hard, semi-hard and soft floor finishes.
CO5: Select and apply the various finishes based on care and maintenance.

**COURSE: FOUNDATION COURSE IN INTERIOR DESIGN CREDIT: 2**

CO1: Understand the scope of interior design.
CO2: Identify the qualities and skills required for interior designer.
CO3: Execute the Interior Design path.
CO4: Organizing work with co-workers.
CO5: Building career in interior design.

## SEMESTER – II

**COURSE: BUILDING FINISHES CREDIT: 5**

CO1: Apply the Fundamentals of interior and exterior materials, treatments based on climate, cost, style and location.
CO2: Compare the types of structural and applied wall finishes.
CO3: Analyze the different treatments of ceiling finish with innovative materials.
CO4: Classify the types of Hard, semi-hard and soft floor finishes.

CO5: Select and apply the various finishes based on care and maintenance.

**COURSE: LIFE SPACE PLANNING PRACTICAL** **CREDIT: 5**

CO1: Experiment with drafting tools and techniques.
CO2: Analyze different ways of arranging furniture in a given space.
CO3: Design of simple layout for rooms.
CO4: Understand the features of Site plan.
CO5: Examine the Vaastu aspects of a house.

**COURSE: FRONT OFFICE MANAGEMENT** **CREDIT: 3**

CO1: Understand the Concept, Scope, importance of front office department.
CO2: Understand and apply the services provided in various areas of front office in a hotel.
CO3: Develop the Qualities, duties and responsibility of front office personnel.
CO4: Analyze the duties of front office personnel.
CO5: Examine the essential trait of front office personnel.

**COURSE: ACCESSORIES IN INTERIOR** **CREDIT: 2**

CO1: Define and classify accessories.
CO2: Criticize various kinds of art forms used as accessories.
CO3: Appraise the folk art styles in interiors.

**COURSE: HANDICRAFT OF INDIA** **CREDIT: 2**

CO1: Identify traditional crafts of India.
CO2: Classify various craft materials.
CO3: Compare and organize craft items in interiors.
CO4: Criticize the craft process and techniques.
CO5: Design new products for craft revival and income generation.

## SEMESTER - III

**COURSE: LIGHTING AND LIGHTING FIXTURES** **CREDIT: 5**

CO1: Describe the importance of selection and arrangement of accessories.
CO2: Classify and apply arts and crafts in interiors.
CO3: Compare the types of lighting accessories.
CO4: Discuss lighting and select the appropriate lighting in interiors.
CO5: Identify different kinds of accessories and utilize them in interiors appropriately.

**COURSE: BASICS OF AUTOCAD** **CREDIT: 5**

CO1. Understand the significance, configuration and working requirements of AutoCAD software.
CO2. Illustrate the point fixing methods in AutoCAD
CO3. Apply drawing aids in working.
CO4. Criticize the draw tools in a drawing.
CO5. Design and develop plans using the modify tools.

**COURSE: APPLIED ART ON TEXTILES** **CREDIT: 3**

CO1: Understand and relate the art principles in an effective way in surface embellishment of fabrics.
CO2: Identify the appropriate technique of fabric painting in terms of fabric and utility.
CO3: Apply basic and decorative embroidery stitches in designing fabrics.
CO4: Evaluate and select the appropriate method of hand printing.
CO5: Create an exhibit or a decorative item using the appropriate surface embellishment

**COURSE: DECORATIVE STYLES** **CREDIT: 1**

CO1: Understand the characteristics and aesthetic features in various styles of interiors.
CO2: Classify and distinguish decorative styles in interiors.
CO3: Analyze the styles of a house in interiors styling steps in interior rooms.
CO4: Compare and Summarize the different Classic and modern styles in interiors.

CO5: Choose and organize an appropriate style of interiors to satisfy customer needs.

**COURSE: FREE HAND SKETCHING** **CREDIT: 2**

CO1: Understand the concept of drawing and sketching and know the basic material and mediums used for sketching.
CO2: Describe the Role and scope of scale models in design.
CO3: Sketch designs for ceramic, glass and grills.
CO4: Compare diagramming and geometric modeling techniques in design.
CO5: Develop Standards and conventions in drawing design.

## SEMESTER – IV

**COURSE: FURNISHINGS IN INTERIORS** **CREDIT: 5**

CO1: Outline the factors to be considered in the selection of fabric for furnishings.
CO2: Describe the methods of drafting and construction of various furnishings.
CO3: Identify and list out the various soft furnishings used in interiors and ways of maintaining them.
CO4: Explore the hard and soft window treatments for interiors.
CO5: Summarize the history, construction and uses of traditional fabrics in interiors.

**COURSE: COMPUTER AIDED DESIGN PRACTICAL** **CREDIT: 5**

CO1. Identify the advanced tools used for 2D drafting of house plans.
CO2. Distinguish the significance of 3D models of objects over 2D drafting.
CO3. Devise design using Boolean operations.
CO4. Compare the materials using 3D tools for different areas.
CO5. Compose interior viewing using camera tools.

**COURSE: BUILDING SERVICES** **CREDIT: 5**

CO1: Understand the general principles in providing plumbing system for building.
CO2: Examine the requirements for electrical supply and distribution system.
CO3: Discuss the role of ventilation and its types.
CO4: Explain the concept of Fire safety in designing the buildings.
CO5: Relate the building by laws and standards.

**COURSE: BUILDING SERVICES** **CREDIT: 5**

CO1: Identify Visual merchandising and retailing.

CO2: Classify and assess the different types of display.

CO3: Compare the materials and its purpose in planning fixtures.

CO4: Appraise and recommend Merchandise presentation.

CO5: Justify and anticipate the current trend and follow SOPs.

**COURSE: COMPUTER APPLICATION IN HOME SCIENCE** **CREDIT: 5**

CO1: Recall the features of MS Office package.

CO2: Understand the application of Google Sketch UP for design.

CO3: Explain computer applications in the field of Nutrition.

CO4: Compare and apply design using computer.

CO5: Create Google forms for data collection.

## SEMESTER – V

**COURSE: FURNITURE DESIGN** **CREDITS: 4**

CO1. Recognize the history of various styles of furniture design like Chippendale, Hepple white.

CO2. Understand the factors influencing the selection of furniture for various uses.

CO3. Identify Different types of Furniture and its uses.

CO4. Apply the guidelines in the arrangement of furniture.

CO5. Develop new ideas to design furniture in residential spaces by implementing ergonomic principles.

**COURSE: APPLICATION OF COLOR IN INTERIORS** **CREDITS: 4**

CO1: Outline the importance of Colour combination and analyze various colors on human moods.

CO2: Identify colors based on designs, elements, themes and lighting.

CO3: Understand the types of emulsion paint and apply to achieve different texture.

CO4: Suggest colour for various interior rooms.

CO5: Explore various wall materials and finishes for commercial spaces.

**COURSE: KITCHEN DESIGN** **CREDITS: 4**

CO1: Draw and Apply the Principles of planning and standards in Kitchen design.

CO2: Apply various types of Kitchen for suitable interiors.

CO3: Examine the Material and finishes of kitchen well suited for performance. Interpret the Current trends in modular kitchen

CO4: Analyze the types of household equipment and design to the needs of customers

CO5: Create a Design for major, minor equipment, storage spaces and their requirements for kitchen.

**COURSE: HUMAN NUTRITION** **CREDITS: 3**

CO1: Understand the concept of Balanced diet.

CO2: Identify sources of foods rich in lipids and protein.

CO3: Analyze the functions of vitamins and minerals

CO4: Assess the nutritional requirements for different age groups

CO5: Propose meal plans for lifestyle disorders

**COURSE: MASS COMMUNICATION** **CREDITS: 3**

CO1: Identify and understand the meaning, characteristics, elements and mode of Mass Communication.

CO2: Distinguish the Barriers in communication and practice the ways of overcoming barriers in Communication.

CO3: Analyze the Impact and functions of Graphic design.

CO4: Criticize the Role of advertisement in modern society.

CO5: Develop display skills in photography.

**COURSE: MASS COMMUNICATION** **CREDITS: 3**

CO1: Identify and understand the meaning, characteristics, elements and mode of Mass Communication.

CO2: Distinguish the Barriers in communication and practice the ways of overcoming barriers in Communication.

CO3: Analyze the Impact and functions of Graphic design.

CO4: Criticize the Role of advertisement in modern society.

CO5: Develop display skills in photography

# SEMESTER – VI

**COURSE: ERGONOMICS** **CREDITS: 4**

CO1: Relate anthropometry, posture and Musculo skeletal disorder.

CO2: Assess the static and dynamic dimensions in anthropometry.

CO3: Analyze the problems of posture and relate the significance of exercises.

CO4: Understand the concept of ergonomics design.

CO5: Compare and identify the right environmental factors.

**COURSE: PRINCIPLES OF RESOURCE MANAGEMENT** **CREDITS: 4**

CO1: Understand the managerial process.

CO2: Identify the resources and factors influencing the use of resources.

CO3: Understand use of tools in time management in day to day life.

CO4: Apply work simplification techniques while planning work.

CO5: Develop skills to draw a budget within the available income and to maintain accounts.

**COURSE: 3D MODELING IN DESIGN (PRACTICAL)** **CREDITS: 4**

CO1: Outline the importance of 3D modeling in designing spaces.

CO2: Create interfacing in both interior and exterior spaces using Google Sketch up.

CO3: Identify and utilize different materials and evaluate the light and camera settings for 3D Views.

CO4: Compare features of 3Ds Max and Google Sketch up.

CO5: Create rendered 3D views of residential and commercial spaces using 3Ds Max.

**COURSE: ENTREPRENEURSHIP DEVELOPMENT** **CREDITS: 3**

CO1: Understand the Concept of entrepreneur and entrepreneurship.

CO2: Compare the financial institutions offering finance to entrepreneurs.

CO3: Relate the role of small enterprises in economic development.

CO4: Explain the concepts of marketing management and marketing mix.

CO5: Create project report for starting a small-scale enterprise.

**COURSE: PROFESSIONAL PRACTICE** **CREDITS: 3**

CO1: Understand and recognize the selection criteria in purchase of common household Equipment.

CO2: Interpret and implement the proper care and maintenance of all major equipment.

CO3: Distinguish the merits and demerits of minor equipment.

CO4: Evaluate the concepts, uses, types of electric household equipment.

CO5: Adapt to the use of smart home gadgets and automation in modern living.

**COURSE: APTITUDE AND REASONING SKILL FOR COMPETITIVE EXAMINATIONS** **CREDITS: 2**

CO1: Understand the basic concepts of quantitative aptitude.

CO2: Identify the concepts underlying the tests of reasoning.

CO3: Solve aptitude and reasoning questions in campus interviews.

CO4: Demonstrate satisfactory competency in logical reasoning.

CO5: Compete efficiently in national and international level competitive exams.

# 2023- 2024

## PG DEPARTMENT OF INTERIOR DESIGN & DÉCOR

## M.SC. INTERIOR DESIGN & DÉCOR

**PROGRAMME OBJECTIVE (POB) OF PG DEGREE PROGRAMME**

The M.Sc., Programme in Home Science – Interior Design and Décor aims to achieve the following objectives:

POB1 :Develop ability to apply design principles in day-to-day life and expose students to the various developments seen in art and design industries.

POB2 : Acquire the ability and behavioral skills required for successful social adaptation that enables students to working groups, apply knowledge and ideas effectively both verbally and in writing.

POB3:Train students with appropriate skills required to adapt easily to the everchanging global scenario and gain access to suitable career opportunities.

POB4 : Improve skills in observation and drawing logical inferences from space planning.

POB5: Explore various mediums and technologies to express their creativity and understand the role of art making in the larger social context.

**PROGRAMME OUTCOMES (PO) OF PG DEGREE PROGRAMME**

On successful completion of M.Sc., Home Science – Interior Design and Décor the student is expected to:

PO1 : Develop designs for both residential and commercial spaces by applying the concept of art and interior design with suitable building materials and which create sustainable environment.

PO2 : Assess and analyze the art principles and colour theories that are most suitable and applicable to surface finishes.

PO3 : Design and develop 2D and 3D floor plans, building system, kitchen and furniture arrangements using ergonomic principles.

PO4 : Formulate hypotheses and thus find solutions for research problems.

PO5 : Cultivate professional skills to be inducted in the field of interior design and décor.

**PROGRAMME SPECIFIC OUTCOMES (PSO) OF PG DEGREE PROGRAMME**

On successful completion of M.Sc., degree in Home Science – Interior Design and Décor the student is expected to:

PSO1: Implement the concepts of design elements, art principles, color and lighting theories in planning interiors and exteriors with optimum use of resources in building services.

PSO2 : Evaluate the characteristics of various hard and soft materials and finishes in Planning residential and commercial spaces and in turn providing eco-friendly environment to meet the community needs.

PSO3: Analyze the various styles of interiors from historical period till modern days to create an aesthetic and ergonomic design in planning furniture, interior and exterior spaces.

PSO4: Implement the skills of communication, graphic design, various perspectives of home science and professional practice to develop new research ideas and meet the consumer requirements with effective use of resources.

PSO5: Demonstrate designs and plans effectively to the clients using various software, apps and technology and possess entrepreneurial skills and competencies.

PSO6: Develop research ideas in creating aesthetic and sustainable buildings with efficient use of renewable resources that are eco-friendly.

## SEMESTER - I

## COURSE OUTCOME

**COURSE: HISTORY OF DESIGN** **CREDIT: 5**

- CO1: Understand the architectural features of prehistoric & Egyptian period
- CO2 :Analyze the different European styles of architecture
- CO3 :Interpret the colonial and oriental influence in interiors
- CO4 :Compose modern architecture based on the Indian historical features
- CO5 : Illustrate the modern and post-modern styles of interiors

**COURSE: APPLICATION OF ART & DESIGN** **CREDIT: 5**

- CO1: Understand and apply the art and design in interiors and exteriors.
- CO2: Create innovative flower arrangement styles and apply them in various occasions and needs.
- CO3: Develop or schemes using color palette and suggesting them in various areas of interiors and exteriors.
- CO4: Apply proper lighting for efficient lighting in interiors and exteriors.

- CO5: Understand and apply various accessories and pictures in selection and arrangement with relation to the background of interiors.

**COURSE: SPACE PLANNING (PRACTICAL) CREDIT: 4**

- CO1: Understand the needs and requirements of planning different spaces in residences. Apply designs to suit the requirements, create residential layouts for different square feet areas.
- CO2: Outline the features of art principles. Apply various art principles to furnish a room thereby creating a specific mood.
- CO3: Analyze the requirements for designing commercial spaces. Design interior spaces for various commercial places.
- CO4 Apply ergonomics in the design of furniture. Design furniture as per ergonomic standards.
- CO5: Categorize built in furniture in accordance to use. Design built in furniture with complete details.

**COURSE: FURNITURE DESIGN CREDIT: 3**

- CO1: Understand the design details of a furniture
- CO2: Analyze the designs of popular designers from Medieval to modern period
- CO3: Understand the features of various materials used in furniture design.
- CO4: Summarize the templates and proportions
- CO5: Analyze the methods of cabinet construction and select the best suitable method for the given purpose on hand.

**COURSE: LANDSCAPING & ORNAMENTAL GARDENING CREDIT: 3**

- CO1 Apply principles of design to create best suited design in lawn making and landscaping
- CO2 Evaluate the integral and supplementary elements to create ornamental garden design
- CO3 Assess, understand and evaluate the different styles and kinds of garden.
- CO4 Create designs in urban landscape and prepare bio aesthetic plans for different areas.
- CO5 Classify different kinds of indoor and outdoor plants; analyze factors for developing patterns in the landscape area.

## SEMESTER – II

**COURSE: RESEARCH METHODOLOGY AND STATISTICS CREDITS: 5**

CO1: Understand Research and its characteristic features and explore the different types of research design. Analyze the research problems and formulate suitable Hypothesis.
CO2: Analyze different sampling techniques and selecting the suitable sampling technique for data collection.
CO3: Identify methods of Data collection using scaling techniques and assessment of data.
CO4: Process and Analyze data through statistical analysis and SPSS software.
CO5: Present research data in a scientific manner and understand the key elements of a research report.

**COURSE: TEXTILE SCIENCE CREDITS: 5**

CO1: Recall the basic concepts of classification and properties of textile fibers and describe the method of manufacture.
CO2: Classify the various types of yarn and summarize the steps of yarn manufacture.
CO3: Illustrate the parts of a loom and weaving mechanism and categorize the different types of weaves.
CO4: Analyze the concepts of dyeing, printing and compile them according to their application, manufacture on the environment and utility.
CO5: Evaluate the impact of fabric finishes for home furnishings.

**COURSE: FURNISHING IN INTERIORS PRACTICAL CREDITS: 4**

CO1: Recall the basic stitches and demonstrate the: application of seams and fullness.
CO2: Extend and apply the concepts of seams and fullness in different types of curtains and draperies.
CO3: Understand the design and choose suitable methods of repair for soft floor coverings.
CO4: Categorize bedding and seating furnishings and design them aesthetically.
CO5: Compile various accessory furnishings and select suitable textile embellishments.

**COURSE: VISUAL MERCHANDISING** **CREDITS: 3**

CO1: Understand Visual merchandising and retailing.

CO2: Analyze the different types of display.

CO3: Summarize the display merchandising techniques and apply the same in interiors and exteriors.

CO4: Categorize Merchandise presentation.

CO5: Propose and forecast trend.

**COURSE: RENEWABLE ENERGY RESOURCES** **CREDITS: 3**

CO1: Understand the theory of energy sources and the need for renewable energy in the present scenario.

CO2: Appraise the new technological innovation and the efficiency of solar energy applications and its working principles.

CO3 Analyze and adapt the significance of utilizing wastes into energy.

CO4: Evaluate the new venture of wind energy technologies and its applications

CO5: Compare and apply other forms of renewable energy, power and geothermal principles, its applications.

**COURSE: STYLES IN INTERIORS** **CREDITS: 2**

CO1: Outline the importance of interior styles and analyze various aesthetics based on themes, design and colour.

CO2: Compare and summarize the different classic and modern styles in interiors.

CO3 Understand the styling steps in interior rooms

CO4 Adapt styles to transcend from traditional to modern smart homes

CO5 Manage and Organize events for various occasions efficiently.

## SEMESTER – III

**COURSE: AUTOCAD IN INTERIORS** **CREDITS: 5**

CO1: Summarize the benefits, configuration and working requirements of AutoCAD software.

CO2: Analyze various tools available for drawing and modifying.

CO3: Outline the importance of 3D modeling in designing spaces. Analyze the features of the software for designing and drafting 2D designs. K1, K3
CO4: Create 3D models for residential and commercial buildings using the tools available.
CO5: Identify different materials and finishes available and utilize them as per the requirements and evaluate the camera settings for 3D views.

**COURSE: COMMERCIAL INTERIORS CREDITS: 5**

CO1: Outline the importance of commercial interior space design and analyze various materials used both in interior and exterior.
CO2: Apply art in commercial space designing and planning based on various purposes. Create 3D miniature models for commercial buildings with suitable materials.
CO3: Understand the requirement of various technical services in commercial high-rise building.
CO4: Describe the need of specialized facilities for commercial building.
CO5: Discuss the holistic approach in commercial architecture. Outline the goals of designing commercial buildings.

**COURSE: 3D MODELING IN DESIGN (PRACTICAL) CREDITS: 5**

CO1: Outline the importance of 3D modeling in designing spaces. Analyze the features of different software available for 3D Modeling.
CO2: Interpret the user interface of Google Sketch up software. Examine the uses of tools available for creating 3D models. Create 3D models for residential or commercial buildings using the tools available.
CO3: Identify different materials and finishes available and utilize them as per the requirements. Evaluate the light and camera settings for 3D views. Create rendered 3D views both interior and exterior spaces using Google SketchUp
CO4: Outline the features of Revit software.
CO5: Create 3D views of residential and commercial spaces using Revit.

**COURSE: SUSTAINABILITY IN BUILDING SCIENCE CREDITS: 4**

CO1: Analyze the role of sustainability in human health and environment.
CO2: Identify the materials that can reduce energy consumption in buildings.
CO3: Discuss various construction strategies in buildings for sustainability.
CO4 Analyze the ways of conserving water in the built environment.
CO5: Examine the ways of implementing energy conservation in buildings.

**COURSE: RESEARCH WRITING AND PRESENTATION CREDITS: 3**

CO1: Demonstrate an understanding of the purpose and significance of research.
CO2: Formulate clear and focused research questions that address specific gaps or areas of inquiry within a given field of study.
CO3: Develop well-structured and reliable data collection instruments, such as questionnaires, interview guides, and observation protocols.
CO4: Analyze and interpret research findings accurately, considering the research objectives and the data analysis results.
CO5: Write clear, concise, and coherent reports that effectively communicate the intended message.

**COURSE: RENOVATION & RESTORATION CREDITS: 2**

CO1: Outline the importance of restoration.
CO2: Understand the application of Adaptive Reuse through case studies
CO3: Analyze the areas in interiors for renovation
CO4: Understand the design aspects of Indian style house
CO5: Develop budget plan for restoration and renovation works.

## SEMESTER – IV

**COURSE: RESOURSE MANAGEMENT CREDITS: 5**

CO1: Identify and analyze the need for resources and apply decision making skills.
CO2: Understand the role of resource and apply the same to prepare time plans.
CO3: Apply work simplification techniques for efficient use of energy.
CO4: Develop skills to prepare a budget within the available income and to maintain accounts.
CO5: Highlight the need of consumer protection by understanding and identifying the consumer behavior and problems.

**COURSE: ERGONOMICS IN INTERIORS** **CREDITS: 5**

CO1: Describe the basic ergonomic principles and understand the need for good environment in a work place.

CO2: Understand the anthropometric dimension of humans and analyze spatial requirements.

CO3: Critically evaluate the environmental factors affecting human beings such as light, sound, noise, climate and vibrations.

CO4: Outline the importance of body mechanics. Demonstrate application of work simplification techniques effectively.

CO5: Discuss the need for ergonomics in buildings, analyze the issues and appraise the importance of Healthy Building.

**COURSE: PROJECT WITH VIVA VOCE** **CREDITS: 7**

CO1 Develop a research design on a topic relevant to their field

CO2 Prepare a systematic literature review on the topic selected

CO3: Select and execute the most appropriate methodology for the study and provide justification for the choice made. K2, K3

CO4: Acquire skill in collecting, analyzing, presenting and interpreting data accurately.

CO5: Present findings of the study in a logical and sequential manner and discuss the backdrop of available scientific literature; Cite references in prescribed format and conduct plagiarism check on the document prepared.

**COURSE: PROFESSIONAL PRACTICE IN INTERIORS** **CREDITS: 3**

CO1: Describe the need and purpose of professional practice in Interior Design field. Understand the ethical standards to be followed by designers.

CO2: Analyze the client needs, their budget and design preferences in a project build a sense of trust with the clients for smooth execution of the project.

CO3: Examine the process of Project management. Construct a schedule for design projects.

CO4: Evaluate the cost required for materials and construction work and there by create a budget for a project.

CO5: Understand the importance of design portfolio in career. Create a design portfolio.

**COURSE: PERSPECTIVE OF HOMESCIENCE** **CREDITS: 2**

CO1: Compare and analyze the nutrient value of foods and prepare menu plans for different age groups.

CO2: Plan nutritional care for people with nutritional deficiencies, involved in sports, and at times of emergency and disasters.

CO3: List the principles of growth and development and realize the importance of mastering developmental tasks at each life stage. K1, K2, K3

CO4 Understand the concept, theories and models of communication K1, K2

CO5: Understand the principles of extension education and analyze the qualities of extension worker.