



गोंय विद्यापीठ

ताळगांव पठार

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फोन: +९१-८६६९६०९०४८



Goa University

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(Accredited by NAAC)

GU/Acad –PG/BoS -NEP/2023/102/10

Date: 16.06.2023

CIRCULAR

The University has decided to implement the UGC Curriculum and Credit Framework for the Undergraduate Programme (CCFUP) of **Bachelor of Science in Fashion & Apparel Design/Bachelor of Science in Fashion & Apparel Design (Honours)** under the National Education Policy (NEP) 2020 from the Academic Year 2023-2024 onwards.

The approved Syllabus of Semesters I and II of the **Bachelor of Science in Fashion & Apparel Design/Bachelor of Science in Fashion & Apparel Design (Honours)** Programme is attached.

Principals of Affiliated Colleges offering the **Bachelor of Science in Fashion & Apparel Design/Bachelor of Science in Fashion & Apparel Design (Honours)** Programme are requested to take note of the above and bring the contents of this Circular to the notice of all concerned.

(Ashwin Lawande)

Assistant Registrar – Academic-PG

To,

1. The Principals of Affiliated Colleges offering the Bachelor of Science in Fashion & Apparel Design /Bachelor of Science in Fashion & Apparel Design (Honours) Programme.

Copy to:

1. The Director, Directorate of Higher Education, Govt. of Goa.
2. The Chairperson, BoS in Fashion & Apparel Design.
3. The Controller of Examinations, Goa University.
4. The Assistant Registrar, UG Examinations, Goa University.
5. Directorate of Internal Quality Assurance, Goa University for uploading the Syllabus on the University website.

Goa University

Programme Structure for Semester I to VIII Under Graduate Programme - Fashion & Apparel Design

Semester	Major - Core	Minor	MC	AEC	SEC	I	D	VAC	Total Credits	Exit
I	Major - 1 FAD - 100 (Foundation Art) (3T + 1P)	Minor - 1 FAD - 111 (Fashion Theory) (4T)	MC - 1 FAD - 131 (General Textiles) (3T)		SEC - 1 FAD - 141 (Basics of PMT and GMT) (3P)				20	
II	Major - 2 FAD - 101 (Fashion Thinking and Design Process) (3T + 1P)	Minor - 2 FAD - 112 (History of Costumes, Clothing culture and communication) (4T)	MC - 2 FAD - 132 (Fashion Supply Chain) (3T)		SEC - 2 FAD - 142 (Basics of Fashion Illustration) (3P)				20	EXT - 1 FAD - 161 (Basics of Dyeing) (2T + 2P)
III	Major - 3 FAD - 200 (PMT and GMT - I) (4P) Major - 4 FAD - 201 (Fibre and yarn Science) (2T + 2P)	Minor - 3 FAD - 211 (Apparel Production) (4T)	MC - 3 FAD - 231 (Fashion Styling) (3T)		SEC - 3 FAD - 241 (Basic Embroideries) (3P)				20	
IV	Major - 5 FAD - 202 (PMT and GMT - II) (4P) Major - 6 FAD - 203 (Fashion Illustration - I) (2T + 2P)	Minor - 4 VET FAD - 221 (Traditional Textiles and Embroideries of India) (2T + 2P)							20	EXT - 2 FAD - 261 (Basics of Printing) (2T + 2P)

	<p>Major - 7 FAD - 204 (Fabric Science and Analysis) (2T + 2P)</p> <p>Major - 8 FAD - 205 (Computer Aided Design - I) (2P)</p>									
V	<p>Major - 9 FAD - 300 (PMT and GMT - III) (4P)</p> <p>Major - 10 FAD - 301 (Fashion Illustration - II) (2T + 2P)</p> <p>Major - 11 FAD - 302 (Fashion Merchandizing) (4T)</p> <p>Major - 12 FAD - 303 (Computer Aided Design - II) (2P)</p>	<p>Minor VET - 5 FAD - 321 (Textile Wet Processing) (2T + 2P)</p>				I FAD - 361 (Inter nship) (2)			20	
VI	<p>Major -13 FAD - 304 (Draping) (4P)</p> <p>Major - 14 FAD - 305 (Fashion Illustration - III) (2T + 2P)</p>	<p>Minor VET - 6 FAD - 322 (Styling and Accessories) (2T + 2P)</p>							20	

	<p>Major - 15 FAD - 306 (Fashion Retail Management) (4T)</p> <p>Major - 16 FAD - 307 (Fashion Portfolio) (4P)</p>									
VII	<p>Major - 17 FAD - 400 (Advance Draping) (4P)</p> <p>Major - 18 FAD - 401 (Visual Merchandising) (2T + 2P)</p> <p>Major - 19 FAD - 402 (Apparel Quality Control) (2T + 2P)</p> <p>Major - 20 FAD - 403 (Research Methodology) (4T)</p>	<p>Minor - 7 FAD - 411 (Entrepreneurship and Innovation) (4T)</p>							20	
VIII	<p>Major - 21 FAD - 404 (PMT and GMT - IV) (4P)</p> <p>Major - 22 FAD - 405 (Fashion Journalism) (4T)</p>	<p>Minor - 8 FAD - 412 (Fashion Forecasting) (4T)</p>					D FAD - 461 (Fashi on Design - Dissert		20	

Name of the Programme: B Sc. Fashion and Apparel Design

Course Code: FAD-100

Title of the Course: Foundation Art (Theory + Practical)

Number of Credits: 4 (3+1)

Effective from AY: 2023-24

Pre-requisites for the Course:	NIL	
Course Objectives:	<ul style="list-style-type: none"> ● To Introduce drawing as a foundation skill. ● To explore and develop one's ability to think and draw. ● To be able to use drawing media effectively. ● To understand the value of seeing. ● To understand the light and shadow effect on the object 	
Content:	Unit - 1 Lines, Shapes - Exploration of different grades of pencils, and different kinds of paper (bond sheet, ivory sheet, cartridge sheets). Types of lines and expression through lines. Shapes - Exploration of lines into shapes, different objects to be presented in 2D with proper measurement and proportion, and tonal rendering.	15 (10 + 5) Hours
	Unit - 2 Art media and application - pencils, color pencils, watercolors, fabric colors, markers, acrylic colors.	15 (10 + 5) Hours
	Unit - 3 Perspective and its uses, Grid techniques of rendering.	15 (10 + 5) Hours
	Unit - 4 Understanding different kinds of drapes.	10 (5 + 5) Hours
	Unit - 5 Study of quick sketches & Live poses.	20 (10 + 10) Hours
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ul style="list-style-type: none"> ● Civardi, Giovanni. Drawing Human Anatomy. Cassell Illustrated, 1998 ● Civardi, Giovanni. Drawing: A Complete Guide (Art of Drawing). Sea, 2010. ● Civardi, Giovanni. Art of Drawing: Drawing Hands & Feet: Form, Proportions, Gestures and Actions. Search Press, 2005. ● Civardi, Giovanni. Art of Drawing: Drawing Portraits: Faces and Figures. Search Press, 2002. ● Yanconsky, Liron. How to Draw Folds and Clothes: For the Extreme Beginner. ● Massen, Michael. The Artist's Guide to Drawing the Clothed Figure: A Complete Resource on Rendering Clothing and Drapery. Watson-Guptill, 2011. 	
Course Outcomes:	<ul style="list-style-type: none"> ● Understanding how to effectively use drawing media. ● Improved eye-hand coordination. ● Understanding of scale, proportion, lighting, drapes, and perspectives. ● Improves one's thinking power and drawing skills. 	

Name of the Programme: B Sc. Fashion and Apparel Design

Course Code: FAD-111

Title of the Course: Fashion Theory (Theory)

Number of Credits: 4

Effective from AY: 2023-24

Pre-requisites for the Course:	● NIL	
Course Objectives:	● To introduce the students to fashion terminologies. ● To understand the principles and elements of design. ● To understand various roles in the field of Fashion.	
Content:	Unit - 1 Definition of Fashion, Style, FAD, classic, Avant -Grade, Fashion Terminology, etc. Fashion Evolution, Adoption of fashion, Motives for consumer buying, Fashion forecasting, Design sources, Fashion services & resources, Fashion Magazines, etc.	10 Hours
	Unit - 2 Knowledge of the customer - Consumer groups, customer profile, price, gender, location.	10 Hours
	Unit - 3 Designing a successful garment (elements & principles) Silhouette, line color, texture, pattern. Design principles, - proportions, Balance, Emphasis, Unity, Rhythm.	10 Hours
	Unit - 4 Fashion Forecasting. Importance of Trims & Findings - their types and usage. Types of collars, necklines, sleeves, pockets (exercise based).	10 Hours
	Unit - 5 Women's wear – different categories. Men's wear - different categories. Children wear different categories.	10 Hours
	Unit – 6 (overview) Developing a line, Line selection, line presentation, developing a sample garment, costing of a garment, purchasing piece goods, patternmaking, production scheduling, spreading, cutting, and garment assembly.	10 Hours
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study	

References/ Readings:	<ul style="list-style-type: none"> ● Tate, Sharon Lee. Inside Fashion Design. 1st Edition, Canfield Press, 1977. ● Faerm, Steven. Fashion Design Course: Principles, Practice, and Techniques: The Practical Guide for Aspiring Fashion Designers. 2nd Edition, B.E.S. Publishing, 2017. ● Fashionary. Fashionpedia - The Visual Dictionary of Fashion Design. Fashionary, 2016. ● Fashion Illustration & Design: Methods & Techniques for Achieving Professional Results. Promopress, 2017. ● Brambatti, Manuela. Fashion Illustration & Design: Methods & Techniques for Achieving Professional Results. Promopress, 2017. ● Frings, Gini Stephens. Fashion: From Concept to Consumer. 9th Edition, Pearson, 2007.
Course Outcomes:	<ul style="list-style-type: none"> ● Understanding the categories of fashion and markets. ● Basics/ Fundamentals of Fashion. ● Industry Awareness. ● Various parts of the garments and their usage.

Name of the Programme: B Sc. Fashion and Apparel Design

Course Code: FAD-131

Title of the Course: General Textiles (Theory)

Number of Credits: 3

Effective from AY: 2023-24

Prerequisites for the course	<ul style="list-style-type: none">● NIL	
Objectives	<ul style="list-style-type: none">● To understand different types of fibre, yarns, and fabrics.● To study the process of developing fabrics and Indian textiles.● To introduce students to various dyes, dyeing, and printing techniques.	
Content	<p>Unit 1 Introduction to textile fibers: Cellulose, Regenerated Cellulose, and Synthetic fibres - Definition, Sources, Classification, and Applications of textile fibres.</p> <p>Unit 2 Introduction to Yarn Technology: Manufacturing process, classifications, and end uses. textured Yarn, blended yarns, fancy yarns, and sewing threads.</p> <p>Unit 3 Introduction on different methods of fabric Formation-Woven, Knitted and non-woven fabrics, properties, and end uses. Weaving techniques, elementary weaves, and different types of Indian Textiles.</p> <p>Unit 4 Dyeing: Introduction to dyeing, Principles of dyeing, Methods of dyeing (dope, fiber, yarn, fabric, and garment) classification of dyes, and application.</p> <p>Unit 5 Printing: Introduction to printing, styles, methods, and novel methods of printing: Digital, flexography, inkjet, blotch, watermark, roller, foam, bubble, airbrush, electrostatic, photo printing, marble, warp printing, etc.</p> <p>Unit 6 Textile care: Laundering equipment and cleansing agents such as water, soaps and detergents, chemical reagents, and Additives (stiffening and blueing). Methods of Laundering, dry cleaning, Stain removal, and care of textile and apparel.</p>	<p>8 Hours</p> <p>6 Hours</p> <p>8 Hours</p> <p>8 Hours</p> <p>8 Hours</p> <p>7 Hours</p>
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	

References/ Readings	<ul style="list-style-type: none"> ● Gohl, E.P.G., and Velensky, L.D. "Textile Science." CBS Publishers and Distributors, 2003. ● Hall, A.J. "The Standard Handbook of Textiles." 8th edition, Woodhead Publishing, 2004. ● Gordon Cook, J. "Handbook of Textile Fibres, Vol. II Man-Made Fibers." Woodhead Publishing, 1984. ● Corbman, Bernard P. "Textiles Fiber to Fabric." 6th edition, McGrawhill Publications, 1983. ● Murphy, W.S. "Handbook of Weaving." Abhishek Publications, 2007. ● Murphy, W.S. "Textile Weaving & Design." Abhishek Publications, 2003. ● Broughton, Kate. "Textiles Dyeing." Rockport Publishers, 1996. ● Murphy, W.D. "Textile Finishing." Abhishek Publications, 2000.
Course Outcomes	<ul style="list-style-type: none"> ● To Understand the fibre extraction and yarn manufacturing process. ● Understanding of the process of developing a fabric. ● To gain knowledge of textiles from various parts of the country. ● Understanding of the relevance of dyeing and printing techniques and their applications.

Name of the Programme: B Sc. Fashion and Apparel Design

Course Code: FAD-141

Title of the Course: Basics of PMT and GMT (Practical)

Number of Credits: 3

Effective from AY: 2023-24

Pre-requisites	<ul style="list-style-type: none">• NIL										
Course Objectives:	<ul style="list-style-type: none">• To introduce the students to the tools & basics of Pattern Making.• To introduce students to the functioning, care, and maintenance of a sewing machine.• To introduce students to basic garment construction techniques.										
Content:	<table border="1"><tr><td>Unit - 1 Introduction to Tools used for pattern making & garment construction, Parts of the sewing machine, sewing machine needle - types, parts and functions, care and maintenance of sewing machine, sewing threads- function, performance, characteristics. stitching on fabric (straight, curves, corners and circular)</td><td>15 Hours</td></tr><tr><td>Unit - 2 Threading the Single needle machine, loading bobbin and bobbin case, fixing sewing problems.</td><td>15 Hours</td></tr><tr><td>Unit - 3 Introduction to Basic hand stitches: Application of Temporary and permanent stitches, Methods, importance, and application of basting, running, tacking, hand overcast, button, buttonhole, hemming stitches slip stitch, tailor's tack and Seam & seam finishes- Plain, flat fell, French, turned & stitched, lapped, double top, pinked, overlock, & pinked and stitched.</td><td>30 Hours</td></tr><tr><td>Unit - 4 Different techniques of finishing the neckline and armholes using facings, decorative facings, pipings, and bias bindings.</td><td>15 Hours</td></tr><tr><td>Unit - 5 Introduction to body proportions and standard measurement chart. Different plackets, pockets, zippers, gathers, tucks, darts, yokes, and Decorative fasteners, (folio).</td><td>15 Hours</td></tr></table>	Unit - 1 Introduction to Tools used for pattern making & garment construction, Parts of the sewing machine, sewing machine needle - types, parts and functions, care and maintenance of sewing machine, sewing threads- function, performance, characteristics. stitching on fabric (straight, curves, corners and circular)	15 Hours	Unit - 2 Threading the Single needle machine, loading bobbin and bobbin case, fixing sewing problems.	15 Hours	Unit - 3 Introduction to Basic hand stitches: Application of Temporary and permanent stitches, Methods, importance, and application of basting, running, tacking, hand overcast, button, buttonhole, hemming stitches slip stitch, tailor's tack and Seam & seam finishes- Plain, flat fell, French, turned & stitched, lapped, double top, pinked, overlock, & pinked and stitched.	30 Hours	Unit - 4 Different techniques of finishing the neckline and armholes using facings, decorative facings, pipings, and bias bindings.	15 Hours	Unit - 5 Introduction to body proportions and standard measurement chart. Different plackets, pockets, zippers, gathers, tucks, darts, yokes, and Decorative fasteners, (folio).	15 Hours
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Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study										
References/ Readings:	<ul style="list-style-type: none">• Joseph-Armstrong, Helen. Pattern Making for Fashion Design. HJA, 2009.• Crawford, Connie Amaden. The Art of Fashion Draping. CAC, 2004.• Cooklin, Gerry. Introduction to Clothing Manufacture. Blackwell Science, UK, 1991.• Carr, Harold, and Latham, Barbara. The Technology of Clothing Manufacture. Oxford Pub., USA, 1994.										
Course Outcomes:	<ul style="list-style-type: none">• Developed skills will help students to use basic patternmaking techniques to create basic garments.• students will be able to apply pattern-making principles to create design variations and construct garments.• students will gain an understanding of different garment components and their constructions.• students will be able to construct complete garments.										

Name of the Programme: B Sc. Fashion and Apparel Design

Course Code: FAD-101

Title of the Course: Fashion Thinking and Design Process (Theory + Practical)

Number of Credits: 4 (3T+1P)

Effective from AY: 2023-24

Prerequisites for the course	<ul style="list-style-type: none"> • NIL 														
Objectives	<ul style="list-style-type: none"> • To present an overview of the fashion thinking & the design process involved at each stage of the design process. • To understand the methods used by designers to generate and refine creative ideas, the key considerations that help shape ideas, and the feedback and review elements that allow design teams to learn from each job and contribute to future works. 														
Content	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 85%; vertical-align: top;"> <p>Unit 1 Overview & the importance of design thinking process. Fashion Thinking modes – Linear, cyclic & Random Fashion Thinking. Stage 1 - Define/ Empathise (Defining the Who, What, When, Where Why, and How of the subject).</p> </td> <td style="width: 15%; text-align: right; vertical-align: top;">10 (5 + 5) Hours</td> </tr> <tr> <td style="vertical-align: top;"> <p>Unit 2 Stage 2 - Research Search/look for information that can be fed into the creative process at the ideate stage. Primary, Secondary & Tertiary research.</p> </td> <td style="text-align: right; vertical-align: top;">10 (5 + 5) Hours</td> </tr> <tr> <td style="vertical-align: top;"> <p>Unit 3 Stage 3 – Idea generation / Ideate. Learn to use the information and look at how designers use different methods and sources of inspiration to generate creative solutions for the brief. Study Sketching, brainstorming, mind-mapping, visual & Idea Boards, and the different paradigms used throughout design history. Conceptualization process- basic conceptualization from an idea, Research & Journal making, forming an inspiration or final concept, client and market brief, trend study.</p> </td> <td style="text-align: right; vertical-align: top;">15 (5 + 10) Hours</td> </tr> <tr> <td style="vertical-align: top;"> <p>Unit 4 Stage 4 – Prototype Undertake a prototype to get an idea of its physical presence and tactile qualities. Present ideas & concepts that articulate and test target group acceptance and receive client approval.</p> </td> <td style="text-align: right; vertical-align: top;">15 (5 + 10) Hours</td> </tr> <tr> <td style="vertical-align: top;"> <p>Unit 5 Stage 5 - Select Choose one of the proposed design solutions for development.</p> </td> <td style="text-align: right; vertical-align: top;">10 (5 + 5) Hours</td> </tr> <tr> <td style="vertical-align: top;"> <p>Unit 6 Stage 6 - Implement Entail details are to be put into effect resulting in a client that is happy with the final product.</p> </td> <td style="text-align: right; vertical-align: top;"></td> </tr> <tr> <td style="vertical-align: top;"> <p>Unit 6 Stage 7 - Learn Note key Learnings from all the steps throughout the design process.</p> </td> <td style="text-align: right; vertical-align: top;">15 (5 + 10) Hours</td> </tr> </table>	<p>Unit 1 Overview & the importance of design thinking process. Fashion Thinking modes – Linear, cyclic & Random Fashion Thinking. Stage 1 - Define/ Empathise (Defining the Who, What, When, Where Why, and How of the subject).</p>	10 (5 + 5) Hours	<p>Unit 2 Stage 2 - Research Search/look for information that can be fed into the creative process at the ideate stage. Primary, Secondary & Tertiary research.</p>	10 (5 + 5) Hours	<p>Unit 3 Stage 3 – Idea generation / Ideate. Learn to use the information and look at how designers use different methods and sources of inspiration to generate creative solutions for the brief. Study Sketching, brainstorming, mind-mapping, visual & Idea Boards, and the different paradigms used throughout design history. Conceptualization process- basic conceptualization from an idea, Research & Journal making, forming an inspiration or final concept, client and market brief, trend study.</p>	15 (5 + 10) Hours	<p>Unit 4 Stage 4 – Prototype Undertake a prototype to get an idea of its physical presence and tactile qualities. Present ideas & concepts that articulate and test target group acceptance and receive client approval.</p>	15 (5 + 10) Hours	<p>Unit 5 Stage 5 - Select Choose one of the proposed design solutions for development.</p>	10 (5 + 5) Hours	<p>Unit 6 Stage 6 - Implement Entail details are to be put into effect resulting in a client that is happy with the final product.</p>		<p>Unit 6 Stage 7 - Learn Note key Learnings from all the steps throughout the design process.</p>	15 (5 + 10) Hours
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Pedagogy	Lectures/ Tutorials/Assignments/Self-Study
References/ Readings	<ul style="list-style-type: none"> ● Ambrose, Gavin and Harris, Paul. Design Thinking. Bloomsbury, 2009. ● Dieffenbacher, Fiona. Fashion Thinking. Bloomsbury, 2013.
Course Outcomes	<ul style="list-style-type: none"> ● Understanding of the design thinking process. ● To have the capability to convert an idea into a product. ● Be successful in design thinking using various tools of visualization & ideation. ● Learn problem-solving and innovation.

Name of the Programme: B Sc. Fashion and Apparel Design

Course Code: FAD-112

Title of the Course: History of Costume, Clothing Culture and Communication (Theory)

Number of Credits: 4

Effective from AY: 2023-24

Prerequisites for the course	<ul style="list-style-type: none"> NIL 												
Objectives	<ul style="list-style-type: none"> To understand the evolution of fashion. To create awareness about clothing culture. Impart knowledge of clothing communication & fashion expression. 												
Content	<table border="0"> <tr> <td data-bbox="443 595 1278 779"> <p>Unit – 1 Understanding clothing & Clothing culture. The difference in fashion & non-fashion clothing. Recurring cycles of fashion. Individual communication, image building and tools of personal expressions</p> </td> <td data-bbox="1321 595 1437 622">5 Hours</td> </tr> <tr> <td data-bbox="443 786 1278 1093"> <p>Unit – 2 Influence of Individual dress, personal communication, expression, psychological & sociological influence on clothing through the study of the Late 15th -16th Century -Renaissances period, 17th Century -Baroque period 18th Century- Rococo 19th Century - The birth of Dandy</p> </td> <td data-bbox="1321 786 1437 813">10 Hours</td> </tr> <tr> <td data-bbox="443 1099 1278 1249"> <p>Unit - 3 Fashion Designers I - focus on individual expression/ signature style of the most prominent designers that influenced fashion till the mid-90s. – (international & national).</p> </td> <td data-bbox="1321 1099 1437 1126">10 Hours</td> </tr> <tr> <td data-bbox="443 1256 1278 1563"> <p>Unit – 4 Industrial revolution Corset culture, 20th-century fashion, women at war, between war & post-war. 1900-1909 - Down with the corset 1910-1919- Liberated body Edwardian Opulence 1920-1929 - Jazz look 1930-1939 - Return of Elegance 1940 - 1949 - Fashion is indestructible</p> </td> <td data-bbox="1321 1256 1437 1283">15 Hours</td> </tr> <tr> <td data-bbox="443 1570 1278 1906"> <p>Unit -5 Gender equality through clothing, the sexual revolution & emergence of different types of costumes and cultures during the late 20th century (hippies, punk, teddy boy, mods, etc.) 1950 - 1959 - New look – Old idea 1960-1969 - sex, drugs, & rock n’ Roll for a better world 1970-1979 - Anti Fashion 1980-1989 -Dressed for success 1990-1999 - Towards a minimalist future</p> </td> <td data-bbox="1321 1570 1437 1597">10 Hours</td> </tr> <tr> <td data-bbox="443 1912 1278 2007"> <p>Unit-6 21st Century - Emergence of a new age in fashion.</p> </td> <td data-bbox="1321 1957 1437 1984">10 Hours</td> </tr> </table>	<p>Unit – 1 Understanding clothing & Clothing culture. The difference in fashion & non-fashion clothing. Recurring cycles of fashion. Individual communication, image building and tools of personal expressions</p>	5 Hours	<p>Unit – 2 Influence of Individual dress, personal communication, expression, psychological & sociological influence on clothing through the study of the Late 15th -16th Century -Renaissances period, 17th Century -Baroque period 18th Century- Rococo 19th Century - The birth of Dandy</p>	10 Hours	<p>Unit - 3 Fashion Designers I - focus on individual expression/ signature style of the most prominent designers that influenced fashion till the mid-90s. – (international & national).</p>	10 Hours	<p>Unit – 4 Industrial revolution Corset culture, 20th-century fashion, women at war, between war & post-war. 1900-1909 - Down with the corset 1910-1919- Liberated body Edwardian Opulence 1920-1929 - Jazz look 1930-1939 - Return of Elegance 1940 - 1949 - Fashion is indestructible</p>	15 Hours	<p>Unit -5 Gender equality through clothing, the sexual revolution & emergence of different types of costumes and cultures during the late 20th century (hippies, punk, teddy boy, mods, etc.) 1950 - 1959 - New look – Old idea 1960-1969 - sex, drugs, & rock n’ Roll for a better world 1970-1979 - Anti Fashion 1980-1989 -Dressed for success 1990-1999 - Towards a minimalist future</p>	10 Hours	<p>Unit-6 21st Century - Emergence of a new age in fashion.</p>	10 Hours
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<p>Unit – 4 Industrial revolution Corset culture, 20th-century fashion, women at war, between war & post-war. 1900-1909 - Down with the corset 1910-1919- Liberated body Edwardian Opulence 1920-1929 - Jazz look 1930-1939 - Return of Elegance 1940 - 1949 - Fashion is indestructible</p>	15 Hours												
<p>Unit -5 Gender equality through clothing, the sexual revolution & emergence of different types of costumes and cultures during the late 20th century (hippies, punk, teddy boy, mods, etc.) 1950 - 1959 - New look – Old idea 1960-1969 - sex, drugs, & rock n’ Roll for a better world 1970-1979 - Anti Fashion 1980-1989 -Dressed for success 1990-1999 - Towards a minimalist future</p>	10 Hours												
<p>Unit-6 21st Century - Emergence of a new age in fashion.</p>	10 Hours												

Pedagogy	Lectures/ Tutorials/Assignments/Self-Study
References/ Readings	<ul style="list-style-type: none"> ● Laver, James. Costume and Fashion. Thames & Hudson, 2002. ● Boucher, Francois. 20,000 Years of Fashion. Harry N Abrams, 1987. ● Kohler, Carl. History of Fashion. Dover Publication, 2012. ● Cosgrave, Bronwyn. The Complete History of Costumes and Fashion. Facts on File Publisher, 2001.
Course Outcomes	<ul style="list-style-type: none"> ● Understand the evolution of clothing. ● Developing a sense of appreciation for the historic costume. ● To gain knowledge of clothing and a communicative message. ● Understanding of Socio-psychological aspects of clothing.

Name of the Programme: B Sc. Fashion and Apparel Design

Course Code: FAD-132

Title of the Course: Fashion Supply Chain (Theory)

Number of Credits: 3

Effective from AY: 2023-24

Pre-requisites for the Course:	<ul style="list-style-type: none"> NIL 	
Course Objectives:	<ul style="list-style-type: none"> Understand how to develop an extra efficient supply chain to improve profitability. Develop an understanding of supply chain management's major difficulties and trends. Analyse how to make use of logistics when you're making decisions. 	
Content:	<p>Unit 1: Basic concepts of supply chain management: evolution of supply chain models, linking the supply chain with customer, supply & value chains, supply chain viewpoints, introduction to supply chain management, logistic system analysis, sourcing strategy.</p> <p>Unit 2: Distribution and transportation: distribution channel and its functions, types of distribution channel, factors influencing distribution, modes of transportation, transport decisions.</p> <p>Unit 3: Inventory planning and warehousing: inventory management, inventory theory models: economic order quantity models, reorder point models and multi-echelon inventory systems, managing economies of scale in supply chain cycle inventory, management of the warehouse, benefits of a warehouse.</p> <p>Unit 4: Coordinating supply and demand: the lead-time gap, lack of supply chain coordination and the bullwhip effect, improving the visibility of demand, demand management and aggregate planning, collaborative planning, product 'push' versus demand 'pull', agile supply chain, responsiveness in the supply chain.</p> <p>Unit 5: Information technology in the supply chain: role of information and information technology in the supply chain, 'quick response' logistics, production strategies for quick response</p> <p>Customer service strategy: identification of service needs, measuring service levels in supply chains, customer satisfaction/ value/ profitability/ differential advantage, measurement of supply chain performance.</p> <p>Unit 6:</p>	<p>6 Hours</p> <p>6 Hours</p> <p>9 Hours</p> <p>9 Hours</p> <p>9 Hours</p> <p>6 Hours</p>

	<p>Supply chain risk profile: vulnerability in supply chains, understanding the supply chain risk profile, managing supply chain risk, achieving supply chain resilience.</p> <p>Supply chain barriers and integration: creating the logistics vision, problems with conventional organizations, developing the logistics organization, logistics as the vehicle for change, benchmarking.</p> <p>Supply chain management in Apparel Industry.</p>	
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ul style="list-style-type: none"> ● Chopra, Sunil and Meindl, Peter. Supply Chain Management. Pearson. 2013. ● Ayers, James B. Handbook of Supply Chain Management. Auerbach Publications. 2006. ● Simchi-Levi, Edith, et al. Designing and Managing the Supply Chain: Concepts, Strategies, and Case Studies. Singapore, McGraw-Hill/ Irwin, 2008. 	
Course Outcomes:	<ul style="list-style-type: none"> ● Develop a sound understanding of the Supply chain in the garment industry. ● Apply tools of supply chain management in inventory management. ● Assess the use and development of information technology in supply chain management. ● Categorize supply chain management barriers and risk management. 	

Name of the Programme: B Sc. Fashion and Apparel Design

Course Code: FAD-142

Title of the Course: Basics of Fashion Illustration (Practical)

Number of Credits: 3

Effective from AY: 2023-24

Prerequisites for the course	<ul style="list-style-type: none"> Higher Secondary 	
Objectives	<ul style="list-style-type: none"> To Introduce Colors as a Foundation Skill. To understand the ancient style of clothing, color medium, and color psychology. To understand the human form and how to depict garments on the body. 	
Content	Unit – 1 Introduction of color as an essential element of design, Pantone color, Color wheel, color value scale, greyscale, color scheme, color psychology, colors and emotions, color behavior	15 Hours
	Unit - 2 Introduction to Fashion Figures and Natural Figures, Introduction to 8, 10 and 12 - head Robotic, Ball, and stick figures. Comparative study of the proportions and body size, Different views - ¾th, side view, back view, (still and moving form)	15 Hours
	Unit – 3 Study of arms & hands, Hand movements, legs, and feet movement. Accessories and Footwear	15 Hours
	Unit - 4 Torso Movement, understanding the movement of the body.	15 Hours
	Unit - 5 Facial Features - eyes, nose, lips.	15 Hours
	Unit – 6 Final Project & Presentation.	15 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	<ul style="list-style-type: none"> Civardi, Giovanni. Drawing Human Anatomy. Cassell Illustrated Publisher, 1998. Civardi, Giovanni. Drawing: A Complete Guide (Art of Drawing). Search Press, 2010. Civardi, Giovanni. Art of Drawing: Drawing Hands & Feet: Form, Proportions, Gestures and Actions. Search Press, 2005. Civardi, Giovanni. Art of Drawing: Drawing Portraits: Faces and Figures. Search Press, 2002. Yanconsky, Liron. How to Draw Folds and Clothes: For the Extreme Beginner. 2014. Massen, Michael. The Artist's Guide to Drawing the Clothed Figure: A Complete Resource on Rendering Clothing and Drapery. Watson-Guptill, 2011. 	
Courses Outcomes	<ul style="list-style-type: none"> Enable the students to create effective and interesting visual expressions. Learn how to draw a fashion figure and create garment designs for the same. Develop an approach towards ideation. Enhance rendering skills and learn detailed garment rendering. Understand how to draw different facial features. 	

EXIT COURSE**Name of the Programme: B Sc. Fashion and Apparel Design****Course Code: FAD-161****Title of the Course: Basics of Dyeing (Theory + Practical)****Number of Credits: 4 (2+2)****Effective from AY: 2023-24**

Pre-requisites for the Course:	<ul style="list-style-type: none">• NIL										
Course Objectives:	<ul style="list-style-type: none">• To impart knowledge of textile and garment dyeing• To introduce students to various chemicals, dyes, and auxiliaries used in dyeing technology										
Content:	<table border="1"><tr><td>Unit 1 Introduction to dyeing, definition, and terminologies.</td><td>5 (5 + 0) Hours</td></tr><tr><td>Unit 2 Classification, Principles and Mechanism of dyeing, Methods of dyeing- Fibre, yarn, fabric and garments.</td><td>5 (5 + 0) Hours</td></tr><tr><td>Unit 3 Properties and application of direct, basic, acid, vat, reactive and disperse dyes on cotton, silk and polyester yarns/ fabrics.</td><td>40 (10 +30) Hours</td></tr><tr><td>Unit 4 Garment Processing and Finishing: Importance of garment dyeing and finishings. Special finishes used for types of denim.</td><td>15 (5 + 10) Hours</td></tr><tr><td>Unit 5 Introduction to Tie and Dye Techniques, dyeing of cotton and silk yarn/ fabric and Batik techniques.</td><td>25 (5 + 20) Hours</td></tr></table>	Unit 1 Introduction to dyeing, definition, and terminologies.	5 (5 + 0) Hours	Unit 2 Classification, Principles and Mechanism of dyeing, Methods of dyeing- Fibre, yarn, fabric and garments.	5 (5 + 0) Hours	Unit 3 Properties and application of direct, basic, acid, vat, reactive and disperse dyes on cotton, silk and polyester yarns/ fabrics.	40 (10 +30) Hours	Unit 4 Garment Processing and Finishing: Importance of garment dyeing and finishings. Special finishes used for types of denim.	15 (5 + 10) Hours	Unit 5 Introduction to Tie and Dye Techniques, dyeing of cotton and silk yarn/ fabric and Batik techniques.	25 (5 + 20) Hours
Unit 1 Introduction to dyeing, definition, and terminologies.	5 (5 + 0) Hours										
Unit 2 Classification, Principles and Mechanism of dyeing, Methods of dyeing- Fibre, yarn, fabric and garments.	5 (5 + 0) Hours										
Unit 3 Properties and application of direct, basic, acid, vat, reactive and disperse dyes on cotton, silk and polyester yarns/ fabrics.	40 (10 +30) Hours										
Unit 4 Garment Processing and Finishing: Importance of garment dyeing and finishings. Special finishes used for types of denim.	15 (5 + 10) Hours										
Unit 5 Introduction to Tie and Dye Techniques, dyeing of cotton and silk yarn/ fabric and Batik techniques.	25 (5 + 20) Hours										
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study/ Hands-on										
References/ Readings:	<ul style="list-style-type: none">• Hall, A.J. The Standard Handbook of Textiles. Woodhead Publishing, 2004.• Gunner, Janice. Shibori for Textiles Artists. Batsford, 2006.• Broughton, Kate. Textiles Dyeing. Rockport Publishers, 1996.• Murphy, W.D. Textile Finishing. Abhishek Publications, 2000.• Robinson, Rosi. Creative Batik. Search Press, 2004.• Smith, J.E. Textile Processing - Printing, Dyeing. Abhishek Publications, 2003.										
Course Outcomes:	<ul style="list-style-type: none">• To get acquainted with dyes and their properties.• To understand the relevance of dyeing techniques and their applications.• Understanding of the technical and practical aspects of dyeing.• To have a working knowledge in dyeing fabrics.										