**SCHEME OF STUDY 2023**



**UNDERGRADUATE POLICY BFA (TEXTILE DESIGN)**

**INSTITUTE OF DESIGN AND VISUAL ARTS**

**LAHORE COLLEGE FOR WOMEN UNIVERSITY, LAHORE**

**BFA TEXTILE DESIGN DEPARTMENT**

1. **Department Overview**

The Textile Design Department was established in 2012 offering four years professional Degree Program in Textile Design. The department heightens and promotes creativity through teaching and learning by offering academic excellence, personalized attention, proper foundation and skills for an exciting career and a wide spectrum of Textile Design courses suitable for professional needs. The four years bachelor program in Textile Design will train the students for traditional skills like spinning, knitting, off-loom and on-loom weaving, block printing, hand screen printing, tie and dying, as well as modern techniques of digital printing and fabric manipulations. In every course, strong historical and theoretical knowledge of the field and diverse creative practice related to weaving textile and printing to sculptural fiber will be developed.

**SCHEME OF STUDY, 2023**

**Year – 1**

**Semester- I:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course type** | **Course Codes** | **Courses** | **Credit Hours** |
| Gen Education |  | Functional English | 3(3+0) |
| Gen Education |  | Ideology and Constitution of Pakistan | 2(2+0) |
| Gen Education |  | Applications of Information and Communication Technologies | 3(2+1) |
| Major |  | Fundamental of Design  | 3(0+3) |
| Major |  | Drafting  | 2(0+2) |
| Major |  | Drawing I | 2(0+2) |
| Major |  | History of Art | 2(2+0) |
| **Total Credit Hours** | **17** |

**Semester- II:**

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| --- | --- | --- | --- |
| **Course type** | **Course Codes** | **Courses**  | **Credit Hours** |
| Gen Education |  | Expository Writing | 3(3+0) |
| Gen Education |  | Islamic Studies / Ethics | 2(2+0) |
| Gen Education |  | Quantitative Reasoning-1 | 3(3+0) |
| Major |  | Design Process  | 3(0+3) |
| Major |  | Drawing – II | 2(0+2) |
| Major |  | Introduction to Arts & Design  | 2(2+0) |
| Major |  | Sculpture | 2(0+2) |
| **Total Credit Hours** | **17** |

**Year – II**

**Semester –III:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Course type** | **Course Codes** | **Courses**  | **Credit Hours** |
| Gen Education |  | Social Sciences | 2(2+0) |
| Gen Education |  | Natural Sciences  | 3(2+1) |
| Gen Education |  | Quantitative Reasoning-2 | 3(3+0) |
| Major |  | Textile Design Studio Practice – I | 2(0+2) |
| Major |  | History of Textile Design  | 2(2+0) |
| Major  |  | Introduction of Textile and Clothing  | 3(3+0) |
| Major |  | Embroidery and Embellishment Techniques | 2(0+2) |
| **Total Credit Hours** | **17** |

**Semester –IV:**

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| --- | --- | --- | --- |
| **Course type** | **Course Codes** | **Courses** | **Credit Hours** |
| Gen Education |  | Arts and Humanities | 2(2+0) |
| Gen Education |  | Entrepreneurship | 2(2+0) |
| Gen Education |  | Civics and Community Engagement | 2(2+0) |
| Major |  | Weaving Studio – I | 3(1+2) |
| Major |  | Textile Design Studio Practice – II | 2(0+2) |
| Major |  | Fashion Drawing  | 2(0+2) |
| Major |  | CAD-I | 2(0+2) |
| **Total Credit Hours** | **15** |

**Note: Total credit hours of Associate Degree = 68**

**Year – III**

**Semester- V:**

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| --- | --- | --- | --- |
| **Course type** | **Course Codes** | **Courses** | **Credit Hours** |
| Major |  | CAD – II | 2(0+2) |
| Major |  | Drawing - III  | 2(0+2) |
| Major |  | Textile Dyeing and Printing-I  | 3(1+2) |
| Major |  | Textile Design Studio Practice – III | 2(0+2) |
| Major |  | Weaving Studio – II | 3(1+2) |
| Major |  | Textile Raw Materials | 3(3+0) |
| Allied/Interdisciplinary |  | Book Illustration | 3(1+2) |
| **Total Credit Hours** | **18** |

**Semester- VI:**

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| --- | --- | --- | --- |
| **Course type** | **Course Codes** | **Courses** | **Credit Hours** |
| Major |  | CAD – III | 2(0+2) |
| Major |  | Drawing – IV | 2(0+2) |
| Major |  | Textile Design Studio Practice – IV | 2(0+2) |
| Major |  | Textile Dyeing and Printing – II  | 3(1+2) |
| Major |  | Textile Finishes  | 3(3+0) |
| Major |  | Quality Characterization of Textiles | 3(3+0) |
| Allied/Interdisciplinary |  | Pattern Making | 2(0+2) |
| **Total Credit Hours** | **17** |

**Year – IV**

**Semester –VII:**

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| --- | --- | --- | --- |
| **Course type** | **Course Codes** | **Courses** | **Credit Hours** |
| Major |  | Research Methodology | 3(3+0) |
| Major |  | Fashion/Textile Seminar | 2(2+0) |
| Major |  | Textile Surfaces Design – I | 4(0+4) |
| Allied/Interdisciplinary |  | Textile Marketing and Merchandising  | 3(3+0) |
| Internship/Field experience |  | Internship/Field experience | 3 |
| Allied/Interdisciplinary |  | Photography Skills | 2(0+2) |
| Total Credit Hours | 17 |

**Semester –VIII:**

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| **Course type** | **Course Codes** | **Courses** | **Credit Hours** |
| Major |  | Textile Surface Design - II | 6(0+6) |
| Major |  | Product Development  | 4(0+4) |
| Allied/Interdisciplinary |  | Foreign Language | 2(2+0) |
| Capstone project |  | Capstone project | 3(0+3) |
| Total Credit Hours | 15 |

**List of Minor for students of BFA Textile Design**

Student of BFA Textile Design may opt any one or two minors among all minors being offered in the university as per availability of resources and offering of concerned department.

1. Minor in GRAPHIC DESIGN DEPARTMENT
2. Minor in INTERIOR DESIGN DEPARTMENT
3. Minor in VISUAL ARTS DEPARTMENT
4. Minor in PSYCHOLOGY DEPARTMENT
5. Minor in [MANAGEMENT SCIENCES](https://ocd.lcwu.edu.pk/course-details.php?ccode=TWFqL0JDLTMwMw%3D%3D)

**Minor in Textile Design**

**Scheme of Studies**

The student may opt any of the following courses (minimum 12 credit hours) as per availability of resources

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Course Code** | **Title** | **Credit Hours** |
|  |  | Fashion Drawing  | 2(0+2) |
|  |  | Embroidery and Embellishment | 3(0+3) |
|  |  | Off-loom Weaving | 2(0+2) |
|  |  | Introduction of Textile and Clothing  | 3(3+0) |
|  |  | History of Textile Design  | 2(0+2) |
| Total | 12 |

**Course Title:** Fundamental of Design **No. of Credit Hours:** 3(0+3)

**Course Code:** \_\_\_\_\_ **Year:** I  **Semester:** I\_  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| To build creative thinking, aesthetical skills and research.Design creation through elements of design.Visualization of ideas according to space, surface, medium and texture.Course Outline:* Introduction of elements of design
* Line, its different types and their usage in design
* Shapes, their types and usage in design.
* How to use size variation for design creation
* Space in design (Positive and negative space)
 |
| **RECOMMENDED BOOKS*** Light and colour theories and their Relation to Light and Color Standardization by Joseph W. Lovibond.
* Elements and Principles of Design: Student Guide with Activities by Crystal Productions.
* Geometrical drawing for art students by Morris, I.H.
 |

**Course Title:** Drafting **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** I  **Semester:** I\_  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Drafting is a technical drawing of any perceived idea and exhibiting it at real proportion and scale. It is used to develop a design idea into a coherent proposal, to communicate ideas and concepts, to convince clients of the merits of a design, to enable a contractor to construct it, as a record of the completed work, and to make a record of a structure or object that already exists. In order to produce any design, in reality drafting is required, It is very important to use Drafting apparatus accurately so that there are no errors in the drawing. Drawing should have complete description that is required for the implementation of design, with a sense of scale.Course Outline: * Introduction to Drafting Tools and Materials
* Basic Drafting Techniques
* Floor Plans and Elevations
* Sectional Views and Perspective Drawings
* Types of Perspectives
 |
| **RECOMMENDED BOOKS*** Book Title : The Fundamentals of Architecture Author : Lorraine Farrelly Edition : First Edition Publisher : AVA Publishing
* Book Title : Perspective Made Easy Author : Ernest R. Norling Edition : Enhanced Edition Publisher : Dover Publications,INC
 |

**Course Title:** Drawing - I **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** I  **Semester:** I\_  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| This drawing course will be beneficial for the students in learning process of upper level courses as painting, graphics, photography, sculpture, ceramics, printmaking, calligraphy, etc. Upon successful completion of the course, the student will acquire the listed skills: A basic introduction for study in any two-dimensional or three- dimensional field of art Observation in various subject areas such as still life, interiors, nature study, landscape and abstractionCourse Outline: * Introduction to Drawing Basics
* Study Rendering Style
* Understanding Shapes & Forms
* Exploring Different Mediums
* Experimenting with Mixed Media
* Study of Drapery
 |
| **RECOMMENDED BOOKS*** Book Title: How to Draw What You See Kindle Edition
* Book Title: The New Drawing on the Right Side of the Brain
* Book Title: Keys to Drawing
 |

**Course Title:** History of Art **No. of Credit Hours:** 2(2+0)

**Course Code:** \_\_\_\_\_ **Year:** I  **Semester:** I\_  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| This course aims at bringing an awareness of the importance of art history for the students of art in the light of ancient civilizations. Students will learn to observe various art forms of Pre-historic and ancient civilizations.Course Outlines:* An overview of prehistoric Art/ Primitive Art/Cave Art.
* ﻿﻿﻿An overview of Art from the early Civilizations, including Mesopotamian Civilization, Indus valley civilization, Ancient Egyptian civilization, Greek civilization, Roman civilization.
* ﻿﻿﻿ Overview of Buddhist Art: its architecture, painting, sculpture and minor crafts, Gandhara Art, Ajanta Art
* ﻿A brief visual overview of the development of Art and Ideas: Europe and America
* A visual overview of oriental Art
* ﻿﻿Brief introduction of Persian Art, main characteristics and visual overview of art works
* ﻿﻿Brief introduction of Contemporary Art from Pakistan and its neighbouring countries, including
* ﻿﻿China, Iran, India.
 |
| **RECOMMENDED BOOKS*** Book Title : Gardner's Art Through The Ages (A Global History)
* Book Title : A History of Roman Art
* Book Title : A World History of Art
* Book Title : Archaeology of Early Buddhism
 |

**Course Title**: Design Process  **No. of Credit Hours:** 3(0+3)

**Course Code:** \_\_\_\_\_ **Year:** I  **Semester:** II  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| To apply principle of design according to specific composition.Develop practical design skills.Understand the play and effect of colors in design.Learn the importance of creative undertaking.Course Outlines: * Introduction to Principles of design
* Color theory
* Use of different basic principles for creating different types of design.
* Creative design
 |
| **RECOMMENDED BOOKS*** Light and color theories and their Relation to Light and Color Standardization by Joseph W. Lovibond.
* Elements and Principles of Design: Student Guide with Activities by Crystal Productions.
* Pioneers of Modern Design: From William Morris to Walter Gropius by Nikolaus Pevsner.
 |

**Course Title**: Drawing – II  **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** I  **Semester:** II  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
|  Students simplify complexity of realistic drawings through abstraction .Students understand conversion of natural forms into textile patterns .Students attain an appropriate level of drawing skills to use different paint mediums. Emphasis is placed on developing basic techniques for proportioned croquis and rendering the figure, fashion styles and fabrics in pencil and color, as well as the method of drawing flats used in fashion design. .Emphasis is placed on advanced techniques for croquis rendering and the figure in motion, fashion styles and fabrics, as well as flats used in marketing fashion to the retail trade.Course Outlines:* Introduction to all possible Nature objects like, sea shells, leaves, flowers, stones, animals, insects, birds and etc.
* Explore your surroundings to study different shapes, form and texture
* Explore different kind of textures and colors in nature through shading and coloring via various mediums.
* Observe surroundings and quick sketching of animals and birds
* Detail study of their skin texture, feathers and fur
* Study the architecture with the reference of perspective
* One Perspective architectural drawing
* Architectural drawing with the combination of 2 or more-point perspective
 |
| **RECOMMENDED BOOKS*** Book Title: The Naturalist at Home: Projects for Discovering the Hidden World Around Us
* Book Title: The Joy of Botanical Drawing: A step by step Guide to Drawing and Painting Flowers, Leaves, Fruits and More
* Book Title: Architectural Graphics
 |

**Course Title**: Introduction to Arts & Design **No. of Credit Hours:** 2(2+0)

**Course Code:** \_\_\_\_\_ **Year:** I  **Semester:** II  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| **OBJECTIVES**To develop skills as tools to rationalize/ quantify ideas. To give students comprehensive understanding of major art disciplines. To stimulate the understanding of visual structuring as a means of communication. To establish the norm that the dialogue between the object and the individual is crux of the creative process Course Outlines: INTRODUCTION TO ART/ AESTHETICS* What is Art? Definition/ Principles
* Language of Art
* Art & Aesthetics

INTRODUCTION TO ART FORMS1. Painting & its Forms* Easel Painting (Oil, Water Colors, Gauche, Acrylic, Airbrush, Pastels, Collage, Mix Media, Tempera, Wax Painting, Crayons, Pen & Ink)
* Mural (Fresco, Mosaics, Stain Glass, Airbrush & Mix Media)
* Miniature (*Siyah* *Qalam*, *Gad* *Rang*, Method, Making & Procedure)

2. Sculpture & its Forms* Carving
* Modeling
* Casting
* Other Methods
* 2D, 3D Sculpture
* Installation/ Location or Site/ Space Specific Sculpture

3. Printmaking & its Forms* Lino
* Wood Cut
* Dry Point
* Monotype Prints
* Intaglio
* Aqua Tint
* Etching
* Lithography
* Mezzo Tint

4. Ceramics 5. Calligraphy & its Forms6. Crafts7. Puppetry8. Textile9. Photography10. Architecture11. Landscape Architecture12. Publicity Design13. Product Design14. Film & the Historical Imagination15. Introduction to Theater as art form16. Dance as an Art Form 17. Graffiti  |
| **RECOMMENDED BOOKS*** Book Title: The Cambridge Handbook of The Psychology of Aesthetics and The Arts
* Book Title: Aspects of Art: An Essential Textbook for Students of Art in Pakistan
* Book Title: The meaning of Art
 |

**Course Title**: Sculpture **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** I  **Semester:** II  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Students would be able to have the complete knowledge about sculpture in round and all kind of sculpture in relief forms skill fully. they would be able to play in 3rd dimension of surfaces of different material in subtraction and addition method. They would analyze different textures and material and their handling.Course Outline:* Introduction to Sculpture
* Materials and Tools
* Sculpture Techniques - Part 1
* Sculpture Techniques - Part 2
* Sculpture in Relief
* Abstraction and Non-Representational Sculpture
* Surface Treatments and Finishes
 |
| **RECOMMENDED BOOKS*** Book Title : Sculpture: Principles and Practice
* Book Title : Modelling and Sculpture: A Guide to Traditional Methods
* Book Title : Elementary Instructions for Students of Sculpture Paul getty muesuem, , ;LOS
 |

**Course Title**: Textile Design Studio Practice – I **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** II  **Semester:** III  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Develop strong creative and problem solving skills Gain technical expertise in a range of design layouts and repeatsBuild knowledge of design for a particular marketGain an idea of the experience of working within the fashion and textile industriesKnow the process of Textiles from theme selection, sketching, rendering till finishing.Knowledge and understanding of the functional and aesthetical requirements of textiles for a range of applications.Course Outline:* Simplified and Reduced Designs
* Exaggerated and Detailed Designs
* Categories and Sub- Categories of Textile Design:
* Floral Designs
* Geometric Design
* Conversational Designs
* Ethnic Designs
 |
| **RECOMMENDED BOOKS*** Understanding of 2D and 3D spaces
* Illusion of depth on flat surface
* Understanding of Repeatable industrial scale designing
* Students will be given assignments which will be research oriented to express their views on the subjects and different topics under discussion.
 |

**Course Title**: History of Textile Design **No. of Credit Hours:** 2(2+0)

**Course Code:** \_\_\_\_\_ **Year:** II  **Semester:** III  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| This course aims to provide a comprehensive understanding of the rich history of textiles in Pakistan. From ancient traditions to modern innovations, participants will explore the evolution of textile craftsmanship, trade, and cultural significance in the region. The course will cover key periods, techniques, and influences that have shaped Pakistan's textile industry into the vibrant and diverse landscape it is today.Course Outline:* Introduction of textile
* History of textile and design,
* Detail of fibers,
* Natural fibers and synthetic,
* Yarn formation, fabric formation,
* Weaving,
* Knitting, laced fabric,
* Braded fabric, garment,
* Pattern making through design
* Elements,
* Dyeing and printing processing in textile industry
 |
| **RECOMMENDED BOOKS*** Book Title : 20th Century Pattern Design : Textile & Wallpaper pioneers.Author : Jackson, Lesley.Edition : 2011Publisher : London : Mitchell Beazley,
* Book Title : Prehistoric Textiles Title Prehistoric Textiles: The Development of Cloth in the Neolithic and Bronze Ages with Special Reference to the AegeanAuthor : E. J. W. BarberEdition : 1991Publisher : Princeton University Press
 |

**Course Title**: Introduction of Textile and Clothing **No. of Credit Hours:** 3(3+0)

**Course Code:** \_\_\_\_\_ **Year:** II  **Semester:** III  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Definition of textiles (fiber, yarn, fabric, and garment) and basic terms and definitions. Divisions of textile products (Apparel, Home and Furnishing Textiles and Technical Textiles). Current Pakistani and International Textile Production, import, export, and growth. Classification of textile fibers and sources or origins of chief fibers. Textile yarns, process flow charts of basic operations of yarn manufacturing. Common types of spinning e.g., Rotor and Ring. Yarn numbering systems. Weaving and Process flow of manufacturing of woven fabrics. Introduction of winding, warping, sizing, and weaving process. Construction of woven fabric (basic weaves). Knitting, types of knitting processes and end uses. Main parts of weft and warp knitting machines and their function. Comparison of properties of woven and knitted fabrics. Definition and application areas of nonwovens. Nonwovens markets and their world production. Web formation and bonding of nonwovens.Textile and garment chemical processing, i.e., Pre-treatment, Dyeing, Printing, Finishing. Operations and objectives of chemical processes. Introduction to textile dyes and auxiliaries. General classification of textile dyes and their application.Understand the processes sequence and operations of garment processes. Basics and importance of garment inspection and quality control and garment finishing. |
| **RECOMMENDED BOOKS*** Textile Engineering: An Introduction, Edited by Yasir Nawab, De Gruyter, Oldenbourg, 2016
* Manual of Textile Technology, by W. Klien, The Textile Institute, Manchester, 1986
* Advanced Textile Engineering Materials by S. Islam and B.S. Butola, Scrivener Publishing LLC, 2018
* Handbook of Nonwoves, Edited by S. J. Russell, The Textile Institute, UK, 2007
* Engineering Textiles by Y. E. Mogahzy, Woodhead Publishing, 2008
 |

**Course Title**: Embroidery and Embellishment Techniques **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** II  **Semester:** III  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| * Origin and History of Embroidery
* Cross-cultural influences
* Embroidery: Thread, Needle, Frame types
* Material used for embellishment.
* Types of embroidery
* Free thread embroidery
* counted thread
* Cross stitch
* Basic hand embroidery stitches:
* Straight Stitch
* Chain Stitch
* Open chain stitch
* Twisted chain stitch
* Running stitch
* Couching,
* Ring stitch
* Darning stitch
* Back stitch
* Zig zag
* Feather stitch
* Fly stitch
* Darning stitch
* leaf stitch
* Mirror work.
* Bead work
* Panni
* Spider web stitch
* Padded stitch
* Stump work
* Purposes and symbolism of various motifs 1- International and local motifs 2- Crochet 3- Ribbon Embroidery & stump-work (relief embroidery) 4- Lace making 5- Mukaish work 6- Chicken kaari of Lucknow.
* Patch work, Ralli and Quilt Making
* Traditional aari and adda work
* Introduction to traditional techniques 1- Phulkaari and Bagh from the shawls of Punjab 2- Suzani Embroidery of Uzbekistan
* Banjara Embroidrey of Andhra
* Kashmir and Embroidery
* Braided Rugs.
 |
| **RECOMMENDED BOOKS*** Book Title: Asian Embroidery, Author: Jasleen Dhamija
* Book Title: The Techniques of Indian Embroidery, Author: Anne Morrell
 |

**Course Title**: Weaving Studio – I **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** II  **Semester:** IV  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Plain weave: Definition, Variation of Plain weave, Harness draft of plane weave, warp bedInterlacing system of Plain weave: (Practical) Vertical ribs, horizontal ribs (paperwork). Twill weave: Definition, Harness draft of Horizontal and vertical ribsVariation of twill weaves. Even sided twill, Warp faced twill; Weft faced twill, Zigzag weave. Herring bone weave. Basic of tapestry weaves. Wall hanging. Panama Weave.* The course offers an introduction to creating woven fabrics on a table handloom.
* The students learn basic weaving techniques, drafting of weaves on paper, and the interrelation of yarns, color and weave structure in a fabric design.
* Terminology and Reference material
* Equipment - Shuttles & bobbins etc.
* Warp Preparation: Making a warp, Slaying the reed, Threading of Heddles, Beaming a Warp
* Weaving Techniques: Obtaining the right beat, Selvedges, Fixing errors and breaks, Hand manipulated techniques.
* Weaving drafts: reading and writing weaving drafts, understanding drawdowns.
* Weaving group and individual samples to explore different weave structures and yarns.
* Design process for weaving
* Designing Individual Projects
* Finishing techniques
 |
| **RECOMMENDED BOOKS**Through observation and with practice, the student will be able to: * Develop an appreciation of hand-weaving as it relates to apparel or art forms.
* Identify and understand weaving terminology.
* Operate looms (both floor & table)
* Prepare a loom for weaving by winding the warp.
* Slaying the reed and threading heddles
* Understand the structure of woven cloth and the differences & similarities between different weave structures

Read and understand written weaving drafts.* Recognize yarn characteristics and their relationship to the aesthetics of woven fabric.
* Calculate yarn quantities required for projects.
* Understand the importance of accurate records for a woven project.
* Use weaving computer software to aid in project design.
* Design, plan, and construct original woven fabric samples & fabric lengths.
* Develop problem solving techniques that relate to weaving
* The importance and necessity of adherence to time limits for shared loom and equipment.
 |

**Course Title**: Textile Design Studio Practice – II **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** II  **Semester:** IV  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| The ability to efficiently communicate ideas in 2-D sketches.Importance of creativity, idea generation and visual communication. Repeats: Block, square, half drop, diamond, mirror and over-all.For each Repeat the students will create a: Research Board, Sketch, Painted Key, Repeated Design on Graph sheets and on scholar sheets painted in poster colors.* Conversational Designs:
* Designs with Animals and Birds;
* Natural Textures: animal skin, fur, vegetables, fruits etc
* Architectural Designs
* Camouflage
* Juvenile: cartoons, celestials, toys and circus etc for kids.
* Commemorative: with flags, stamps, landmarks or monuments
* Photo-prints, seamless patterns
 |
| **RECOMMENDED RESOURCES MATERIALS:** * Understanding of 2D and 3D spaces
* Illusion of depth on flat surface
* Understanding of Repeatable industrial scale designing
* Students will be given assignments which will be research oriented to express their views on the subjects and different topics under discussion.
 |

**Course Title**: Fashion Drawing **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** II  **Semester:** IV  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Learning implementation principles of exaggeration to a human figure and to produce skillful fashion drawing.Development of surface rendering techniques to illustrate clear use of material in design illustration.To learn skills to create links between a garment and an image to observe how a garment does takes its inspiration from different visual elements.Develop understanding of different technical details of garment to produce accurate technical sketches.* Figure Drawing
* Geometric representation
* Fabric/Material Rendering
* Development of Fashion Figure
* Three types methods of figure drawing
* Drawing with charcoal
* Collection of classic silhouettes
* Collage Fashion Figure
* Concept of research board
* Concept of Mood Board
* Theme Base Project
 |
| **RECOMMENDED BOOKS*** Drawing with pencil by Mike Sibley
* Pencil drawing techniques by David Lewis
 |

**Course Title**: CAD-I **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** II  **Semester:** IV  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Digital printing is by far one of the most exciting developments in the textile industry. Not only does it open up endless opportunities for customization, small run printing, prototyping and experimentation but it also puts textile printing within the budget of your average illustrator. This course provides students with a broad introduction to 2-dimensional and 3-dimensional Computer-Aided Design (CAD) with a focus on Textile design and Printing specific applications. Students will learn how to use industry-leading CAD software programs (Adobe Photoshop and Adobe Illustrator) to make textile prints and patterns. Digital textile printing can reproduce unlimited colors and shades but - as with most forms of printing what you see on screen is not necessarily what you get back, so it requires developing expertise in understanding colors.* Introduction
* Installing software in the machines.
* Understanding interface and tools in adobe Photoshop
* Making patterns in adobe Photoshop
* Selections and layers in adobe Photoshop
* Advanced selections in adobe Photoshop
* Working with brushes in adobe Photoshop
* Introduction to pen tool
* Making patterns and understanding repeats
* Digital textile design ready to print
* Exhibition of the Products: Display
 |
| **RECOMMENDED BOOKS*** Cad in Clothing and Textiles
* Adobe Photoshop ELEMENTS for Textile Design
 |

**Course Title**: CAD-II **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** V  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| The students will study how to: . Use advanced selection tools and edge refinement to isolate and edit parts of an image. . Understand how channels work in Photoshop; Master channel making for unique as well as standard colours. Master skills in Making costume Brushes for Digital Painting. . Develop skills in digital Painting techniques by using Pen and Tablets. Create composite images that demonstrate advanced selection and layering techniques. Make advanced textile prints and patterns; Mix different medium and techniques. Deliver print ready files for textile designs; Enhance further expertise in software and digital print. The role of CAD/CAM systems in textile and apparel supply chain “From concept and sketch to market”. Industry specific CAD systems (print design, weave/knit design, sketching/illustration, digitizing, grading, marker making, pattern design, 3D imaging, texture mapping, body measurement, specification management, supply chain management, virtual merchandising etc.). Apply sustainable practices related to fashion and textiles issues. Course Outline:* Introduction to channels in adobe Photoshop
* Mastering pen tool
* Managing custom color pallets
* Introduction to channels in adobe illustrator
* Industry specific CAD systems (print design, weave/knit design, sketching/illustration, digitizing, grading, marker making, pattern design, 3D imaging, texture mapping, body measurement, specification management, supply chain management, virtual merchandising etc)
* Delivering print ready files
* Practicing further expertise in software and digital print.

Exhibition of the Products: Display. |
| **RECOMMENDED BOOKS*** Book Title: Advanced Adobe Photoshop CS6 Revealed, Author : Chris Botello
* Book Title: Patterns - Inside the Design Library, Author : Peter Koepke
 |

**Course Title**: Drawing - III **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** V  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Develop visual perception as it pertains to translating 3D form on a 2D surface.Accurately represent form and volume both simple and complex using observation in a spatial context.Develop proficiency and awareness in composition as it pertains to drawing.Develop proficiency in the use of line, value, shape and surface texture as it pertains to light logic.Course Outline: Students explore different drawing tools according to effect.* Development of surface rendering techniques to illustrate clear use of materials in design illustrations.
* Acquire skills to create links between a garment and an image to observe how does a garment takes its inspiration from different visual elements
* Figure drawing: Study of skull, hands, feet and portraits
* Study of different postures of human figure
* Still Life
* Landscape/ City Scape
* Fabric/material rendering and development of fashion figures
 |
| **RECOMMENDED BOOKS*** Peck, Roger, Stephen. *Atlas of Human Anatomy for the Artist.* (1982). Oxford University Press.
* Simblet, Sarah. *Anatomy for the Artist.* (2001) D.K. Publishing.
* Waller, Jane. *Human Form in Clay*. (2001) Crowwood Press Ltd.
 |

**Course Title**: Textile Dyeing and Printing-I **No. of Credit Hours:** 3(1+2)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** V  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| The introduction to textile Apparel, Home textile and furnishing allows students to develop their personal performance for their specializing area within the field of textile design.Dye stuffs: sources and types: synthetic dye stuffStudents are engaged with complete course of printing. It includes learning of dyeing (home dyeing, factory dyeing), involvement of machines, various dye stuff, for different materials and various methods of home dyeing includes: Resist dyeing (various methods); Chunri; Lahrria; Folding method; Stitch resist; Batik and Tue and Dye.The objective of the course is to understand printing technology, apply the technique and dye type according to the fiber type and quality of fabric.Course Outline:Students can differentiate between the printing and dye types.* Tie and Dye (Synthetic Dyes): Types of Folding and knotting techniques
* Natural Dye stuff and dye bath: hareer, coconut skin, walnut skin, pomegranate skin, mustard, roses (desi gulab), indigo, anjbar, manjeet, raivaancheeni, sandal, etc.
* Use of mordants: alum, copper sulphate, ferrous sulphate, potassium bi carbonate.
* Batik with Tjanting tool
* Silk Painting: Material and Techniques
 |
| **RECOMMENDED BOOKS*** Modern printing technology by Niir
* A guide to printing technology by Mr.Naoharu Dyabu
* Screen printing technology hand book by Eiri.
* A visual guide to traditional technique world textile by John Gillow
* The new textile trends + tradition by Chloe
 |

**Course Title**: Textile Design Studio Practice – III **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** V  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| The course will provide an opportunity to learn the basics of surface design. It is designed to develop keen observation and sharpen the ability to analyse and represent images, ideas and concepts through visual presentations.Course Outline:Introduction to all textile design rendering techniques: Basic repeats, colour options, design options and printing techniques will be explored.Storyboard formation from basic categories of textile print design. Categories of textile design: Geometric, floral, conversational and ethnic, color theory in relation with seasonal consideration timing, trends and charges. * Market survey to a local designer’s boutique/ outlet: Market Survey Report
* Apparel: Industrial Repeatable Design: key, mapping, graph drafting, repeated design poster colors.
* Design Repeats: Square/Half drop/ Mirror/ Turn over/ Side/ Directional/ multi-directional etc.
* Latch work/ Hooking: Sample book and Project
* Fabric Manipulation Techniques: Sample book and Project: tearing, stump work, scrunching, pleating, tucking, gathering, pulling, padding, quilting, trapping and re-piecing.
 |
| **RECOMMENDED BOOKS*** Briggs- Goode, Amanda. Printed Textile Design**.** London: Laurence King publishing, 2013.
* Ball, Katherine M. Animal Motifs in Asian Art: An Illustrated Guide to their Meanings and Aesthetics. New York: Dover Publications.
* Meller, Susan, Joost Elffers, David Frankel. Textile Designs: 200 Years of Patterns for Printed Fabrics arranged by Motifs, Colour, Period and Design. 183 Illustrations in color. London: Thames and Hudson, 1995.
 |

**Course Title**: Weaving Studio – II **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** V  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Students are taught the knowledge of fibers usage and application of natural and synthetic fibers.Students understand the influence of weaves on fabric formation. Students understand the effects of weaves and the area of use of different weaves.They develop understanding of weaving machines, their classification and comparison. Students learn different techniques of fabric manufacturing and identification of fabric details. They also understand the weaving mill setup.Visit to Cottage Industry of Looms is important to gain knowledge.Course Outline:* Introduction to textile fiber and fabric
* Classification of fiber
* Yarn numbering
* On-loom assignment: Creating rhythm in the stripes with the help of colored yarn and creation of different effects using black, hue, white, and neutral colored yarn in the filling

Step- 1 Wrapping: Creating different effects by using colored yarnsStep- 2 Making of warp on warp bed.Step -3 ReedingStep 4 Setting warp on the loom (Heddling)* Off loom weaving by using recycling cloth
* Tapestry Weave
* Foot looms and Ikat weave
* Construction of *Susi* design and other techniques (JAMDANI)
 |
| **RECOMMENDED BOOKS*** Tallarovic, Joanne (2004) - Rep weave and beyond. Loveland, Colo: Interweave Press.
* Groff, Russell E. 200 Patterns for multiple harness looms: 5 to 12 harness patterns for hand weavers [McMinnville]: Robin & Russ Handweavers, Point twill with color-and-weave / Margaret B. Windeknecht.
* Textiles by Sarah J Kadolph.
* Handbook of Weaving by Sabit Adanur.
 |

**Course Title**: Textile Raw Material **No. of Credit Hours:** 3(3+0)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** V  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Participants will learn about the definition of textile fiber, importance of textile Industry, classification of fibers and the need of Fibers* Introduction to Fibers: Participants will learn about the definition of textile fiber, importance of textile Industry, classification of fibers and the need of Fibers
* Types of fibers: Participants will learn about Fiber types and their origin.
* Seed fibers: Participants will learn about Cotton Seed, varieties of Cotton, Cultivation, harvesting and Picking of Cotton Ginning, Types of Ginning, Working of Saw Ginning Machine and about end uses of cotton
* Bast Fibers: Participants will learn about the production of Jute and flax fiber, processing and fiber properties of Jute and flax and end uses of bast fibers
* Leaf Fibers: Participants will learn about the introduction and Production of Sisal and Hemp, processing and fiber properties of Sisal and Hemp and end uses of leaf fibers
* Protein Fibers: Participant will learn about the different Protein fibers, classification for wool, understanding and growth of wool, grading of wool and properties and end uses of wool participants also learn about the classification of silk, growth, processing and end uses of silk
* Natural Mineral Fibers & Regenerated Fibers: Participants will Know about the Asbestos its processing and end uses. Students will learn about regenerated fibers, Viscose processing, production and its end uses
* Natural Mineral Fibers & Regenerated Fibers: Participants will Know about the Asbestos its processing and end uses Students will learn about regenerated fibers, Viscose processing, production and its end uses
* Fibers Identification Tests: Participants will learn about different identification tests for fiber identification students will learn about ash test and solubility test
 |
| **RECOMMENDED BOOKS*** Textiles fiber to fabric by Bernard P. Corbman
* J. Gordon. Cook “Textile Fibres” (1993)
* W. Kline “Introduction to textile Technology”
 |

**Course Title**: CAD – III **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** VI  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| This course will provide the students with the skills and knowledge related to the role of CAD within the program stream. • This will include Textile Design and Technology; Fashion and Apparel Design and Technology; and construction of Textile repeatable designs on computer using Adobe Photoshop, Illustrator etc. • Focus is placed on design and color techniques for textile design using digital medium. Using Adobe Photoshop, the students scan images and create original designs, repeats, colour ways and coordinates targeting specific markets. • The emphasis is on a creative use of the software, on imparting awareness about industry trends and on the development of an original portfolio of digitally produced designs.  Early section provides a strong foundation in the commands and capabilities of the program while the later sections offer application exercises that develop skills in fashion designing, and presentation techniques. • Available with step by step instructions & assignments which are evaluated by instructors, this course emphasizes the creative process and explores the capabilities of this powerful program as related to Textile & Patterns • Practical experience will depend on your selected stream and may encompass CAD systems for concept/mood boards development, woven and knitted fabric design and development, garment design and development, 3-D draping and design specification. |
| **RECOMMENDED BOOKS*** Book Title: Kevin, Tallon Digital Fashion Illustration with Photoshop and Illustrator, Author : Batsford
* Book Title: Adobe Photoshop ELEMENTS for Textile Design, Author : Frederick L Chipkin
 |

**Course Title**: Drawing – IV **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** VI  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Develop visual perception as it pertains to translating 3D form on a 2D surface. Accurately represent form and volume both simple and complex using observation in a spatial context. Develop proficiency and awareness in composition as it pertains to drawing. Develop proficiency in the use of line, value, shape and surface texture as it pertains to light logic. Students explore different drawing tools according to effect. To give solution to the shaping problems. This is primarily a hand on studio course providing the student with weekly drawing problems and practice. Class work will consist of critiques, warm up exercises, and longer sustained drawings from observation. Drawing from observation is manifested with the class working from still-life materials and set-ups. This structure is rigorous and encourages skill building through practice and repetition. Class-work will be supplemented with lectures and demonstrations. Learning of implementation of principles of exaggeration to a human figure and to produce skillful fashion illustrations.* Fabric/material rendering and development of fashion figures
* Placement of textile design into an apparel on a fashion figure
* Human proportions Study of proportions of human Skeleton
* Observation of large forms
* Full figure drawing in scratching technique
* Full figure drawing in geometrical plains and angles
* Silhouette drawing
* Full figure drawing in various mediums
* Quick sketching exercises
 |
| **RECOMMENDED BOOKS** |

**Course Title**: Textile Design Studio Practice – IV **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** VI  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Design development from storyboard for apparel market; home fashion market, collection coordinates and information to computers. Making of Textile Swatch Book or Pattern Book. Textile designers and Brands: report, survey, design. Students will learn to critique work through presentations, which sharpens their interpersonal skills. * Embroidery and Appliques other textile surfaces: Sample book and Project
* Off- Loom Weaving
* Felting and Embroidery: Sample book and Project
* Textile Lights Designs: Lamps
* Textile Furniture: sketching, on-scale drawing, rendering, proto-type and product development.
 |
| **RECOMMENDED BOOKS*** Jackson, Lesley. New Edition; 20th Century Pattern Design: Textile and Wallpaper Pioneers. New York: Princeton Architectural Press, 2011.
* D. Naik, Shailaja and Jacduie A. Wilson. Surface Designing of Textile Fabrics. New age International Publishers.
 |

**Course Title**: Textile Dyeing and Printing – II **No. of Credit Hours:** 3(1+2)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** VI  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Understand the Historical background of traditional printed textiles • Identify the influencing factors for old textiles • List the historical printed textile ,Identify the styles and methods of printed textiles • Identify the influencing factors for development and evolution of a specific textiles ,Understand forms and colour combinations • Develop an understanding for various categories of prints • Identify the types of prints, Understand the different styles and methods involved in printing Textiles. • Identify the correct method and style for printing Textiles. • Recognize the difference between different kinds of prints. • To get an overview of printing methods.* Silk Painting: Material and Techniques
* Screen printing (Control over manual handling of brush, squeegee, or roller)
* Block Printing
* Digital printing
 |
| **RECOMMENDED BOOKS**Book Title : Pocket dyeing , printing, finishing Expert, Author : Irfan Ahmed Shaikh |

**Course Title**: Textile Finishes **No. of Credit Hours:** 3(3+0)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** VI  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Introduction to Textile Wet processing: Participants will learn about the about chemical processes and mechanisms of these processes and wet about wet processing flowchart.Shearing & singeing processes: Participants will learn about Shearing Machine and its description, Singeing Machine and its description, Evaluation of singed fabric and Bio technology.* Introduction to Textile
* Desizing and scouring: Participants will learn about the Chemical composition of Size and Cotton, Desizing Techniques and Methods. Scouring chemicals and Auxiliaries, Saponification, Dispersion, Suspension and Emulsion, Evaluation of desizing & scouring
* Bleaching and Mercerization: Participants will learn about the Bleaching Chemicals and auxiliaries, Bleaching chemistry and its evaluation. Effect of Mercerization on cotton fiber, Evaluation of Bleaching & Mercerizing
* Introduction to dye stuff chemistry and types: Dyeing of cellulosics with direct, reactive, sulphur and vat dyes, Dyeing of polyester, nylon, acrylic, wool and silk, Important characteristics of dyed fabrics
* Introduction to specification, measurement and quality control of color: Participant will learn about the color viewing process of human eye and different color systems participants will also learn about Design Studio & Engraving.
* Introduction to printing: Participant will learn about the different method of printing through dyes and pigments and students will also learn about the techniques of printing.
* Introduction to common chemical and mechanical finishes: Participants will Know about the Learn about the basic difference between types of finishes and machines used for these types of finishes
* Bio-Polishing & Other Novel Finishes: Participants will learn about mechanism of bio-finishes, chemistry of enzyme finishes and different possibilities of deodorizing textiles.
 |
| **RECOMMENDED BOOKS*** Cellulosic Dyeing by John Shore, Society of Dyers and Colorists, 1995
* Dyeing of Textile Materials by Jose Cegarra, Textilia, 1992
* Textile Printing by W.C. Miles, Society of Dyers & Colorists, 2003
* Textile Finishing by Derek Heywood, Society of Dyers & Colorists, 2003
 |

**Course Title**: Quality Characterization of Textiles **No. of Credit Hours:** 3(3+0)

**Course Code:** \_\_\_\_\_ **Year:** III  **Semester:** VI  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| To study about basic testing of raw material, semi-product and final product of textile, especially fabric testing. Another aim is to learn methods to control quality of production of textile materials in various stages of manufacturing.Raw-material Structure* Learn about basic raw-material specification/parameters
* learn about analysis of these specifications
* Learn their impacts on next process

Yarn Structure* Learn about basic yarn specification/parameters
* Standard Test Methods for Sewing Threads
* Learn their impacts on next process

Fabric Structure* Learn about basic Fabric specification/parameters
* learn about analysis of these specifications
* Learn their impacts on next process

Garment Structure* Learn about basic garment specification/parameters
* Standard Specification for Zipper Dimensions
* Standard Practice for Selection of Zippers for Care-Labeled Apparel and Household Furnishings

Raw-material Faults* Learn about raw-material faults
* Learn about analysis of these faults
* Learn their impacts on final utilization/uses

Yarn Faults* Learn about yarn faults
* Learn about analysis of these faults
* Learn their impacts on final utilization/uses

Fabric Faults* Learn about fabric faults
* Learn about analysis of these faults
* Learn their impacts on final utilization/uses

Garment Faults* Learn about garment faults
* Learn about analysis of these faults
* Learn their impacts on final utilization/uses

Operational Faults* Learn about operational faults
* Learn about analysis of these faults
* Learn their impacts on next and final utilization/uses

Mechanical Faults* Learn about basic mechanical faults
* Learn about analysis of these faults
* Learn about their impacts on next and final utilization/uses

Customized Inspection* Learn about customer’s needs and requirements
* Learn about to match testing methods with customer’s needs

Module -12: American and Japanese System* Learn about difference between these two systems
* Learn about their impacts on end products

Packing Faults* Learn about basic packing defects
* Learn about analysis of these faults
* Learn about their impacts on products

Faults produced during product process iteration* Learn about faults produced during sewing process
* Explain prevention of sewing faults
 |
| **RECOMMENDED BOOKS*** Mechanics of Materials by Ferdinand Pierre Beer, E. Russell Johnston, Jr., David Mazurek, John T. DeWolf, McGraw-Hill Higher Education, 2009. ISBN: 9780071284226.
* Structure & Mechanics of Woven Fabrics by Jinlian Hu, Woodhead Publishing, 2004. 978-1-85573-904-8.
 |

**Course Title**: Research Methodology **No. of Credit Hours:** 3(3+0)

**Course Code:** \_\_\_\_\_ **Year:** IV  **Semester:** VII  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| This course delves into the preliminary ideation and analysis preceding the execution of a thesis, crafted in consultation with the thesis supervisor. Students engage in a systematic investigation to establish facts on their selected topics, learning diverse research collection methodologies, data compilation, and analysis for a comprehensive understanding. The objective is to guide students in undertaking individual research work and thoroughly examining a closely studied aspect of the subject.Course Outline:* Help students learn important research and writing skills.
* Teach students to think carefully, put together complicated information, write well, and manage their time.
* Write down research findings in a dissertation according to academic rules.
* Introduction to research methodology
* Research and Writing in APA / any Style (according to university rules)
* Types and sources of research
* Presentation/layout of the dissertation
* Ethics of research/plagiarism
* Process of research
* Types of citation, Reference list, Page format
* Format/structure of the writing
* Abstract
* Introduction
* Literature review
* Research Methodology
* Results and Findings
* Conclusions
* References/Bibliography
 |
| **RECOMMENDED BOOKS*** Relevant handouts provided by the teacher, constituting a reading pack.
* Methods and techniques by Dr. CR Kotheri.
* Research methodology by Rajendar Kumar.
 |

**Course Title**: Fashion/Textile Seminar **No. of Credit Hours:** 2(2+0)

**Course Code:** \_\_\_\_\_ **Year:** IV  **Semester:** VII  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| The aim of this module is to introduce students with diversity of textile production and consumption. It is also to assist them in their project development through introducing various resources (guest lectures).The course will introduce the student to the importance of research and the design process, along with the practical disciplines of textile processes.This presentations and project-based seminar is a pioneering multi-disciplinary course to foster a critical and analytical viewpoint of the nature and context of smart textiles design. Textiles concept will be contextualized by in-depth critical readings and discussions. Weekly meetings, guest lectures, and critical readings augment the independent study to enhance the student’s ability to analyze their work and its relevance to contemporary culture and art.Course Outline:* Introduction to Fashion and Textiles Processes
* Introduction to Personal Planning for Thesis Research
* Critical and Contextual Research
* Topic Selection, Research Boards, Mood Boards, Color Boards and Brain Storming.
* How to research Topic
* How to present topic
* Main objectives of a presentation
* Start of Design Development
* Photography for any project/topic
* Personal Developmental planning and original research leading to a meaningful outcome
* Oral presentations of research
* Presentation on Introduction to selected Topic
* Presentation on Significance and Importance of selected Topic
* Presentation on Research Methodology of selected Topic
* Presentation on design development of selected Topic
* Presentation on conclusion
* Final Presentation (Complete Topic Process and Development with conclusion and findings)
* Examines the issues and provides practical experience in the preparation and mounting of dress items, accessories, and flat textiles for exhibition.
* Skills include sketching, historical research, analysis of apparel structure, draping techniques, customizing of mannequins to accommodate historic style and size variations, and specialized supports.
 |
| **RECOMMENDED BOOKS** |

**Course Title**: Textile Surfaces Design – I **No. of Credit Hours:** 4(0+4)

**Course Code:** \_\_\_\_\_ **Year:** IV  **Semester:** VII  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Use symbolic imagery to convey ideas. Awareness of advanced studies offered in Textile art.Research sources for ideas in planning Textile Thesis. Explore ideas through sketching, brainstorming, and research. Produce works of art that demonstrate control of various art media in textiles. Develop skills/techniques necessary for effective visual communication.Project will be one of the following: apparel, furnishing, textile art, costume, non-apparel.Presentation: Communicate and CritiqueCourse Outline:Effectively discuss and evaluate artwork based on the 4-step critique process (description, analysis, interpretation, evaluation).Evaluate and recognize relationships between art and cultures. Develop communication skills about the art process Interpret and Utilize artistic styles in the inspiration/creation of original work.Manufacturing specification: * 1. Design inspiration: relevance to focus area, justification of creative and innovative design, relationship to historical, cultural or contemporary factors and communication techniques.
	2. Research Boards, Mood Boards, Developmental Work
	3. Visual design development: aesthetics and functionality (Sketches, Painted Designs, Fabric Samples)
	4. Written description (Thesis Process Report)
* Product drawings and pattern making: front and back views, pattern shapes.
* Technical production plans: fabric swatches, quantity of material, total cost and order of construction.
* Technical Drawings of Furniture/Panel (on-scale)
* Presentation and Display of Work
 |
| **RECOMMENDED BOOKS**No. of assignments required: 35 sketches, 25 painted designs and 20 fabric samples |

**Course Title**: Textile Marketing and Merchandising **No. of Credit Hours:** 3(3+0)

**Course Code:** \_\_\_\_\_ **Year:** IV  **Semester:** VII  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Students will be able to understand the Importance of marketing and merchandising policies with special reference to textile industry of Pakistan and role of advertisement in promotion of textile merchandising. They are able to understand the problems faced by the manufactures regarding consumers demand.Course Outline:Management: Scope of management; Management hierarchy; Management aids; Management Organization Merchandizing: Definition and importance of merchandizing; Concept of durability, style, attractiveness, comfort & general marketing. Problems faced by the manufacturers to meet specifications of consumers and vice versa. Research and Development: Scope of research and Development; Research requirements of a company; Research associations. Marketing: Definition and scope; The societal marketing concepts; Functions and policies related to textile industry of Pakistan Role of advertisements in promotion of textile merchandise. |
| **RECOMMENDED BOOKS**Book Title : Fashion Marketing & Merchandising, Author : Mary G. Wolfe |

**Course Title**: Photography Skills **No. of Credit Hours:** 2(0+2)

**Course Code:** \_\_\_\_\_ **Year:** IV  **Semester:** VII  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| Introduced students to camera operations, lighting, photography theory and Adobe Photoshop. Students take pictures in this course, using different camera functions, and digital using filters and learned to save and edit images on a computer. And taught them to work on the techniques of modern digital photography.Course Outline:* Street Photography
* Splash Photography
* Light and Shade Photography
* Cosmetics Photography
* Back Light Photography
* Two Shadows Photography
* Blur Image Photography
* Old Building Photography
* Balance Image Photography
* Landscape Photography
* Forest Landscape
* Village Culture Photography
* Nature Photography
* Face Art Photography
* Bridal Photography
* Fashion Photography
* Creative Photography
* Product Photography
 |
| * **RECOMMENDED BOOKS**
* Book Title : Lighting for Product PhotographyAuthor : Allison Earnest
* Book Title : Mastering Portrait PhotographyAuthor : Paul Wilkinson and Sarah Plater
* Book Title : The Art of Photography A Personal Approach to Artistic ExpressionAuthor : Bruce Barnbaum
 |

**Course Title**: Textile Surface Design - II **No. of Credit Hours:** 6(0+6)

**Course Code:** \_\_\_\_\_ **Year:** IV  **Semester:** VIII  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| This course explores the tactile and visual elements of materials creating surface pattern and texture on flat artwork, textural fabrications and 3D forms for application in interior design, fashion and as installations. The aim of the project is to testify students for independent design project planning, development, and execution. The project will be a reflection on the development and research compiled during above mentioned courses being offered in the term. Students will: Work on a design project in their selected areaGive Design solutions. Document their work. Exhibit. The major project must include/follow the following points: May include one or more related items with the selected focus area. Must be individually produced by the candidate. Must be certified on the appropriate form by the Board of Studies as candidate’s original work. Must be completed by the student and supervising teacher as the student’s own work. Must include supporting documentationCourse Outline:* Brain storming
* Topic selection
* Developmental work
* Research Board/ Mood Board/ color boards/ drawing boards
* Sketches (quantity: 65-70)
* Painted designs (quantity: 50)
* Fabric sampling (quantity: 40)
* Project: Textile based Product (functional/non-functional (decorative), interior/ furniture/ apparel/ upholstery/ textile art/ panel etc.)
* Thesis process Report/ survey
* Display/ Presentation

**Learning Outcomes*** Students explore the process of textile design and its relationship to the function of the finished product.
* Students examine the fashion forecasting process, with an emphasis on textile development and color trends in the global and domestic markets.
* A line of textile print concepts is developed based on research of markets, trends, and color.
* Students learn to market their skills and pursue careers in the textile industry.
* Through comprehensive portfolio analysis, student’s designs are critically evaluated and prepared for presentation to prospective employers and clients.
* Emphasis is placed on the compatibility of fabrics to meet performance criteria and market acceptance.
* Students identify fabrics, weights, construction, and finish.
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| **RECOMMENDED BOOKS** |

**Course Title**: Product Development **No. of Credit Hours:** 4(0+4)

**Course Code:** \_\_\_\_\_ **Year:** IV  **Semester:** VIII  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| The aim of this course is to develop product solutions through implementing design process in the area of specialization. Students will develop product ideas for their selected topic.Create artworks using Elements of Art (Line, Shape, Form, Value, Color, Texture, Space) and Principles of Design (Rhythm and Movement, Unity, Variety, Proportion, Pattern, Balance, Emphasis) to solve visual problems. Demonstrate use of various art theories and styles Use symbolic imagery to convey ideas. Create artworks incorporating the following compositional guidelines (simplicity, rule of thirds, leading lines, balance, and framing).Develop skills/techniques necessary for effective visual communication.Utilize the planning process to turn a two-dimensional design into a three-dimensional sculpture. Identify and create low, high or sunken relief in Textiles. Identify and create abstract and realistic Textile sculptures. Identify and create organic and geometric textile sculptures.Discover form and meaning in textiles. Traditional surface embellishment techniques fused with manipulations. Focuses on the consideration of the constructed, pieced, and sculpted surface.Students explore the interpretation and invention of cloth construction, layering, sculptural surfaces, pieced and collaged surfaces, and the multiple as possibilities. Collecting, salvaging, and mixing materials will be involved. Course Outline:* Textile materials
* Fabric based material
* Recycled material
* Eco friendly or organic material
* 3D and 4D models and key models
* Technical drawings
* Sculptures and furniture
* Installation techniques
* Market Research/ Survey
* Material constructions, flexible structures, lightweight structures, and the architectonic nature of cloth are explored in this course.

**Learning outcomes*** Understand how to shape Textiles into 3D or 4D Art forms.
* Be inventive in their use of materials
* Be able to apply their textile skills to larger piece of their own.
* Gain confidence in their creative abilities
* Explore ideas through sketching, brainstorming, and research.
* Create original works of art that demonstrate personal visual expression and communication.

Invent answers to visual problems |
| **RECOMMENDED BOOKS** |

**Course Title**: Foreign Language **No. of Credit Hours:** 2(2+0)

**Course Code:** \_\_\_\_\_ **Year:** IV  **Semester:** VIII  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

**Requirement:**

Students can choose any foreign language course form the options available at that time in LCWU.

**Course Title**: Capstone project **No. of Credit Hours:** 3(0+3)

**Course Code:** \_\_\_\_\_ **Year:** IV  **Semester:** VIII  **Implementation Date:**

**BOS Approval Date:**  04-12-2023 **BOF Approval Date**:

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| **Detail of New Course Contents** |
| To guide the students to undertake a piece of individual research work and thoroughly examine an aspect of the subject that they should study closely. To enable the students to develop a set of valuable research and writing skills. To train the students to think analytically, synthesize complicated information, write well, and organize time. To document research in the form of a dissertation by following academic conventions.Title page, Abstract, Statement of authorship, Acknowledgements, Contents page, Introduction, Literature review, Research methodology and methods, Discussion/analysis, Conclusion, Bibliography.Thesis is to be written as per university rules for BS Thesis sample/ requirements given in annual examination booklets.Course Outline:* Clarify and analyze the task/textile project.
* Draw up a rough plan and organize your ideas
* Research
* Make notes
* Edit, revise and check
* Proof read
* Complete Bibliography/reference list
* Devote time to planning the structure of the dissertation.
* Plan a structure that will enable you to present your argument effectively.
* Fill in the detail, concentrating on getting everything recorded rather than sticking to the word limit at this stage.
* Regard writing as part of the research process, not an after-thought.
* Expect to edit and re-edit your material several times as it moves towards its final form.
* Leave time to check and proofread thoroughly.
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| **RECOMMENDED BOOKS*** <http://owl.english.purdue.edu/>
* The Chicago Manual of Style (16th edition) Chapter 16 and 17
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