KANNUR UNIVERSITY

(Abstract)

FYUG Costume and Fashion Designing Programme in affiliated Colleges under Kannur University- Third semester Scheme & Syllabus w e f 2024 admission and first and second semester modified scheme and syllabus w e f 2025 admission -approved and implemented -orders issued.

ACADEMIC C SECTION

ACAD C/ACAD C1/22255/2024 Dated: 26.08.2025

Read:-1. U O Note No. ACAD C/ACAD C 1/22255/2024 dated 19.12.2024.

2. E mail dated 26.05.2025 from Sri. Manuprasad Mathew, Chairperson, BoS, Fashion Technology.

3. Minutes of the meeting of All Deans of Faculties held on 04.06.2025

4. Orders of Vice Chancellor in file No.in file No. Acad C/Acad C3/2948/2025 Dated 04.06.2025.

5. Minutes of the meeting of Standing Committee of Academic Council held on 08.08.2025

6. Orders of Vice Chancellor dated 26.08.2025

ORDER

1. As per the paper read as (1) above, first and second semester scheme and syllabus of FYUG Costume and Fashion Designing Programme in affiliated colleges was implemented w e f 2024 admission.

2. The Chairperson, Board of Studies in Fashion Technology, vide the paper read as 2 above, forwarded the first to third semester syllabus of FYUG Costume and Fashion Designing Programme, in which one new MDC courses and three new DSC courses each have been included in the first and second semesters.

3. The syllabus of FYUG Costume and Fashion Designing Programme up to third semester has been forwarded to Dean, Faculty of Technology for approval.

4. The Dean, Faculty of Technology, vide the paper read as 4 above, recommended to approve the third semester syllabus of FYUG Costume and Fashion Designing Programme w e f 2024 admission.

5. The Vice Chancellor after considering the recommendations of the Dean, Faculty of Technology and and in exercise of the powers of the Academic Council conferred under Section 11(1) Chapter III of Kannur University Act, 1996 and all other enabling provisions read together with, approved the third semester Syllabus of the FYUG Costume and Fashion Designing Programme w e f 2024 admission.

6. Due to the lack of formal approval, the modified first and second semester syllabus of FYUG Costume and Fashion Designing Programme has been placed before the Standing Committee of Academic Council for consideration again.

7. The Standing Committee of Academic Council, vide the paper read as 5 above, recommended to approve the modified first and second semester syllabus of FYUG Costume and Fashion Designing Programme w e f 2025 admission.

8. The Vice Chancellor after considering the recommendations of the Dean, Faculty of Technology and and in exercise of the powers of the Academic Council conferred under Section 11(1) Chapter III of Kannur University Act, 1996 and all other enabling provisions read together with, approved

the modified first and second semester syllabus of FYUG Costume and Fashion Designing Programme w e f 2025 admission.

9.The syllabus of newly added DSC courses and MDC courses in first and second semester and the third semester syllabus of FYUG Interior Designing and Furnishing programme in affiliated colleges under Kannur University are appended herewith.

Orders are issued accordingly.

Sd/-

Jisha K P

Assistant Registrar II

For REGISTRAR

To:
1. The Controller of Examination (Through PA to CE)
2. Sri. Manu Prasad Mathew, Chairperson, BoS, Fashion Technology (Cd)
3. The Principals of all affiliated colleges.

Copy To: Copy To: 1. The Examination Branch (through PA to CE)
2. JR (Exam)
3. The Chairperson, BoS in Fashion Technology
4. PS to VC/PA to R
5. DR/AR (Academic)
6. IT Cell (For uploading in the website)
7. SF/DF/FC

Forwarded / By Order

SECTION OFFICER

KANNUR UNIVERSITY
CIVIL STATION PO
KANNUR
Pin-670
THAVAKKARI

KANNUR UNIVERSITY

BSc COSTUME AND FASHION DESIGNING

FYUG PROGRAMME CONTENT

PROGRAMME OUTCOME(PO)

At the end of the graduate programme at Kannur University, a student would:

PO 1	**Creative Thinking and Problem-Solving:** Apply critical thinking skills to analyse information and develop effective problem-solving strategies for tackling complex issues.
PO 2	**Effective Communication and Social Interaction:** Proficiently express ideas and engage in collaborative practices, fostering effective interpersonal connections.
PO 3	**Holistic Understanding:** Demonstrate multi-disciplinary approach by integrating knowledge across various domains for comprehensive understanding of complex issues
PO 4	**Citizenship & Leadership:** Exhibit a sense of responsibility, actively contribute to the community, and showcase leadership qualities to shape a just and inclusive society.
PO5	**Global Perspective:** Develop a broad awareness of global issues and an understanding of diverse perspectives, preparing for active participation in a globalized world
PO 6	**Ethics, Integrity and Environmental Sustainability:** Uphold high ethical standards in academic and professional endeavours, demonstrating integrity and ethical decision-making. Also acquire an understanding of environmental issues and sustainable practices, promoting responsibility towards ecological well-being.
PO 7	**Lifelong Learning and Adaptability:** Cultivate a commitment to continuous self-directed learning, adapting to evolving challenges and acquiring knowledge throughout life.

PROGRAMME SPECIFIC OUTCOMES (PSO)

Upon successful completion of the **Four-Year Undergraduate Programme** in **Costume & Fashion Designing**, students will be able to:

PSO1	Apply foundational and advanced knowledge of fashion and costume design to create original, aesthetically appealing, and functional garments and accessories with a focus on creativity, form, and functionality.
PSO2	Demonstrate in-depth knowledge of textile science, fabric construction, dyeing, printing, and surface ornamentation techniques relevant to both traditional and contemporary fashion practices.
PSO3	Utilize tools such as Computer-Aided Design (CAD), digital fashion illustration software, and other fashion technologies to develop digital portfolios and prototypes that meet industry standards.
PSO4	Interpret and integrate elements of Indian and global costume history, regional dress practices (including Kerala's traditional attire), and socio-cultural influences into fashion and costume design projects.
PSO5	Conduct research and documentation in costume and fashion, encouraging innovation in materials, design, and sustainable practices aligned with environmental and ethical considerations.
PSO6	Develop entrepreneurial competencies and an understanding of fashion business operations including merchandising, marketing, fashion communication, and production management to support career advancement or self-employment.
PSO7	Effectively communicate design concepts and research outcomes through professional-quality portfolios, technical drawings, written reports, and visual presentations.
PSO8	Demonstrate awareness of fashion's impact on society, environment, and culture, and commit to lifelong learning, social ethics, and responsible fashion practices within local and global contexts.

INDEX

FOUNDATION LEVEL COURSE FOR C&FD							
SL NO	**NATURE OF COURSE**	**SEMESTER**	**COURSE CODE**	**COURSE NAME**	**HOURS PER WEEK**		**CREDIT**
					TEORY	**PRACTICAL**	
1	MDC	1	KU1MDCCFD101	FUNDAMENTALS OF FASHION DESIGNING	3	0	3
2		2	KU2MDCCFD108	MODEL MAKING	0	6	3
3		2	KU2MDCCFD109	EVOLUTION OF DESIGN	3	0	3
4	VAC	3	KU3VACCFD101	ZERO WASTE DESIGN TECHNIQUES	4	0	3
5		4	KU4VACCFD102	CREATIVE WRITING & REFLECTIVE PRACTICE	1	4	3
6		4	KU4VACCFD103	PERSONAL GROOMING & STYLING	3	0	3
7	SEC	4	KU4SECCFD101	CAD I	0	6	3
8		5	KU5SECCFD102	CAD II	0	6	3
9		6	KU6SECCFD103	PHOTOGRAPHY AND STYLING	1	4	3
DISCIPLINE SPECIFIC COURSE							
10	DSC	1	KU1DSCCFD105	FUNDAMENTALS OF TEXTILE	4	0	4
11			KU1DSCCFD106	DESIGN CONCEPTS I	4	0	4
12			KU1DSCCFD107	DRAWING AND VISUAL THINKING	2	4	4
13		2	KU2DSCCFD110	TEXTILE PROCESSING & FINISHING	4	0	4
14			KU2DSCCFD111	DESIGN CONCEPTS II	4	0	4
15			KU2DSCCFD112	FASHION STUDIES I	4	0	4
16		3	KU3DSCCFD201	BASIC PATTERN MAKING	0	8	4
17			KU3DSCCFD202	BASIC SEWING TECHNIQUES	0	8	4
18			KU3DSCCFD203	VISUAL GRAPHICS	0	8	4
19			KU3DSCCFD204	HOME TEXTILE	4	0	4

20			KU3DSCCFD205	SUSTAINABLE FASHION	4	0	4
21			KU3DSCCFD206	FASHION STUDIES II	4	0	4
22		4	KU4DSCCFD210	INTEGRATED PATTERN DEVELOPMENT AND GRADING	0	8	4
23			KU4DSCCFD211	GARMENT CONSTRUCTION TECHNIQUES	0	8	4
24			KU4DSCCFD212	INDIAN TRADITIONAL TEXTILES AND COSTUME	4	0	4
25			KU4DSCCFD213	INTRODUCTION TO APPAREL INDUSTRY	4	0	4
SUMMER INTERNSHIP (2 MONTHS)					2		
26	DSC	5	KU5DSCCFD301	DRAPING	0	8	4
27			KU5DSCCFD302	CULTURAL AND ETHNIC WEAR CONSTRUCTION	0	8	4
28			KU5DSCCFD303	HISTORICAL COSTUMES & CULTURES	4	0	4
29		6	KU6DSCCFD310	TEXTILE PROCESSING & FINISHING	0	8	4
30			KU6DSCCFD311	PORTFOLIO PRESENTATION	0	8	4
31			KU6DSCCFD312	ACCESSORY MAKING	0	8	4
ELECTIVE PAPERS							
1	DSE	5	**ELECTIVE I**				
2			KU5DSCCFD304	APPAREL PRODUCTION	4	0	4
3			KU5DSCCFD305	FASHION LAW & INTELECTUAL PROPERTY RIGHTS	4	0	4
4			KU5DSCCFD306	FASHION JOURNALISM	4	0	4
			ELECTIVE II				
5			KU5DSCCFD307	PRINCIPLES OF MERCHANDISING AND MARKETING	4	0	4
6			KU5DSCCFD308	BASIC KNOWLEDGE OF ENTERPREUNERSHIP	4	0	4
7			KU5DSCCFD309	CULTURAL STUDIES IN FASHION	4	0	4
		6	**ELECTIVE III**				

8			KU6DSCCFD313	APPAREL PRODUCTION PROCESSES & QUALITY STANDARDS	4	0	4
9			KU6DSCCFD314	E-COMMERCE & FASHION TECHNOLOGY	4	0	4
10			KU6DSCCFD315	WEARABLE TECHNOLOGIES & FUNCTIONALITY	4	0	4
11			**ELECTIVE IV**				
12			KU6DSCCFD316	VISUAL MERCHANDISING AND CONSUMER BEHAVIOUR	4	0	4
13			KU6DSCCFD317	FASHION & ARCHITECTURE	4	0	4
14			KU6DSCCFD318	GENDER & FASHION STUDIES	4	0	4

BSc.COSTUME& FASHION DESIGNING

SEMESTER 1

KU1MDCCFD101 - FUNDAMENTALS OF FASHION DESIGNING

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
1	MDC	100	KU1MDCCFD101	3	45

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
3	0	0	25	50	75	1.5

COURSE DESCRIPTION: An introductory course exploring fundamental design principles, colour, space and form with a focus on basic Fashion design concepts suitable for beginners across creative disciplines

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Identify and apply basic elements and principles of design in creative compositions	U/A
2	Understand the psychological and visual impact of color, form and space	U
3	Demonstrate awareness of design thinking and its role in solving functional design problems	U/A
4	Apply foundational composition techniques using spatial organization and balance in 2D and 3D spaces	U
5	Distinguish basic fashion concepts and terminology, including styles, silhouettes, and clothing categories, and explain the influence of culture and identity on fashion.	R
6	create a mood board using themes from trend forecasting and fashion cycles	C

**Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create ©*

Mapping Of Course Outcomes to PSOs								
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
CO 1		✓						
CO 2		✓						
CO 3		✓						
CO 4	✓				✓			
CO 5	✓		✓					
CO 6	✓			✓				✓

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	**Introduction to Design Basics**		**9**
	1	What is Design? Definition, Purpose and Application	1
	2	Differences between Art, Design and Decoration	1
	3	Elements of Design: Line, Shape, Form, Color, Texture, Space	2
	4	Principles of Design: Balance, Contrast, Rhythm, Emphasis, Unity, Proportion	3
	5	Activities – 1) Identify design elements in daily life 2) Create a mood board using basic design elements	2

2	**Color, Form and Visual Perception**		**11**
	1	Introduction to Color Theory: Primary, Secondary, Tertiary Colors	2
	2	Color Wheel, Color Schemes (Monochromatic, Analogous, Complementary)	2
	3	Warm vs Cool Colors and their psychological effects	1
	4	Introduction to Visual Perception and Optical Illusions	2
	5	Basics of Form: Geometric vs Organic Forms	2
	6	Activities – 1) Color mixing 2) Abstract composition using forms & colors	2

3	**Understanding Space, Composition and Function**		**11**
	1	Understanding 2D and 3D space	1
	2	Basics of Layout and Composition	2
	3	Positive and Negative Space	1
	4	Gestalt Principles – Proximity, Similarity, Continuity, Closure, Figure-Ground, Symmetry, Common Fate, Simplicity	3
	5	Introduction to Design Thinking and Problem Solving	2
	6	Activities - 1) Sketch simple composition using balance & space 2) Implement Gestalt principle to make a composition	2

4	**Introduction to Fashion Design Concepts**		**14**
	1	What is Fashion Design? Meaning of fashion	1
	2	Types of clothes: ethnic, western, casual, formal, fusion	2
	3	Difference between fashion, style, fad, and classic	2
	4	Simple fashion terms: silhouette, couture, ready-to-wear, etc.	3

	5	Clothes for different people (men, women, kids),clothes for different events(Party ,work, Wedding)	2
	6	Fashion and culture (why people dress differently)	2
	7	Activities – Students create a mood board using themes from trend forecasting and fashion cycles.	2

Teachers Specific/Practical Experience		
5	Fashion Mood Board (Students create a mood board using themes from trend forecasting and fashion cycles. Use cutouts or digital tools like Canva)	0

ESSENTIAL READINGS:

1. Design Basics by David A Lauer and Stephen Pentak
2. The Elements of Color by Johannes Itten
3. Interaction of Color by Joseph Albers
4. Thinking with Type by Ellen Lupton
5. Frings, G. S. (2014). *Fashion: From Concept to Consumer*. Pearson Education.
6. Rouse, E. (1989). *Understanding Fashion*. BSP Publications.

ASSESSMENT RUBRICS:

Evaluation Type	**Marks**
End Semester Evaluation	**50**
Continuous Evaluation	**25**
Total	**75**

KU1DSCCFD105 - FUNDAMENTALS OF TEXTILE

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
1	DSC	100-199	KU1DSCCFD105	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
4	0	0	30	70	100	2

COURSE DESCRIPTION: This course introduces students to the fundamental elements of textiles. It covers the origin, classification, properties, and manufacturing processes of textile fibres, along with the stages of yarn production, spinning techniques, and yarn numbering systems. The course further explores texturization and fabric construction methods, including a comparative analysis of woven and knitted fabrics. Through theoretical study and visual demonstrations, students gain essential knowledge for applying textiles effectively in design and fashion development.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Understand and classify different types of textile fibers based on thei origin and properties.	U
2	Describe the manufacturing processes and physical/chemical characteristics of natural and man-made fibers.	A
3	Explain yarn manufacturing processes, types of spinning, and the structure of different yarns.	A
4	Interpret yarn numbering systems and explain texturisation processe performance.	A
5	Identify and differentiate various fabric construction techniques and analyze the structural and functional differences between woven and knitted fabrics.	E

**Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)*

Mapping of Course Outcomes to PSOs							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓	✓					
CO 2	✓	✓			✓		
CO 3	✓	✓					✓
CO 4	✓	✓					✓
CO 5	✓	✓		✓	✓		✓

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	**Introduction to Textile Fibers & Their Classification**		**12**
	1	Definition and importance of textile fibers in fashion	4
	2	Classification of textile fibers Natural fibers: plant-based (cotton, flax), animal-based (wool, silk) Man-made fibers: regenerated (viscose, modal) synthetic (polyester, nylon, acrylic)	4
	3	Primary characteristics of textile fibers	2
	4	Requirements for a fiber to be suitable for textiles	2

2	**Manufacturing Process & Properties of Fibers**		**12**
	1	Natural fiber production: harvesting and preparation	4
	2	Man-made fiber manufacturing Regenerated fibers: viscose, modal Synthetic fibers: melt, dry, and wet spinning processes	4
	3	Comparative study of physical and chemical properties: strength, elongation, absorbency, thermal and chemical resistance	4

3	**Yarn Manufacturing, Spinning & Yarn Types**		**12**
	1	Stages of yarn manufacturing: ginning, carding, combing, drawing, roving, spinning	4
	2	Spinning processes: Hand spinning and industrial spinning Ring spinning, rotor (open-end) spinning, air-jet, friction spinning	3
	3	Types of yarns: spun vs. filament, single, ply, cabled, fancy yarns	3
	4	Introduction to blended yarns	2

4	**Yarn Numbering System & Texturisation**		**12**
	1	Yarn measurement systems: Direct systems: denier, tex Indirect systems: cotton count, worsted count, linen count	6
	2	Texturisation of filament yarns: Introduction to texturisation: methods (false twist, air jet, stuffer box), purpose and application Advantages and end-use applications in fashion	6

5	**Fabric Construction Techniques & Woven vs. Knitted Fabrics**		**12**
	1	Fabric formation methods: Weaving: parts of loom, basic weaves (plain, twill, satin) Knitting: weft and warp knitting, knit stitches, basic structures Non-wovens: bonding methods – mechanical, chemical, thermal	4
	2	Felting and braiding (introduction)	3
	3	Comparative study of woven vs. knitted fabrics: Structure, stretch, drape, durability, usage	3
	4	Analyse, collect swatches and prepare the record including all details regarding fibre to fabric.	2

ESSENTIAL READINGS:

- Corbman, Bernard P. – Textiles: Fiber to Fabric (McGraw-Hill Education)
- Gohl, E.P.G. & Vilensky, L.D. – Textile Science (Longman Scientific & Technical)
- Kadolph, Sara J. – Textiles (Pearson Education)

SUGGESTED READINGS:

- Tortora, Phyllis G., & Collier, Billie J. – Understanding Textiles
- Hollen, Norma, & Saddler, Jane – Textiles
- Wingate, Isabel B. – Textile Fabrics and Their Selection

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**70**
Continuous Evaluation	**30**
Total	**100**

KU1DSCCFD106 - DESIGN CONCEPTS - I

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
1	DSC	100	KU1DSCCFD106	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CCA	ESE	Total	
4	-	-	30	70	100	2

COURSE DESCRIPTION: To establish a foundation in the essential theories of design and architecture, focusing on fundamental elements, principles, and types of design thinking. Students will begin to develop their analytical and conceptual thinking through the lens of form, function, and perception.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Explain and describe the fundamental elements of design and their impact on architectural form and space	U
2	Analyse geometric forms, their properties, transformations, and their influence on spatial articulation	AN
3	Illustrate the organization of space and spatial relationships, including built form and open space interactions	A
4	Identify and apply fundamental principles of architectural composition such as balance, rhythm, hierarchy, and unity	U/A
5	Examine circulation patterns in architecture and their relationship to form, including types of circulation and orientation	U/A
6	Integrate knowledge of design elements, principles, circulation, and space organization in architectural analysis	An
7	Critically assess architectural case studies using representational, analytic, and interpretative tools	E/An

****Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)***

Mapping Of Course Outcomes to PSOs							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓	✓					
CO 2		✓					
CO 3		✓					
CO 4		✓					
CO 5		✓	✓				
CO 6		✓	✓				
CO 7	✓	✓		✓			

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	**FUNDAMENTALS OF DESIGN**		**24**
	1	Elements of Design – Understanding the basic elements of design- – Line, Shape, Form, Space, Texture, Colour, Light	8
	2	Forms – Properties of Forms – Understanding perceptual effects of geometric forms, cube, sphere, pyramid, cylinder and cone and its sections as well as their derivatives with respect to the evolution of architectural form and space – Transformation of forms – Articulation of Forms	10
	3	Space – Understanding Perceptual effects of specific configuration of architectural spaces – Elements defining spaces – Spatial relationships – Spatial Organization – Centralized, Linear, Radial, Clustered, Grid – Built Form and Open Space relationships	6

2	**PRINCIPLE OF DESIGN**		**14**
	1	Understanding the fundamental principles of Architectural compositions: axis, symmetry/asymmetry, balance, hierarchy, rhythm, datum, transformation, unity, harmony, dominance, climax.	

3	**CIRCULATION**		**10**
	1	Movement with reference to the architectural form and space – detailed study of relationship between architectural form and circulation	5
	2	Types of circulation – Building approach and entrance - Configuration of path- Path space relationship, orientation.	5

4	**DESIGN AND ANALYSIS**		**12**
	1	Introduction to modes of understanding architecture in totality in terms of the various aspects studied in previous modules	6
	2	Understanding how case studies have used representational, analytic and interpretational tools.	6

ESSENTIAL READINGS:

1. "Design Basics" by David A. Lauer & Stephen Pentak
2. "The Design of Everyday Things" by Don Norman
3. "Interior Design Illustrated" by Francis D.K. Ching
4. "The Elements of Graphic Design" by Alex W. White
5. "Design Thinking: Integrating Innovation, Customer Experience, and Brand Value" by Thomas Lockwood
6. "The Shape of Design" by Frank Chimero
7. "Architecture: Form, Space, and Order" by Francis D.K. Ching
8. "The Poetics of Space" by Gaston Bachelard
9. "Space Planning Basics" by Mark Karlen & Rob Fleming
10. "Human Dimension & Interior Space" by Julius Panero & Martin Zelnik

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**70**
Continuous Evaluation	**30**
Total	**100**

KU1DSCCFD107 - DRAWING AND VISUAL THINKING

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
1	DSC	100	KU1DSCCFD107	4	90

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)	
Lecture	Practical/ Internship	Tutorial	CCA	ESE	Total	T	P
2	4	0	35	65	100	1.5	3

COURSE DESCRIPTION: Explores core drawing techniques and perceptual skills essential for spatial understanding, visual analysis, and creative representation through observational drawing, composition, and design fundamentals.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Demonstrate an understanding of visual perception and its impact on drawing and design processes	U
2	Accurately represent objects and spaces using basic observational drawing techniques	A
3	Apply principles of composition, proportion, and perspective in 2D visual representation	A
4	Develop hand-eye coordination and fine motor skills essential for freehand sketching	An
5	Interpret and visually communicate textures, tones, and light-shadow through shading	An/C
6	Analyze and recreate visual environments with attention to spatial depth and scale	An/C
7	Create a portfolio of drawings showcasing technical proficiency and creative visual thinking	C

****Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)***

Mapping of Course Outcomes to PSOs							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1		✓					
CO 2					✓		
CO 3		✓			✓		
CO 4		✓					
CO 5		✓					
CO 6		✓			✓		
CO 7							✓

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1		**INTRODUCTION TO DRAWING & VISUAL PERCEPTION**	**15**
	1	Importance of drawing in design disciplines	1
	2	Basic concepts of visual perception: figure-ground, visual balance, Gestalt principles	2
	3	Visual cognition and observation	2
	4	Activities – 1) Line exercises: types of lines, line weights, hatching 2) Drawing from simple geometric forms	10
2		**OBSERVATIONAL DRAWING AND PROPORTION**	
	1	Observational techniques: sighting, measuring, negative space	2

	2	Proportion, scale, and relationships in drawing	2
	3	Activities – 1) Still life sketching using observation 2) Proportional studies of everyday objects	12

3	**PRESPECTIVE DRAWING**		**18**
	1	Principles of perspective: 1-point, 2-point, and 3-point	2
	2	Horizon line, vanishing point, and foreshortening	2
	3	Activities – 1) Drawing indoor and outdoor spaces using perspective grids 2) Practice of perspective in furniture	14

4	**LIGHT, SHADOW AND TEXTURE**		**15**
	1	Light direction, value scales, cast and form shadows	2
	2	Representation of texture and materiality	2
	3	Activities – 1) Shading techniques: cross-hatching, stippling, blending 2) Drawing textured surfaces (fabric, metal, wood, etc.)	11

5	**COMPOSITION AND VISUAL STORYTELLING**		**14**
	1	Visual balance, focal points, and layout principles	2
	2	Narrative and mood through drawing	2
	3	Activities – 1) Composition studies using thumbnails and value sketches 2) Conceptual sketches with storytelling elements	10

6	**PORTFOLIO DEVELOPMENT & REVIEW**		**12**
	1	Reflection and critique methods	1
	2	Introduction to curating a visual portfolio	1
	3	Activities – 1) Compilation and refinement of drawing exercises 2) Final review and assessment through critique sessions	10

ESSENTIAL READINGS:

- “Drawing on the Right Side of the Brain” by Betty Edwards
- “Design Basics” by David A. Lauer and Stephen Pentak
- “Visual Thinking” by Rudolf Arnheim
- “The Natural Way to Draw” by Kimon Nicolaïdes
- “Keys to Drawing” by Bert Dodson
- “Drawing for the Absolute and Utter Beginner” by Claire Watson Garcia
- “Perspective Made Easy” by Ernest R. Norling
- “How to Draw” by Scott Robertson
- “Drawing Perspective: How to See It and How to Apply It” by Matthew Brehm
- “Rendering in Pen and Ink” by Arthur L. Guptill
- “Light for Visual Artists” by Richard Yot
- “Sketching from the Imagination: Illustrators” by 3dtotal Publishing
- “Picture This: How Pictures Work” by Molly Bang
- “Composing Pictures” by Donald W. Graham
- “Sketching: Drawing Techniques for Product Designers” by Koos Eissen & Roselien Steur
- “The Sketchbook Handbook” by Ellen Lupton
- “Show Your Work!” by Austin Kleon
- “Becoming a Successful Illustrator” by Derek Brazell & Jo Davies

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**65**
Continuous Evaluation	**35**
Total	**100**

NOTE: RECORDS/SUBMISSIONS SIGNED BY FACULTY IN CHARGE IS MANDATORY FOR ATTENDING EXAMINATION.

BSc. COSTUME & FASHION DESIGNING

SEMESTER 2

KU2MDCCFD108: MODEL MAKING

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
2	MDC	100-199	KU2MDCCFD108	3	45

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
0	6	0	30	45	75	3

COURSE DESCRIPTION: Understanding and creation of physical models' representative of their design.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Equip students with the basic skills necessary to represent their ideas three dimensionally using simple materials.	U/An
2	Enable students to get acquainted with various tools essential for creating design models.	U/An
3	Help students to comprehend the exercises of the Basic Design and Architectural Graphics Studio in a better manner, as the subject is to be taught in coordination with them.	A/An/C

****Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)***

Mapping of Course Outcomes to PSOs

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✔			✔			
CO 2		✔			✔		
CO 3			✔				✔
CO 4			✔			✔	
CO 5	✔			✔			

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	**BASIC MODEL MAKING TECHNIQUES**		**15**
	1	Introduction to Art objects, definition and interpretation. Introduction to History of Art, Artistic Tradition and Theories.	
	2	Creating basic solid shapes such as square, rectangle, circle & triangle with various paper mediums.	

2	**GEOMETRIC & FREE-FLOWING**		15
	1	Creating platonic solids with suitable paper medium.	

	2	Making of models using free flowing materials such as clay, Plaster of Paris etc.	

3	**BLOCKS & SITE MODELS**		12
	1	Creating block models of buildings and detailed site models using suitable materials for roads & landscape elements.	

4	**DETAILED DESIGN MODELS**		18
	1	Creating a detailed building model: Exterior/ interior using different materials and paper to represent the actual material in a suitable scale.	

ESSENTIAL READINGS:

- Criss. B. M., “Designing with models: A Studio guide to Architectural Process Models”, John Wiley & Sons, Hoboken, 2011.
- Werner, M., “Model Making”, Princeton Architectural Press, New York, 2011.
- Congdon, Roark T., "Architectural Model Building: Tools, Techniques & Materials", Bloomsbury Academic, 2010.
- Knoll, W. and Hechinger, M., “Architectural Models: Construction Techniques", Cengage Publications, 2014.
- Dunn, N., “Architectural Modelmaking”, Laurence King Publishing, 2013.
- Schilling, A., “Basics Model-building”, Birkhauser, Berlin, 2007.
- Mi-Young, Pyo, “Construction and Design Manual: Architectural Model”, Dom Publishers, Germany, 2012.

ASSESSMENT RUBRICS:

EVALUATION TYPE	MARKS
End Semester Evaluation	**45**
Continuous Evaluation	**30**
Total	**75**

KU2MDCCFD109: EVOLUTION OF DESIGN

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
2	MDC	100	KU2MDCCFD109	3	45

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours
Lecture	Practical/ Internship	Tutorial	CCA	ESE	Total	
3	0	0	25	50	75	1.5

Course Description: This course examines the evolution of design from prehistory to the digital age. It covers significant movements, ideologies, and technological influences that have shaped design practices across architecture, interiors, fashion, industrial design, and visual communication. The course encourages critical thinking about how cultural, economic, and technological contexts influence design outcomes.

Course Prerequisite: Any student with a +2 or equivalent degree

Course Outcomes:

CO No.	Expected Outcome	Learning Domains
1	Provide a historical overview of design evolution across multiple domains.	U/R
2	Analyse how design reflects and responds to societal changes.	An
3	Identify key design movements, philosophies, and figures.	An/E
4	Foster interdisciplinary connections in understanding design developments	E/C

****Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)***

Mapping of Course Outcomes to PSOs							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓						
CO 2	✓	✓	✓				
CO 3	✓						
CO 4	✓	✓	✓				

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	**ORIGINS OF DESIGN (PREHISTORIC TO CLASSICAL PERIOD)**		6
	1	Prehistoric shelters, tools, and art	
	2	Design in early civilizations: Egypt, Mesopotamia, Indus Valley	
	3	Greek and Roman contributions to architecture, furniture, and ornamentation	
	4	The birth of aesthetics and proportion theories	
2	**MEDIEVAL TO RENAISSANCE DESIGN THINKING**		7
	1	Gothic architecture and symbolic ornamentation	
	2	Islamic, Indian, and Oriental design traditions	
	3	The Renaissance: Humanism, geometry, perspective in art and design	
	4	Leonardo da Vinci and interdisciplinary design thinking	

3	**BAROQUE TO INDUSTRIAL REVOLUTION**		**8**
	1	Baroque, Rococo, and Neoclassicism in interiors and furniture	
	2	The Enlightenment and functional thinking	
	3	The Industrial Revolution: mass production, mechanization, and design reform	
	4	William Morris and the Arts & Crafts Movement	

4	**MODERNISM AND BAUHAUS IDEALS**		**8**
	1	Modernism: simplicity, functionality, minimalism	
	2	Bauhaus: unity of art, craft, and technology	
	3	Key designers: Le Corbusier, Mies van der Rohe, Eileen Gray	
	4	Impact on interior and product design	

5	**POSTMODERNISM AND GLOBAL MOVEMENTS**		**6**
	1	Reaction to modernism: decoration, symbolism, pluralism	
	2	Memphis, Deconstructivism, High-Tech design	
	3	Cultural and regional design identities in a globalized world	

6	**CONTEMPORARY TRENDS AND DIGITAL DESIGN EVOLUTION**		**6**
	1	Parametric and algorithmic design	
	2	Biophilic and sustainable design	
	3	Cross-disciplinary influences: fashion, film, tech	

Essential Readings:

1. Sir Banister Fletcher's – "A History of Architecture", Architectural Press, 1996
2. Louis Grodecki– "Gothic Architecture", Rizzoli,1991
3. History of World Architecture (Series), Vols. Titled "Ancient Architecture,

4. Primitive Architecture, Greek Architecture, Roman Architecture and Byzantine Architecture", 1980.
5. Kenneth Frampton: Modem Architecture -A Critical History
6. "Builders of Ancient World", A National Geographic Society Publication, 1986.
7. Raeburn Michael, "Architecture of the Western World", Popular Press, England, 1988.
8. John Julius Norwich: Great Architecture of the World.
9. Stephen Gardiner: Introduction to Architecture
10. Monographs of Modem Architects
11. Henri Sterlin: Encyclopaedias of World Architecture
12. Design: A Very Short Introduction – John Heskett
13. History of Modern Design – David Raizman
14. Design Through the Ages – Anna Rowntree
15. Bauhaus: 1919–1933 – Magdalena Droste

Assessment Rubrics:

Evaluation Type	Marks
End Semester Evaluation	**50**
Continuous Evaluation	**25**
Total	**75**

KU2DSCCFD110 - TEXTILE PROCESSING AND FINISHING

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
2	DSC	100	KU2DSCCFD110	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
4	0	0	30	70	100	2

COURSE DESCRIPTION:

Wet Processing II builds upon foundational knowledge of textile treatment by introducing advanced techniques in dyeing, printing, and finishing processes. The course delves into both traditional and modern methods of fabric processing, emphasizing fibre compatibility, chemical applications, and environmental impacts. It encourages learners to investigate sustainable practices, understand chemical mechanisms, and gain hands-on familiarity with wet processing technologies used in the fashion industry. By the end of the course, students are expected to connect theory with practical laboratory experience to achieve fabric transformation aligned with commercial and ecological standards.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO No.	Expected Outcome	Learning Domains
1	Explain the advanced concepts of fabric dyeing and classify different dyeing methods suitable for various fibres	U/An
2	Demonstrate knowledge of chemical and natural dyes, their applications, and performance characteristics.	U/A
3	Distinguish between different printing techniques and assess their advantages, limitations, and suitability.	A/E
4	Analyse the functions and environmental concerns of various finishing processes including softening, stiffening, and waterproofing.	A/E/R
5	Apply safe and sustainable wet processing techniques in practical settings using industry-relevant standards.	A/C

****Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)***

Mapping Of Course Outcomes To PSOs							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1		✓					✓

CO 2	✓	✓			✓		
CO 3	✓	✓					
CO 4		✓			✓		
CO 5	✓	✓			✓		

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	**INTRODUCTION TO WEAVING AND LOOMS**		**10**
	1	History and significance of weaving	2
	2	**Classification of looms:**	1
		Hand looms, Power looms, Shuttle and Shuttle less looms	1
		Parts and functions of a loom	1
	3	Basic weaving motions: Shedding, Picking, Beating-up, Take-up and Let-off	2
	4	Principles of weaving	2
	5	**Activity:** Diagrammatic study of different looms	1
		Visit to a weaving unit (if possible)	

2	**Preparatory Processes and Basic Weaves**		**10**
		Preparatory processes for weaving:	2
		Winding, Warping, Sizing, Drawing-in and Denting	1
		Classification of weaves:	2
		Basic weaves: Plain, Twill, Satin	1
		Characteristics and uses of each	1
		Fabric structure and construction	1
		Activity: Weave pattern drawing and analysis	1
		Sample identification (swatches)	1

3	**Fancy Weaves and Non-Wovens**		**10**
		Fancy weaves:	2
		Dobby, Jacquard, Leno, Pile, Double cloth, Crepe, Huckaback	1
		Differences between basic and fancy weaves	1
		Non-wovens:	1
		Definition and characteristics	2
		Types of non-wovens: Dry-laid, Wet-laid, Spunbonded, Needle-punched, Melt blow	1
		Applications of non-woven fabrics	1
		Activity: Identification of fancy weave fabrics	1

4	**Textile Wet Processing – Preparatory Processes**		**10**
		Overview of wet processing in textiles	2

		Textile wet processing for cotton, polyester and cotton blend	2
		Objectives of preparatory processes	2
		Desizing, Scouring, Bleaching, Mercerization	2
		Activity: Flowchart creation of wet processing	2

5	**Dyeing and Printing**		**10**
		Dyeing and Printing	2
		Classification of dyes: Direct, Reactive, Vat, Acid, Disperse, Basic dyes	2
		Dyeing methods: Batch, Continuous, Semi-continuous	1
		Introduction to printing	2
		Difference between dyeing and printing	1
		Printing methods: Block, Roller, Screen (Flat & Rotary), Heat transfer, Digital printing	2

6	**Finishing process in textiles**		**10**
		Objectives of finishing	1
		Classification	2
		Mechanical finishes: Calendering, Raising, Shearing, Shrinking	1
		Chemical finishes: Softening, Stiffening, Water repellent, Flame retardant	2
		Functional finishes: Anti-microbial, UV protection, Wrinkle-free, Soil release	2
		Application of finishes in garment production and fashion	2

ESSENTIAL READINGS:

- V.A. Shenai – Technology of Dyein
- Karmakar, S.R. – Chemical Technology in the Pre-Treatment Processes of Textiles
- Dr. K. R. Salhotra – Textile Finishing
- Miles, L.W.C. – Textile Printing

SUGGESTED READINGS:

- Trotman, E.R. – Dyeing and Chemical Technology of Textile Fibres
- Broadbent, A.D. – Basic Principles of Textile Coloration
- Articles from journals such as:
- Indian Journal of Fibre and Textile Research (IJFTR)
- Textile Outlook International
- Reports from Down to Earth, Greenpeace, and Textile Exchange on sustainable wet processing

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**70**
Continuous Evaluation	**30**
Total	**100**

KU2DSCCFD111 - DESIGN CONCEPTS II

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
2	DSC	100	KU2DSCCFD111	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CCA	ESE	Total	
4	0	0	30	70	100	2

COURSE DESCRIPTION: Explore the evolution of design theory, societal roles, creativity, and contemporary movements shaping architecture through critical analysis, historical context, design processes, and iconic architects.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Explain the evolution of design theories from historical architectural movements to contemporary perspectives	U
2	Analyse various design types (Pragmatic, Iconic, Analogical, Canonic) and evaluate their relevance and application in interior design	An
3	Assess the relationship between socio-cultural contexts and design ideologies to understand design decisions and outcomes	E
4	Describe the role of designers in society and outline the behavioural and performance aspects influencing design decisions	U

5	Apply creative thinking techniques and tools, including digital applications, to generate innovative design concepts	A
6	Critically appraise the contributions of key architects and movements (Modernism, Postmodernism, Organic Architecture) to the development of design philosophies and interior form	E

**Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)*

Mapping Of Course Outcomes to PSOs							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓						
CO 2	✓	✓					
CO 3	✓	✓					
CO 4		✓					✓
CO 5		✓		✓			
CO 6	✓	✓					

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	**UNIT**	**DESCRIPTION**	**HOURS**
1	**EVOLUTION OF DESIGN THEORY**		**22**
	1	Overview of major historical periods and movements: Classical, Gothic, Renaissance, Modernism, Postmodernism	10
	2	Critical theories in architecture and design	4

	3	Relationship between socio-cultural context and design ideology	4
	4	Types of Design: Pragmatic design, Iconic Design, Analogical Design, Canonic Design Advantages and Disadvantages and outstanding examples	4

2	**SOCIETY AND DESIGN**		**13**
	1	Role of designer in the society. Design for performance, Behavioural Aspects of Design.	5
	2	Design generation process: Role of logic and intuition in concept generation.	3
	3	Step by step development of design from problem definition, site analysis to post occupancy evaluation as the last stage of design.	5

3	**CREATIVITY & DESIGN**		**9**
	1	Concepts of creativity. Techniques of creative thinking	4
	2	Different tools of Creativity, Issues of creative design, Difference between Innovation and Creativity. Impact of computer applications on creativity and design.	5

4	**CONTEMPORARY MOVEMENTS IN ARCHITECTURE**		**16**
	1	Role of individual architects in the generation of architectural form, through study of exemplary works, architectural inspirations, philosophies, ideologies and theories of architects.	4
	2	Modern Movement Theory including Organic Architecture – Le Corbusier and Frank Llyod Wright	6
	3	Postmodern Theory –Robert Venturi, Phillip Johnson	6

ESSENTIAL READINGS:

1. Garry Stevens – The reasoning Architect

2. K.W. Smithies, Principles of Design in Architecture, Van Nostrand Reinhold Company, 1981
Sam
F. Miller, Design Process - A Primer for Architectural & Interior Design,
Van Nostrand Reinhold Company, 1995
3. Ernest Burden, Elements of Architectural Design – A Visual Resource, Van Nostrand Reinhold Company,1994
4. V.S. Pramar, Design Fundamentals in Architecture, Somaiya Publications, New Delhi,1973
5. Y. Ashihara – Exterior design in Architecture
6. Diane Ghirardo – Architecture after Modernism
7. Peter von Meiss, “Elements of Architecture - From Form to Place”, Span Press, 1992
8. Bryan Lawson, “How Designers Think”, Architectural Press Ltd" London, 1980
9. Hanno Rauterberg, “Talking Architecture, Interview with Architects”, Prestel 2008
10. The A-Z of Modern Architecture-Taschen 2007
11. Antony Catanese and James C. Snyder, Introduction to Architecture, McGraw-Hill, 1979

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**70**
Continuous Evaluation	**30**
Total	**100**

KU2DSCCFD112 - FASHION STUDIES I

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
2	DSC	100	KU2DSCCFD112	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
4	0	0	30	70	100	2

COURSE DESCRIPTION: Fashion Study I serves as the foundational gateway into the world of fashion and costume design. The course introduces students to basic fashion terminologies, the origin and evolution of clothing, and key developments in costume history. It emphasizes the relationship between fashion and culture, addressing how identity, gender, region, and time periods influence clothing. Students will explore the transformation of clothing from functionality to artistic and cultural expression, preparing them for more advanced studies in design, illustration, and fashion theory.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS

1	Describe the fundamental terminologies, origin, and classification of clothing and fashion.	R
2	Analyze various theories related to the origin of clothing in historical and cultural contexts.	A
3	Identify and distinguish between major historical costumes of the world and their significance.	A
4	Examine the socio-cultural impact of regional and global costume practices.	E
5	• Recognize the influence of religion, tradition, and gender on the evolution of costumes.	U

**Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)*

Mapping of Course Outcomes to PSOs

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓						✓
CO 2				✓	✓		
CO 3	✓			✓			
CO 4				✓	✓		
CO 5				✓	✓		

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1		**INTRODUCTION TO FASHION, STYLE, DESIGN, AND TRENDS**	**15**
	1	What is Fashion? Difference between fashion, style, and design	5
	2	Fashion cycle and its stages, Fashion adoption theories (trickle-up, trickle-down, trickle-across	4
	3	Role of fashion in society and culture	3
	4	Fashion vs. Interior trends: Comparative exploration, Influence of fashion trends on interior aesthetics	3

2		**FASHION TERMINOLOGY AND THEORIES**	15
	1	Key fashion terms: Silhouette, line, drape, texture, trims, haute couture, prêt-à-porter, etc.	5
	2	Understanding silhouettes and basic garment structure	3
	3	Introduction to fashion theories:	5
		Psychoanalytical theory	
		Sociological theory	
		Economic theory	
	4	Historical and technological perspectives	2

3	**INTRODUCTION TO TEXTILE FIBERS & THEIR CLASSIFICATION**	**15**

	1	Definition of textile fiber	5
		Natural fibers: Cellulose-based (cotton, linen), Protein-based (wool, silk)	
		Man-made fibers: Regenerated (rayon, modal), Synthetic (polyester, nylon, acrylic)	
	2	Physical and chemical properties of fibers	4
	3	Fiber to fabric: Basics of yarn formation and weaving/knitting	4
	4	Fiber selection for fashion vs. interiors	2

4	**FROM FIBER TO FABRIC – YARN AND FABRIC FORMATION METHODS**		**15**
	1	Yarn formation: Spinning methods, types of yarns	4
	2	Fabric formation methods:	5
		Weaving (basic weaves: plain, twill, satin)	
		Knitting (weft vs. warp)	
		Non-woven methods: Felting, bonding	
	3	Finishing processes and fabric performance	4
	4	Activities:	2
		Functional and decorative uses of textiles in fashion and interiors	
		Case studies on fiber-based fashion and interior applications	

ESSENTIAL READINGS:

- Gini Stephens Frings – *Fashion: From Concept to Consumer*
- Elaine Stone – *The Dynamics of Fashion*
- Jennifer Craik – *Fashion: The Key Concepts*
- Sue Jenkyn Jones – *Fashion Design* (Portfolio series)
-

SUGGESTED READINGS:

- Elizabeth Wilson – Adorned in Dreams: Fashion and Modernity
- Toby Slade – Japanese Fashion: A Cultural History
- Valerie Steele – The Corset: A Cultural History
-

SELECTED ARTICLES FROM:

- Fashion Theory: The Journal of Dress, Body & Culture
- Down to Earth (for sustainability perspectives in fashion)
- Vogue Business and Business of Fashion (BoF)

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**70**
Continuous Evaluation	**30**
Total	**100**

BSc. COSTUME & FASHION DESIGNING

SEMESTER 3

KU3DSCCFD201 – BASIC PATTERN MAKING

Semester	Course type	Course level	Course Code	credit	Total hours
3	DSC	100	KU3DSCCFD201	4	120

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)	
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	T	P
0	8	0	40	60	100	0	3

COURSE DESCRIPTION: This course introduces the foundational concepts of pattern making, essential tools, and terminology. Students will learn to draft basic blocks using standard measurements and explore dart manipulation techniques to develop patterns for simple garments.

PREREQUISITE: Any student with a +2 or equivalent degree

COURSE OUTCOME

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Identify pattern tools, terms, and process basics.	U
2	Draft accurate bodice patterns using measurements.	A
3	Manipulate darts and develop design variations (e.g. collars).	A/An
4	Construct functional sleeves and skirts with precision.	A/C
5	Execute a finished sample using integrated pattern making skills.	C/E

***Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)**

Mapping of Course Outcomes to PSOs								
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8
CO1	✓	✓						
CO2	✓	✓					✓	
CO3	✓	✓		✓			✓	
CO4	✓	✓	✓		✓		✓	✓
CO5	✓	✓	✓		✓	✓	✓	✓

COURSE CONTENT

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	INTRODUCTION TO PATTERN MAKING		15
	1	Introduction to pattern making, principles, tools, equipment, terminologies (seam allowance, grainline, darts, notches)	
	2	body measurement techniques	
	3	Drafting a basic bodice block (front and back) using standard body measurements for women.	
2	DART MANIPULATION		20
	1	Understanding types of darts (single, double-ended).	
	2	Techniques of dart manipulation: slash and spread method, pivot method.	
	3	Style variation- princess line/ armhole princess line	
	4	Collar – Basic shirt collar, Flat collars: Peter pan, Mandarin collar/ Chinese, Roll collar: Turtle neck	

3	SLEEVE VARIATION		20
	1	Drafting a basic Sleeve block using standard body measurements.	
		Variations of the basic sleeve- cap sleeve, puff sleeves circular sleeve, petal sleeve, leg-o-mutton sleeve, bishop sleeve	
	2	Sleeve bodies combination- Kimono sleeve, raglan sleeve.	

4	BASIC SKIRT & SKIRT VARIATIONS		15
	1	Drafting a basic Skirt block (front and back) using standard body measurements.	
	2	Drafting a basic Trouser block (front and back) using standard body measurements.	
	3	A- line skirt, gathered skirt, gored skirt- 4 gore, Pegged skirt, Skirt with yoke, Full circle skirt, Warp skirt, Culotte	

5	TEACHER SPECIFIC / PRACTICAL EXPERIENCE		20
	1	Prepare Pattern for a Complete Attire	

ESSENTIAL READINGS

- Patternmaking for Fashion Design - Helen Joseph-Armstrong
- Metric Pattern Cutting - Winifred Aldrich

REFERENCES

- Basic Pattern Skills for Fashion Design by Bernard Zamkoff
- The Practical Guide to Patternmaking for Fashion Designers by Lori A. Knowles
- Technical sheets and online fashion pattern drafting tutorials (e.g., Fashionary, Threads Magazine)

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	60
Continuous Evaluation	40
Total	**100**

NOTE: RECORDS/SUBMISSIONS SIGNED BY FACULTY IN CHARGE IS MANDATORY FOR ATTENDING EXAMINATION.

KU3DSCCFD202 - BASIC SEWING TECHNIQUES

Semester	Course Type	Course Level	Course Code	credit	Total hours
3	DSC	200	KU3DSCCFD202	4	120

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)	
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	T	P
0	8	-	40	60	100	0	3

COURSE DESCRIPTION: This course introduces students to the fundamentals of garment construction, focusing on basic sewing techniques and equipment handling. Through hands-on learning, students will explore seams, finishes, darts, plackets, and fullness elements such as gathers and pleats. Emphasis is placed on precision, craftsmanship, and assembling simple garments that reflect foundational technical skills.

PREREQUISITE: None

COURSE OUTCOME

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
CO1	Operate sewing machine and tool with foundational understanding	U
CO2	Stitch a variety of seams and seam finishes	A
CO3	Develop garment elements like darts, plackets and pockets	A
CO4	Handle and manipulate fullness techniques with accuracy.	An
CO5	Construct a basic garment through the integration of technique learned .	C

***Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)**

Mapping Of Course Outcome								
	PSO1	PSO2	PSO3	PSO4	PS05	PSO6	PSO7	PSO8
CO1	✓	✓						
CO2	✓	✓						
CO3	✓	✓		✓				
CO4	✓	✓		✓				✓
CO5	✓	✓	✓	✓	✓	✓	✓	✓

COURSE CONTENT

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	INTRODUCTION TO SEWING TECHNIQUES		15
	1	Sewing tools and machine parts	
	2	Machine operation, maintenance, threading & safety	
	3	Types of fabric and handling techniques	
2	Basic Seams & Finishes		15
	1	SEAMS: Plain seam, tailor's seam, French seam, mock French seam, Welt seam, Lapped seam, Flat and felt Seam, Slot Seam, piped seam, bound seam, Hong Kong bound seam	
	2	SEAM FINISHES-Pinked finish, edge stitched finish, Double stitch finish, Herringbone Finish.	
3	FULLNESS		20
	1	DARTS: standard & two point	
	2	Tuck: pin tuck, cross, group, scalloped	
	3	Pleats: knife, box, pinch	
	4	Gathers: gathering by hand, gathering by machine, gathering by elastic.	
	5	Ruffles: double, circular. Godets, shirring	

4	PLACKETS & POCKETS		15
	1	Plackets: continuous bound placket, bound and faced (2-piece) placket, Zipper plackets- standard, invisible, Kurtha placket.	

5	FINAL ASSIGNMENT	Construct a full-size garment	10

ESSENTIAL READINGS

- *Reader's Digest Complete Guide to Sewing - Reader's Digest Editors*
- *Basic Sewing for Beginners - Wendy Gardiner*

SUGGESTED REFERENCES

- Introduction to Clothing Manufacture – Gerry Cooklin
- Complete Guide to Sewing – Singer Reference Library
- Make Your Own Clothes – Marie Clayton
- The Sewing Book – Alison Smith

ASSESSMENT RUBRICS

Evaluation Type	Marks
End Semester Evaluation	60
Continuous Evaluation	40
Total	**100**

NOTE: RECORDS/SUBMISSIONS SIGNED BY FACULTY IN CHARGE IS MANDATORY FOR ATTENDING EXAMINATION

KU3DSCCFD203 - VISUAL GRAPHICS

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
3	DSC	200	KU3DSCCFD203	4	120

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
0	8	0	40	60	100	3

COURSE DESCRIPTION: Course set to increase the skills and abilities of a student with respect to graphics and presentation.

PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Demonstrate proficiency in line techniques, including line weights, types, and technical precision for interior drafting	U / A
2	Create manually drafted scaled drawings such as interior plans, elevations, and sections with accuracy	A
3	Construct one-point, two-point, and three-point perspective views to represent spatial depth and form	U / A
4	Develop freehand sketches of building interiors and exteriors with speed and clarity for conceptual exploration	A / C
5	Produce axonometric and isometric drawings of basic shapes and interior spaces to convey volumetric understanding	U / A
6	Render materials and textures such as wood, fabric, stone, glass, and metal using hand techniques	A / C
7	Illustrate light and shadow effects in interior sketches to enhance realism and spatial perception	A / C
8	Draft detailed furniture and fixture elements manually with clarity and scale accuracy	A

9	Draw reflected ceiling plans to represent lighting layouts and ceiling design features	A
10	Create exploded view diagrams of architectural elements to communicate construction and spatial relationships	An / C
11	Use expressive sketching techniques to capture interior ambiance, mood, and atmospheric effects	C
12	Document existing interior spaces through measured drawings and create accurate as-built drawings by hand	A / E
13	Design and hand-render a presentation board that visually communicates the design intent of an interior space	C / E

Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)*

MAPPING OF COURSE OUTCOMES TO PSOS							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1		✔		✔	✔		
CO 2		✔			✔		
CO 3		✔			✔		
CO 4	✔	✔					
CO 5		✔		✔	✔		
CO 6		✔	✔				
CO 7		✔					
CO 8		✔	✔		✔		
CO 9			✔		✔		
CO 10	✔	✔	✔		✔		
CO 11	✔	✔					
CO 12			✔		✔		
CO 13	✔	✔		✔			✔

COURSE CONTENT

Contents for Classroom Transaction:

MODUL	UNIT	DESCRIPTION	HOURS
1	**BASIC INTERIOR DRAFTING AND SKETCHING**		**38**
	1	Line Techniques – Line weights, Line types and technical precision	6
	2	Scaled Drawings – Manual drafting of interior plans, elevations and sections	14
	3	Perspective Drawings – One-point, Two-Point and Three-Point Perspectives	10
	4	Quick Freehand Sketching of building interiors and exteriors	8
2	**INTERIOR SPACE REPRESENTATION TECHNIQUES**		**44**
	1	Axonometric and Isometric Drawing – Basic shapes and Interiors	8
	2	Material and Texture Rendering – Hand techniques for wood, fabric, stone, glass and metal	10
	3	Light & Shadow Studies in interior sketches	6
	4	Furniture & Fixture Detailing – Manual drafting interior elements	10
	5	Reflected Ceiling Plans representing lighting layouts and ceiling treatments	10
3	**CONCEPTUAL AND EXPRESSIVE SKETCHING**		**14**
	1	Exploded View Diagrams of building elements for clarity	6
	2	Atmospheric Sketching – Capturing ambiance, mood and lighting effects	8
4	**TECHNICAL & PRESENTATION DRAWINGS**		**24**
	1	Measured Interior Drawings – Site Documentation and hand-drawn as-built plans	12

	2	Hand rendered presentation board of an interior space	12

ESSENTIAL READINGS:

1. Architectural Drafting and Design – Alan Jefferis, David A Madsen
2. Drawing for Interior Design – Drew Plunkett
3. Perspective for Interior Designers – John Pile
4. Design Drawing – Francis D K Ching
5. Interior Design Visual Presentation – Maureen Mitton
6. Architectural Graphics – Francis D K Ching
7. Rendering in Pen and Ink – Arthur L Guptill
8. Light got Visual Arts – Richard Yot
9. Interior Design Illustrated – Francis D K Ching
10. Manual of Interior Design – Matin M Pegler
11. Sketching for Architecture and Interior Design – Stephanie Travis
12. Interior Design Sketching – Jorge Paricio
13. Color Drawing – Michael E Doyle
14. Drawing and Designing with Confidence – Mike Lin
15. Measured Drawing for Architects – David Jenkins
16. Presentation Techniques – Dick Powell
17. Drawing: A Creative Process – Francis D K Ching

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**60**
Continuous Evaluation	**40**
Total	**100**

KU3DSCCFD204 - HOME TEXTILE

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
3	DSC	200	KU3DSCCFD204	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
4	0	0	30	70	100	2

COURSE DESCRIPTION: Explore **home textiles**, including fabric selection, upholstery, draperies, bed linens, floor coverings, and textile care through practical applications.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Explain the classification, characteristics, and selection criteria of various home textiles including fibres, designs, and applications in interior furnishings	U / R
2	Identify and describe kitchen textiles, draperies, and window treatments with appropriate fabric choices, measurement techniques, and decorative finishes	U / A
3	Differentiate between types of bed linens, mattress accessories, towels, and velour fabrics based on construction, properties, and care labels	U / An
4	Classify various types of floor coverings and explain their materials, construction techniques, and suitability for different interior spaces	U / A / R
5	Apply suitable methods for the cleaning, care, and maintenance of different home textiles and perform basic textile tests like color fastness, shrinkage, and flammability	A / C / E
6	Interpret labelling standards, stain removal methods, and washing techniques for preserving the aesthetic and functional quality of home textiles	U / An / A

****Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)***

Mapping of Course Outcomes to PSOs							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✔	✔	✔				
CO 2	✔	✔	✔		✔		
CO 3	✔	✔	✔				
CO 4	✔	✔	✔				
CO 5		✔	✔			✔	
CO 6	✔	✔	✔			✔	

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	**Fundamentals of Home Textiles**		**12**
	1	Home Textiles-Definition	2
	2	Different types of home textiles, selection of fibres, colours, design, factors affecting selection of home textiles, woven & non-woven	2
	3	Upholstery: Materials-Fixed upholstery, non-stretch loose covers, stretch covers- cushion covers	2
	4	Table textiles – Definition, Different types, table mats, table cloth and hand towels, selection of material, use and care labelling	2
	5	Living room furnishing – Sofa covers, wall hangers, cushion, cushion covers, upholsteries, bolster and bolster covers.	4

2	**Kitchen Textiles & Draperies**		**12**
	1	Kitchen textiles: Definition, Types- apron-dish cloth, bread bag, pot holders, hand towels, fridge cover, fridge handle cover, mixer cover, grinder covers their use and care labelling	4

	2	Wall coverings- use and care labelling	2
	3	Draperies and curtains- choices of fabrics, calculating the amount of material needed, hints on making curtains.	3
	4	Methods of furnishing draperies at the top with tucks or pleats; Use of drapery rods, hooks, tapes, rings and pins	3

3	**Bed Linens and Towels**		**10**
	1	Bed Linen -Definitions, different types of bed linens, sheets, blankets, blanket covers, comforters, comforter covers and bedspreads	2
	2	Mattress – Mattress covers, pads, pillows; Made-ups in hospitals	2
	3	Towels; Types, bath robes, bead towels, napkins; Construction of towels- weave, pile height -pattern – dyeing and finishing, Absorption tests	2
	4	Velour – Types of velvet and construction	2
	5	Textile care and labelling	2

4	**Floor Coverings**		**12**
	1	Floor coverings	2
	2	Hard floor coverings - resilient floor coverings, resilient floor coverings	3
	3	Soft floor coverings, Rugs, cushions pads and care labelling	3
	4	Carpet Manufacture methods & Types; Tufted, Hand tufted, Needle felt, Woven & Knotted. Wilton & administer – Knitted, Stitch bonding and Flocking	2
	5	Carpet fibres and yarns; Wool, wool blend, nylon, polypropylene, polyester and acrylic	2

5	**Care and Testing of Home Textiles**		**12**
	1	Care of Home Textiles	2

	2	Vacuum cleaning of Rugs and carpets, washing of curtains, draperies, bed linens and kitchen linen, Drying and pressing;	3
	3	Washing Methods; Kneading and squeezing, Suction washing, Use of washing Machine; stain removal	3
	4	Identification of stain, general procedure for stain removal, Bleaches for stain removal, optical brighteners and blues	2
	5	Testing of home textiles – color fastness, shrinkage, abrasion and flammability tests	2

ESSENTIAL READINGS:

1. Simplicity s (1993). Simply the best home decoration book. A fine side book 85 published by Simon and Schulster (New York), London. The simplicity Pattern Company.
2. Soft furnishing by Saarah Campbell and History More, Mac Donald Books OED Publishers Limited, London
3. Wingate I.B, & Mohler J.E. Textile Fabrics & Their Selection, Prentice Inc., New York
4. Alexander N.G. Designing interior Environment Mass Court Brace Jovanovich New York, 1972

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**70**
Continuous Evaluation	**30**
Total	**100**

KU3DSCCFD205 - SUSTAINABLE FASHION

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
3	DSC	200	KU3DSCCFD205	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
4	0	0	30	70	100	2

COURSE DESCRIPTION: This course introduces students to basic concepts of fashion and sustainability. It explains the impact of the fashion industry on the environment and people, and explores ways to create and support ethical and eco-friendly fashion. Students will also engage in hands-on learning and simple design activities.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Understand basic fashion concepts and what sustainability means in fashion	U
2	Recognize environmental and social problems caused by the fashion industry.	R
3	Identify sustainable materials and eco-friendly technologies.	A
4	Use simple sustainable ideas in fashion design and production	C
5	Gain hands-on experience through projects and practical guidance	AN

**Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)*

Mapping of Course Outcomes to PSOs							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓	✓					
CO 2	✓	✓	✓				
CO 3	✓		✓	✓			
CO 4	✓	✓		✓	✓		
CO 5		✓	✓	✓	✓		
		✓	✓	✓	✓		

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	**Basics of Fashion and Sustainability**		**15**
	1	What is fashion?	3
	2	How fashion is made and sold	3
	3	What is sustainability?	2

	4	Why sustainability is important in fashion	3
	5	Introduction to the problems caused by the fashion industry	3

2	**Fashion and the Environment**		**15**
	1	Use of water, energy, and chemicals in making clothes	4
	2	Pollution and waste from the fashion industry	4
	3	What happens to clothes after use (landfills, recycling)	4
	4	How to reduce waste in fashion	3

3	**Sustainable Materials and Methods**		**15**
	1	Types of eco-friendly fabrics (organic cotton, bamboo, recycled fibers)	4
	2	Natural dyes and chemical-free processing	4
	3	New materials (plant-based leather, fabric from fruit waste)	4
	4	Certifications (GOTS, OEKO-TEX)	3

4	**Ethics and Business in Fashion**		**15**
	1	What is ethical fashion?	4
	2	Working conditions in garment factories	4
	3	Fast fashion vs. slow fashion	4
	4	Sustainable businesses (second-hand, rental, up-cycling)	3

Teachers Specific/Practical Experience		
5	Visits (virtual or real) to local sustainable fashion businesses or NGOs Peer discussion on sustainable fashion habits and practices	0

ESSENTIAL READINGS:

1. Fletcher, K. (2014). *Sustainable Fashion and Textiles: Design Journeys*. Routledge.
2. Gwilt, A. (2014). *A Practical Guide to Sustainable Fashion*. Fairchild Books.
3. Black, S. (2012). *The Sustainable Fashion Handbook*. Thames & Hudson.
4. Hethorn, J., & Ulasewicz, C. (Eds.). (2008). *Sustainable Fashion: Why Now?* Fairchild Books.

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**70**
Continuous Evaluation	**30**
Total	**100**

KU3DSCCFD206 - FASHION STUDIES II

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
3	DSC	200	KU3DSCCFD206	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
4	0	0	30	70	100	2

COURSE DESCRIPTION: Fashion Study II delves deeper into the evolution of world costumes and fashion history, offering a comparative perspective on ancient, medieval, and modern clothing styles. The course introduces learners to the visual language of fashion through the study of draping styles, silhouettes, garment construction features, and socio-political influences on attire. It emphasizes the dynamic relationship between culture and costume, including regional diversity, religious symbolism, gendered fashion, and the role of identity in dress.Students will develop the ability to critically interpret visual and material culture and contextualize fashion practices across historical timelines, enhancing their creative design thinking and conceptual grounding.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO No.	Expected Outcome	Learning Domains
1	Identify and describe major global costume traditions from ancient to modern periods.	R/U
2	Analyze historical influences on the evolution of garment silhouettes and construction.	A/A
3	Compare and contrast costume features across regions and eras in terms of culture, climate, and technology.	A/E
4	Explain the impact of religion, caste, gender, and class on traditional and modern dressing styles.	U/E
5	Integrate knowledge of fashion history into contemporary design references and sustainable fashion narratives.	A/C

**Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)*

Mapping of Course Outcomes to PSOs							
	PSO 1	**PSO 2**	**PSO 3**	**PSO 4**	**PSO 5**	**PSO 6**	**PSO 7**
CO 1	✓			✓			
CO 2	✓			✓	✓		
CO 3	✓			✓	✓		
CO 4				✓	✓		
CO 5	✓			✓	✓	✓	✓

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	TYPES OF LOOMS AND BASIC WEAVING TECHNICS		**14**
	1	Introduction to handlooms and power looms	3
	2	Types of looms: pit loom, frame loom, shuttle loom, rapier, air-jet, water-jet looms	4
	3	Basic types of weaving:	1
		Plain weave	1
		Twill weave	1
		Satin weave	1
	4	Weaving defects and fabric behaviour	3

2	**NON-WOVEN FABRICS AND ALTERNATIVE CONSTRUCTIONS**		10
	1	Definition and characteristics of non-woven textiles	3
	2	Methods of making non-wovens: chemical bonding, thermal bonding, mechanical bonding	2
	3	Introduction to felting and bonding techniques	3
	4	Applications in interiors and fashion	2

3	**HISTORY OF INDIAN TEXTILES AND COSTUMES**		**12**
	1	Ancient Indian textiles: Indus Valley, Vedic period	3
	2	Traditional Indian weaving clusters: Banaras, Kanchipuram, Chanderi, etc.	2
	3	Iconic textiles: Khadi, Muslin, Kalamkari, Ikat, Bandhani	3
	4	Traditional Indian costumes across regions (men's and women's)	2
	5	Cultural and socio-economic significance of textiles in India	2

4	**INTRODUCTION TO HISTORIC FASHION**		**12**
	1	Fashion from the 18th to early 20th century	4
	2	Silhouettes and styles across time	3
	3	Influence of historical fashion on contemporary trends	3
	4	Visual and functional aspects of historic dress in space design	2

5	**INTRODUCTION TO APPAREL PRODUCTION AND FASHION SHOWS**		**12**
	1	Overview of apparel production stages:	2
		Design development	1

		Pattern making	1
		Cutting, stitching, finishing	1
	2	Roles in the fashion production process (designer, merchandiser, production manager)	2
	3	Types of fashion shows: formal, informal, trade, promotional	2
	4	Planning: venue, models, choreography, set and lighting	2
	5	Planning and execution of a fashion show: theme, choreography, lighting, set design	1

ESSENTIAL READINGS:

- Tortora, Phyllis G. & Eubank, Keith – Survey of Historic Costume: A History of Western Dress
- Elizabeth Wilson – Adorned in Dreams: Fashion and Modernity
- Colleen Hill – Fashioning the Body: An Intimate History of the Silhouette
- Jennifer Craik – The Face of Fashion: Cultural Studies in Fashion

SUGGESTED READINGS:

- Valerie Steele – The Berg Companion to Fashion
- Toby Slade – Japanese Fashion: A Cultural History
- Down to Earth – Fashion and sustainability articles
- Journals:
- Fashion Theory: The Journal of Dress, Body & Culture
- International Journal of Costume and Fashion
- Business of Fashion (BoF) – Contemporary insights

ASSESSMENT RUBRICS:

Evaluation Type	**Marks**
End Semester Evaluation	**70**
Continuous Evaluation	**30**
Total	**100**

KU3VACCFD101: ZERO WASTE DESIGN TECHNIQUES

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
3	VAC	100	KU3VACCFD101	3	45

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
3	0	0	25	50	75	1.5

COURSE DESCRIPTION: This course explores sustainable fashion practices through the lens of zero waste design in textiles and apparel. It emphasizes optimizing fabric usage by applying innovative patterning, material-based design strategies, and responsible garment construction methods. Students will investigate both historical and contemporary approaches while engaging in hands-on prototyping, digital simulation, and critical sustainability analysis. The integration of textile behaviour, design logic, and circular principles prepares students to respond creatively and ethically to global environmental challenges in fashion.

COURSE PREREQUISITE: NIL

COURSE OUTCOMES:

CO NO.	EXPECTED OUTCOME	LEARNING DOMAINS
1	Understand textile properties relevant to zero waste apparel design	U
2	Apply zero waste principles in the development of textile-informed patterns	A
3	Create functional garments using minimal or no-waste design strategies	C
4	Analyze how fabric geometry and apparel construction can reduce textile waste	A
5	Evaluate environmental and cultural implications of zero waste apparel systems	E

**Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)*

Mapping of Course Outcomes to PSOs							
	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓	✓			✓		
CO 2	✓	✓			✓		
CO 3	✓	✓	✓		✓		
CO 4	✓	✓			✓		
CO 5	✓	✓			✓		

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1		**INTRODUCTION TO ZERO WASTE FASHION**	**10**
	1	History and philosophy of zero waste in fashion	**4**
	2	Environmental impact of fabric waste	**3**
	3	Overview of sustainable fibers and fabrics	**3**

2		**FUNDAMENTALS OF ZERO WASTE AND SUSTAINABLE TEXTILES**	**10**
	1	Introduction to zero waste theory in textiles and apparel	**3**
	2	Textile waste in traditional apparel production	**2**
	3	Conventional pattern cutting vs zero waste patterning	**3**
	4	Fabric grain, drape, and stretch: implications for layout planning	**2**

3	**APPAREL CONSTRUCTION WITH MINIMAL WASTE**		**10**
	1	No-sew, minimal seam, and single-seam construction methods	**3**
	2	Textile waste in traditional apparel production	**2**
	3	Working with rectangular, square, and tube-shaped fabric panels	**3**
	4	Bias and cross-grain techniques to enhance fit with minimal cuts	**2**

4	**DIGITAL TOOLS FOR ZERO WASTE PATTERNMAKING**		**10**
	1	Using CLO3D, Optitex, or Adobe Illustrator for pattern visualization	**3**
	2	Digital layout planning for fabric efficiency	**3**
	3	Laser-cutting and plotter-based precision cutting	**2**
	4	Software simulations of drape and fit from minimal-seam patterns	**2**

5	**ACTIVITIES**		**10**
	1	Group discussion: challenges and opportunities with bio-based materials	**4**
	2	Create a zero-waste design using upcycled textile waste	**3**
	3	Develop a product lifecycle map for a garment	**3**

ESSENTIAL READINGS:

- **Rissanen, Timo & McQuillan, Holly** (2016). *Zero Waste Fashion Design*. Bloomsbury Publishing.
- **Gwilt, Alison** (2014). *A Practical Guide to Sustainable Fashion*. Fairchild Books.
- **Fletcher, Kate** (2012). *Sustainable Fashion and Textiles: Design Journeys*. Earthscan.
- **McDonough, William & Braungart, Michael** (2002). *Cradle to Cradle: Remaking the Way We Make Things*. North Point Press.

SUGGESTED READINGS:

- **Brown, Sandy** – *Eco Fashion* (Laurence King Publishing)
- **Sass Brown** – *ReFashioned: Cutting-Edge Clothing from Upcycled Materials*
- **Goldsworthy, Kate** – "Designing for Circularity" in *Sustainable Textiles*
- **Aldrich, Winifred** – *Metric Pattern Cutting for Women's Wear*
- **Roberts, Julian** – *The Subtraction Cutting Workbook* (self-published)
- **Shirley, John** – *Textiles and Fashion: Materials, Design and Technology*

ASSESSMENT RUBRICS:

Evaluation Type	Marks
End Semester Evaluation	**50**
Continuous Evaluation	**25**
Total	**75**