

गोंय विद्यापीठ

ताळगांव पठार,

गोंय - ४०३ २०६

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(Accredited by NAAC)

GU/Acad –PG/BoS -NEP/2024/188

Date: 03.06.2024

Ref: GU/Acad –PG/BoS -NEP/2023/102/10 dated 16.06.2023

CIRCULAR

In supersession to the above referred Circular, the Syllabus of Semester III to VIII of the **Bachelor of Science in Fashion and Apparel Design** Programme approved by the Standing Committee of the Academic Council in its meeting held on 06th, 07th and 21st March 2024 is enclosed. The syllabus of Semester I and II approved earlier is also attached.

Principal of the Affiliated College offering the **Bachelor of Science in Fashion and Apparel Design** Programme is requested to take note of the above and bring the contents of the Circular to the notice of all concerned.

(Ashwin Lawande)

Assistant Registrar – Academic-PG


To,

The Principal of Affiliated College offering the Bachelor of Science in Fashion and Apparel Design Programme.


Copy to:

1. The Director, Directorate of Higher Education, Govt. of Goa
2. The Chairperson, BOS in Fashion and 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.

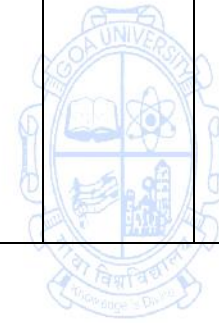
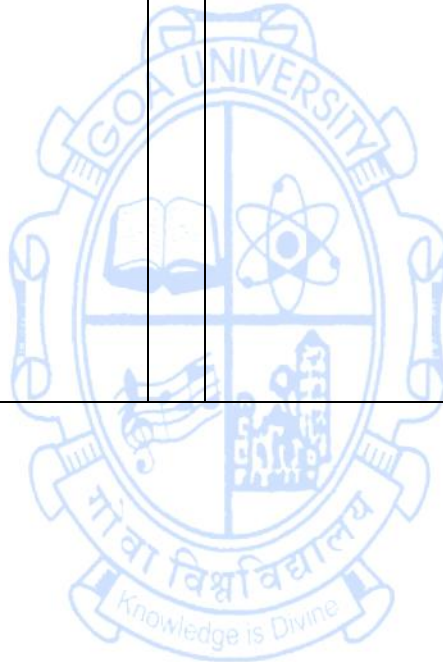
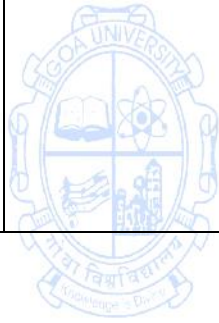
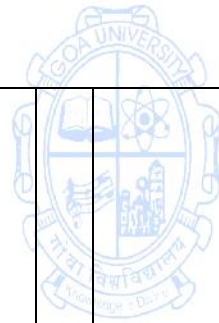
Programme Structure for Semester I to VIII Under Graduate Programme - Fashion & Apparel Design										
Semester	Major - Core	Minor	MC	AEC	SEC	I	D	VAC	Total Credits	Exit
I	FAD - 100 Foundation Art (3T + 1P)	FAD - 111 Fashion Theory (4T)	FAD - 131 General Textiles) (3T)		FAD - 141 Basics of PMT and GMT (3P)					
II	FAD - 101 Fashion Thinking and Design Process (3T + 1P)	FAD - 112 History of Costumes, Clothing culture and communication (4T)	FAD - 132 Fashion Supply Chain (3T)		FAD - 142 Basics of Fashion Illustration (3P)					FAD - 161 Basics of Dyeing (2T + 2P)
III	FAD - 200 PMT and GMT - I (4P) FAD - 201 Fibre and yarn Science (2T + 2P)	FAD - 211 Apparel Production (4T)	FAD - 231 Fashion Styling (3T)		FAD - 241 Basic Embroideries (3P)					

<p>IV</p>	<p>FAD - 202 PMT and GMT - II (4P)</p> <p>FAD - 203 Fashion Illustration - I (2T + 2P)</p> <p>FAD - 204 Fabric Science and Analysis (2T + 2P)</p> <p>FAD - 205 Computer Aided Design - I (2P)</p>	<p>FAD - 221 Traditional Textiles and Embroideries of India (2T + 2P) VET</p> 							<p>FAD - 261 Basics of Printing (2T + 2P)</p>
<p>V</p>	<p>FAD - 300 PMT and GMT - III (4P)</p> <p>FAD - 301 Fashion Illustration - II</p>	<p>FAD - 321 (Textile Wet Processing) (2T + 2P) VET</p>			<p>FAD - 361 Internship (2)</p>				

	<p>(2T + 2P)</p> <p>FAD - 302 Fashion Merchandizing (4T)</p> <p>FAD - 303 Computer Aided Design - II (2P)</p>							
VI	<p>FAD - 304 Draping (4P)</p> <p>FAD - 305 Fashion Illustration - III (2T + 2P)</p> <p>FAD - 306 Fashion Retail Management (4T)</p> <p>FAD - 307 Fashion</p>	<p>FAD - 322 Styling and Accessories (2T + 2P) (VET)</p>						

	Portfolio (4P)									
VII	FAD - 400 Advance Draping (4P) FAD - 401 Visual Merchandising (2T + 2P) FAD - 402 Apparel Quality Control (2T + 2P) FAD - 403 Research Methodology (4T)	FAD - 411 Entre- preneurship and Innovation (4T) 								
VIII	FAD - 404 PMT and GMT - IV (4P)	FAD - 412 Fashion Forecasting (4T)					FAD - 461 Fashion Design – Diss-			

	<p>FAD - 405 Fashion Journalism (4T)</p> <p>FAD - 406 Global Markets (4T)</p> <p>FAD - 407 Fashion Business Management (4T)</p>					<p>ertation (2)</p>			
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COURSE OVERVIEW

- The ***BSc. Honors in fashion and apparel design*** emphasizes practical and industry-oriented methodology and training.
- An intensive course that is driven by a systematic and technical approach, research, creativity, and imagination.
- Trains the students to imbibe the aesthetic of design and create collections for the consumers.
- Focuses on integral elements of the subject ranging from fabric analysis, to understanding principles of design, fashion illustration, patternmaking, and garment construction.
- The ***BSc. Honors in fashion and apparel design*** program abides by the evolving trends, norms, cultural dynamics, and innovations of the Indian and International Fashion industry.

LEARNING OUTCOMES

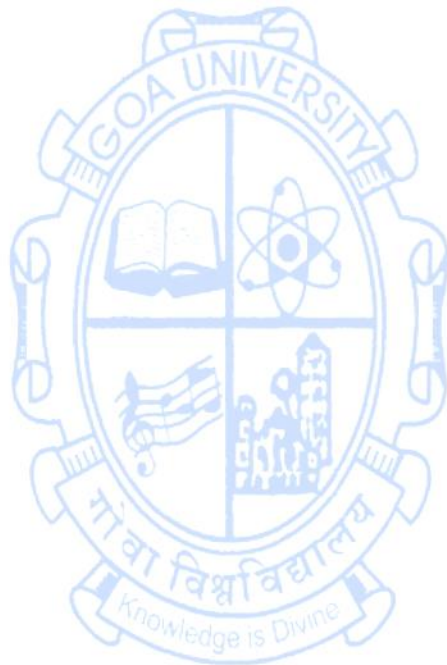
- The ***Fashion and apparel design degree course*** gives you a strong sense to think and forecast.
- The ***BSc. Honors in fashion and apparel design*** makes you understand, format, and deliver from a concept to a consumer.
- The subjects in fashion design help you to achieve the technical skills to analyze and execute a design.
- The ***BSc. fashion technology*** helps you develop professional practice in time with the industry.

Semester I

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:	<ol style="list-style-type: none"> 1. To Introduce drawing as a foundation skill. 2. To explore and develop one’s ability to think and draw. 3. To be able to use drawing media effectively. 4. To understand the value of seeing. 5. To understand the light and shadow effect on the object 	
Content:	Unit 1 Lines, Shapes - Understanding of different grades of pencils, and different kinds of paper (bond sheet, ivory sheet, cartridge sheets). Types of lines and expression through lines. Shapes - Understanding of lines into shapes and forms.	15 Hours
	Unit 2 Art media and application - pencils, color pencils, watercolors, fabric colors, markers, acrylic colors.	15 Hours
	Unit 3 Perspective and its uses, Grid techniques of rendering. Understanding different kinds of drapes.	15 Hours
	Unit 4 Exploration of different grades of pencils, lines, shapes and forms. Different objects to be presented in 2D with proper measurement and proportion, and tonal rendering. Perspective and its uses, Grid techniques of rendering. Exploration of different art media and techniques of usage. Types of drapes. Study of quick sketches & Live poses.	30 Hours
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ol style="list-style-type: none"> 1. Civardi, Giovanni. Drawing Human Anatomy. Cassell Illustrated, 1998 2. Civardi, Giovanni. Drawing: A Complete Guide (Art of Drawing). Sea, 2010. 3. Civardi, Giovanni. Art of Drawing: Drawing Hands & Feet: Form, Proportions, Gestures and Actions. Search Press, 2005. 4. Civardi, Giovanni. Art of Drawing: Drawing Portraits: Faces and Figures. Search Press, 2002. 5. Yanconsky, Liron. How to Draw Folds and Clothes: For the Extreme Beginner. 6. Massen, Michael. The Artist's Guide to Drawing the Clothed Figure: A Complete Resource on Rendering Clothing and Drapery. Watson-Guptill, 2011. 	

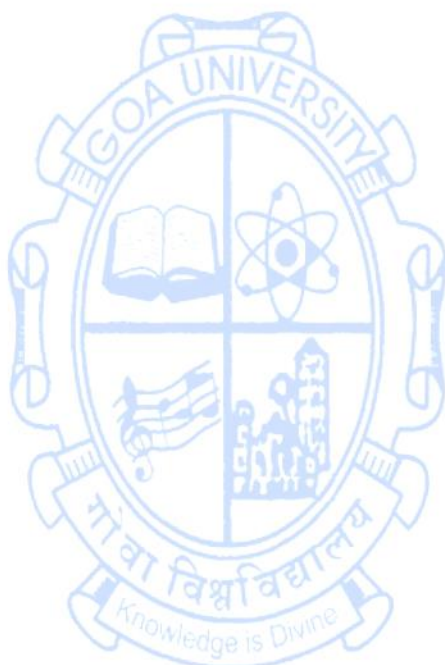
Course Outcomes:	<ol style="list-style-type: none">1. Understanding how to effectively use drawing media.2. Improved eye-hand coordination.3. Understanding of scale, proportion, lighting, drapes, and perspectives.4. Improves one's thinking power and drawing skills.
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Name 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:	1. To introduce the students to fashion terminologies. 2. To understand the principles and elements of design. 3. 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. Knowledge of the customer - Consumer groups, customer profile, price, gender, location.	15 Hours
	Unit 2 Designing a successful garment (elements & principles) Silhouette, line color, texture, pattern. Design principles, - proportions, Balance, Emphasis, Unity, Rhythm. Fashion Forecasting. Importance of Trims & Findings - their types and usage. Types of collars, necklines, sleeves, pockets (exercise based).	15 Hours
	Unit 3 Women's wear – different categories. Men's wear - different categories. Children wear different categories.	15 Hours
	Unit 4 (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.	15 Hours
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	1. Tate, Sharon Lee. Inside Fashion Design. 1st Edition, Canfield Press, 1977. 2. Faerm, Steven. Fashion Design Course: Principles, Practice, and Techniques: The Practical Guide for Aspiring Fashion Designers. 2nd Edition, B.E.S. Publishing, 2017. 3. Fashionary. Fashionpedia - The Visual Dictionary of Fashion Design. Fashionary, 2016. 4. Fashion Illustration & Design: Methods & Techniques for Achieving Professional Results. Promopress, 2017. 5. Brambatti, Manuela. Fashion Illustration & Design: Methods & Techniques for Achieving Professional Results. Promopress, 2017.	

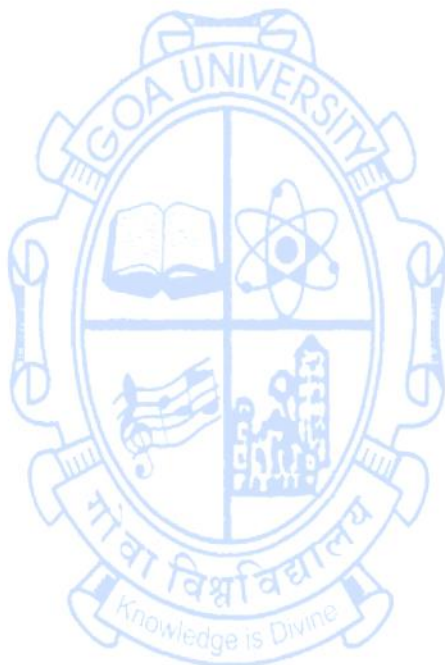
	6. Frings, Gini Stephens. Fashion: From Concept to Consumer. 9th Edition, Pearson, 2007.
Course Outcomes:	<ol style="list-style-type: none"> 1. Understanding the categories of fashion and markets. 2. Basics/ Fundamentals of Fashion. 3. Industry Awareness. 4. Various parts of the garments and their usage.



Name of the Programme : B Sc. Fashion and Apparel Design
Course Code : FAD 131
Title of the Course : General Textiles (Theory)
Number of Credits : 03
Effective from AY : 2023-24

Prerequisites for the course	Nil	
Course Objectives	1. To understand different types of fibre, yarns, and fabrics. 2. To study the process of developing fabrics and Indian textiles. 3. To introduce students to various dyes, dyeing, and printing techniques.	
	Unit 1 Introduction to textile fibers: Cellulose, Regenerated Cellulose, and Synthetic fibres - Definition, Sources, Classification, and Applications of textile fibres. Introduction to Yarn Technology: Manufacturing process, classifications, and end uses. textured Yarn, blended yarns, fancy yarns, and sewing threads.	15 Hours
	Unit 2 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. Dyeing: Introduction to dyeing, Principles of dyeing, Methods of dyeing (dope, fiber, yarn, fabric, and garment) classification of dyes, and application.	15 Hours
Content	Unit 3 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. 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.	15 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings	1. Gohl, E.P.G., and Velensky, L.D. "Textile Science." CBS Publishers and Distributors, 2003. 2. Hall, A.J. "The Standard Handbook of Textiles." 8th edition, Woodhead Publishing, 2004. 3. Gordon Cook, J. "Handbook of Textile Fibres, Vol. II Man-Made Fibers." Woodhead Publishing, 1984. 4. Corbman, Bernard P. "Textiles Fiber to Fabric." 6th edition, McGrawhill Publications, 1983. 5. Murphy, W.S. "Handbook of Weaving." Abhishek Publications, 2007. 6. Murphy, W.S. "Textile Weaving & Design." Abhishek Publications, 2003.	

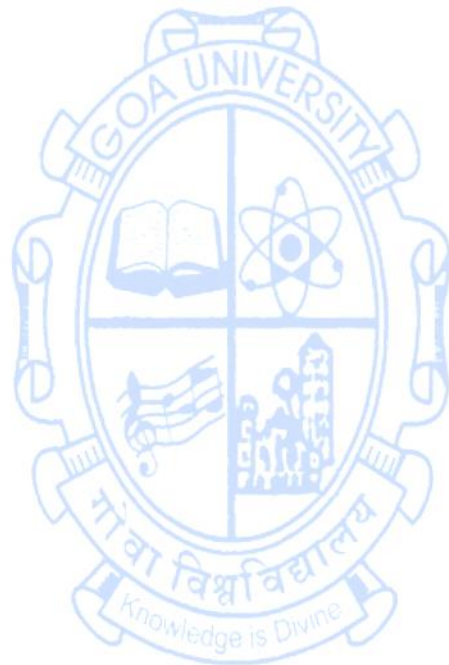
	<p>7. Broughton, Kate. "Textiles Dyeing." Rockport Publishers, 1996.</p> <p>8. Murphy, W.D. "Textile Finishing." Abhishek Publications, 2000.</p>
Course Outcomes	<p>1. To Understand the fibre extraction and yarn manufacturing process.</p> <p>2. Understanding of the process of developing a fabric.</p> <p>3. To gain knowledge of textiles from various parts of the country.</p> <p>4. Understanding of the relevance of dyeing and printing techniques and their applications.</p>



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 : 03
Effective from AY : 2023-24

Pre-requisites for the Course:	Nil	
Course Objectives:	1. To introduce the students to the tools & basics of Pattern Making. 2. To introduce students to the functioning, care, and maintenance of a sewing machine. 3. To introduce students to basic garment construction techniques.	
Content:	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) Threading the Single needle machine, loading bobbin and bobbin case, fixing sewing problems.	30 Hours
	Unit 2 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 3 Different techniques of finishing the neckline and armholes using facings, decorative facings, pipings, and bias bindings. Introduction to body proportions and standard measurement chart. Different plackets, pockets, zippers, gathers, tucks, darts, yokes, and Decorative fasteners, (folio).	30 Hours
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	1. Joseph-Armstrong, Helen. Pattern Making for Fashion Design. HJA, 2009. 2. Crawford, Connie Amaden. The Art of Fashion Draping. CAC, 2004. 3. Cooklin, Gerry. Introduction to Clothing Manufacture. Blackwell Science, UK, 1991. 4. Carr, Harold, and Latham, Barbara. The Technology of Clothing Manufacture. Oxford Pub., USA, 1994.	
Course Outcomes:	1. Developed skills will help students to use basic patternmaking techniques to create basic garments. 2. students will be able to apply pattern-making principles to create design variations and construct garments.	

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| | <ol style="list-style-type: none">3. students will gain an understanding of different garment components and their constructions.4. students will be able to construct complete garments. |
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Semester II

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 (3+1)
Effective from AY : 2023-24

Prerequisites for the course	Nil	
Course Objectives	<ol 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. 	
	<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). Stage 2 - Research Search/look for information that can be fed into the creative process at the ideate stage. Primary, Secondary & Tertiary research.</p>	15 Hours
	<p>Unit 2 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. 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 Hours
	<p>Unit 3 Stage 5 - Select Choose one of the proposed design solutions for development. Stage 6 - Implement Entail details are to be put into effect resulting in a client that is happy with the final product. Stage 7 - Learn Note key Learnings from all the steps throughout the design</p>	15 Hours

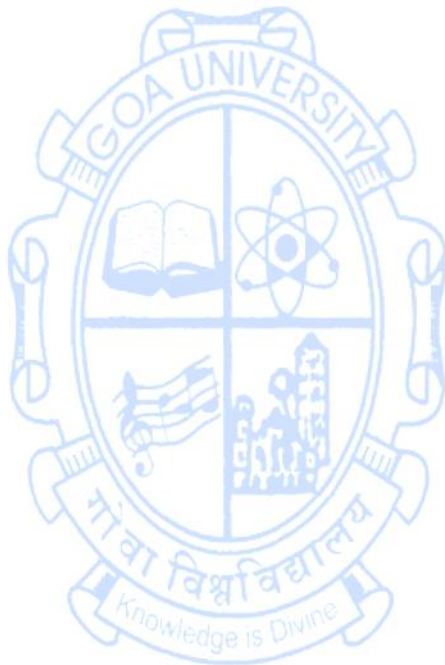
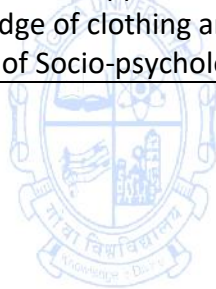
	process.	
	<p>Unit 4</p> <p>Utilizing the seven-stage design process to create a product:</p> <p>Defining a problem.</p> <p>Research and collection of data.</p> <p>Idea generation methods and application.</p> <p>Prototyping and implementation (through drawings or physical application)</p> <p>Conceptualization process- basic conceptualization from an idea, Research & Journal making, forming an inspiration or final concept, client and market brief, trend study.</p>	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings	<ol style="list-style-type: none"> 1. Ambrose, Gavin and Harris, Paul. Design Thinking. Bloomsbury, 2009. 2. Dieffenbacher, Fiona. Fashion Thinking. Bloomsbury, 2013. 	
Course Outcomes	<ol style="list-style-type: none"> 1. Understanding of the design thinking process. 2. To have the capability to convert an idea into a product. 3. Be successful in design thinking using various tools of visualization & ideation. 4. 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
Number of Credits : 04
Effective from AY : 2023-24

Prerequisites for the course	Nil	
Course Objectives	1. To understand the evolution of fashion. 2. To create awareness about clothing culture. 3. Impart knowledge of clothing communication & fashion expression.	
	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	15 Hours
	Unit 2 Influence of Individual dress, personal communication, expression, psychological & sociological influence on clothing through the study of the Late 15 th -16 th Century -Renaissances period, 17 th Century -Baroque period 18 th Century- Rococo 19 th Century - The birth of Dandy	15 Hours
	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). Industrial revolution Corset culture, 20 th -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	15 Hours
	Unit 4 Gender equality through clothing, the sexual revolution & emergence of different types of costumes and cultures during the late 20 th 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 21 st Century - Emergence of a new age in fashion.	15 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	

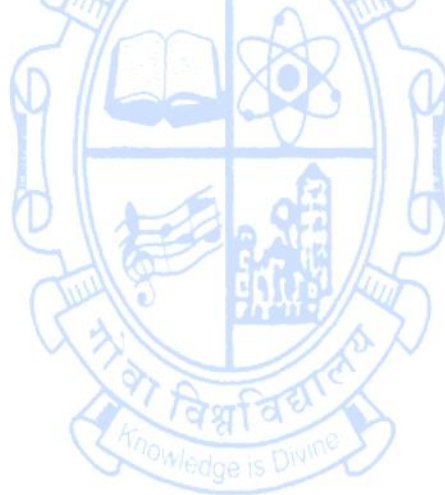
References/ Readings	<ol style="list-style-type: none"> 1. Laver, James. Costume and Fashion. Thames & Hudson, 2002. 2. Boucher, Francois. 20,000 Years of Fashion. Harry N Abrams, 1987. 3. Kohler, Carl. History of Fashion. Dover Publication, 2012. 4. Cosgrave, Bronwyn. The Complete History of Costumes and Fashion. Facts on File Publisher, 2001.
Course Outcomes	<ol style="list-style-type: none"> 1. Understand the evolution of clothing. 2. Developing a sense of appreciation for the historic costume. 3. To gain knowledge of clothing and a communicative message. 4. 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 : 03
Effective from AY : 2023-24

Pre-requisites for the Course:	Nil	
Course Objectives:	<ol style="list-style-type: none"> 1. Understand how to develop an extra efficient supply chain to improve profitability. 2. Develop an understanding of supply chain management's major difficulties and trends. 3. Analyse how to make use of logistics when you're making decisions. 	
	<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. Distribution and transportation: distribution channel and its functions, types of distribution channel, factors influencing distribution, modes of transportation, transport decisions.</p>	15 Hours
	<p>Unit 2 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. 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. 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>	15 Hours
Content:	<p>Unit 3 Customer service strategy: identification of service needs, measuring service levels in supply chains, customer satisfaction/ value/ profitability/ differential advantage, measurement of supply chain performance. Supply chain risk profile: vulnerability in supply chains, understanding the supply chain risk profile, managing supply chain risk, achieving supply chain resilience.</p>	15 Hours

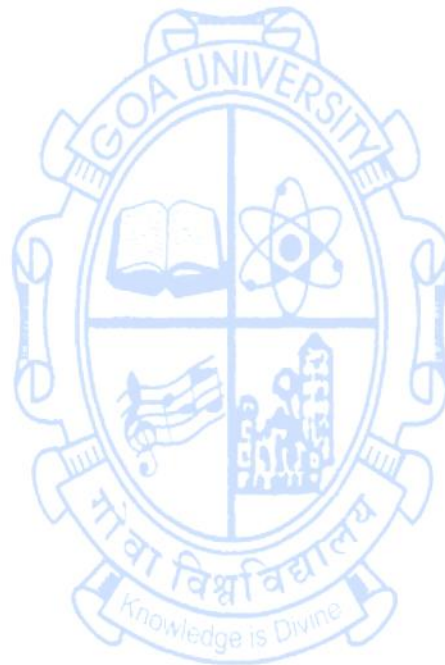
	<p>Supply chain barriers and integration: creating the logistics vision, problems with conventional organizations, developing the logistics organization, logistics as the vehicle for change, benchmarking.</p> <p>Supply chain management in Apparel Industry.</p>	
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ol style="list-style-type: none"> 1. Chopra, Sunil and Meindl, Peter. Supply Chain Management. Pearson. 2013. 2. Ayers, James B. Handbook of Supply Chain Management. Auerbach Publications. 2006. 3. Simchi-Levi, Edith, et al. Designing and Managing the Supply Chain: Concepts, Strategies, and Case Studies. Singapore, McGraw-Hill/ Irwin, 2008. 	
Course Outcomes:	<ol style="list-style-type: none"> 1. Develop a sound understanding of the Supply chain in the garment industry. 2. Apply tools of supply chain management in inventory management. 3. Assess the use and development of information technology in supply chain management. 4. 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	Nil	
Course Objectives	1. To Introduce Colors as a Foundation Skill. 2. To understand the ancient style of clothing, color medium, and color psychology. 3. 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	30 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) Study of arms & hands, Hand movements, legs, and feet movement. Accessories and Footwear	30 Hours
	Unit 3 Torso Movement, understanding the movement of the body. Facial Features - eyes, nose, lips. Final Project & Presentation.	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	1. Civardi, Giovanni. Drawing Human Anatomy. Cassell Illustrated Publisher, 1998. 2. Civardi, Giovanni. Drawing: A Complete Guide (Art of Drawing). Search Press, 2010. 3. Civardi, Giovanni. Art of Drawing: Drawing Hands & Feet: Form, Proportions, Gestures and Actions. Search Press, 2005. 4. Civardi, Giovanni. Art of Drawing: Drawing Portraits: Faces and Figures. Search Press, 2002. 5. Yanconsky, Liron. How to Draw Folds and Clothes: For the Extreme Beginner. 2014. 6. Massen, Michael. The Artist's Guide to Drawing the Clothed Figure: A Complete Resource on Rendering Clothing and Drapery. Watson-Guption, 2011.	
Courses Outcomes	1. Enable the students to create effective and interesting visual expressions.	

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| | <ol style="list-style-type: none">2. Learn how to draw a fashion figure and create garment designs for the same.3. Develop an approach towards ideation.4. Enhance rendering skills and learn detailed garment rendering.5. Understand how to draw different facial features. |
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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 (1+3)
Effective from AY : 2023-24

Pre-requisites for the Course:	Nil	
Course Objectives:	<ol 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 	
	Unit 1 Introduction to dyeing, definition, and terminologies. Classification, Principles and Mechanism of dyeing, Methods of dyeing- Fibre, yarn, fabric and garments.	15 Hours
	Unit 2 Properties and application of direct, basic, acid, vat, reactive and disperse dyes on cotton, silk and polyester yarns/ fabrics.	30 Hours
	Unit 3 Garment Processing and Finishing: Importance of garment dyeing and finishings. Special finishes used for types of denim.	30 Hours
	Unit 4 Introduction to Tie and Dye Techniques, dyeing of cotton and silk yarn/ fabric and Batik techniques.	30 Hours
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study/ Hands-on	
References/ Readings:	<ol 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:	<ol 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. 	

SEMESTER III

Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 200
Title of the Course : Pattern-Making Techniques and Garment Manufacturing Techniques – I (Practical)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD – 141 Basics of PMT & GMT	
Course Objectives:	<ol style="list-style-type: none"> 1. Understand the fundamentals of basic patterns in both commercial and custom-made contexts. 2. Learn the process of preparing basic blocks for children's garments, including front, back, sleeve blocks and Develop expertise in pattern alterations for children's wear. 3. Develop an understanding of the design and construction of gathered dresses with straight or U-shaped yokes along with collars. 4. Understand the construction techniques specific to girls' umbrella skirts, gathered skirts with hip yokes, and shorts. 	
Content:	 <p>Unit 1</p> <ul style="list-style-type: none"> • Introduction to basic patterns - commercial and custom-made patterns. • Understanding measurements, proportions, and concepts in pattern drafting. • Exploration of commercial patterns used in mass production. • Understanding standardized sizing and industry conventions. • Interpretation of commercial pattern instructions. • Techniques for taking accurate body measurements. • Understanding body shapes and translating measurements into personalized pattern drafts. 	30 Hours
	<p>Unit 2</p> <ul style="list-style-type: none"> • Pattern preparation for children's foundation blocks - front, back, and sleeve. • Preparation of muslin basic blocks, test fitting, front, back, and sleeve block, and pattern alterations. 	30 Hours
	<p>Unit 3</p> <ul style="list-style-type: none"> • Children's dress block - dress with yoke and collars. • Introduction to designing children's dresses with yokes and collars. • Understanding the importance of age-appropriate and comfortable designs. • Considering comfort, durability, and washability for children's garments. • Introduction to basic pattern drafting for children's dresses with a straight/U-shaped yoke. 	30 Hours

	<ul style="list-style-type: none"> Exploring different collar styles suitable for children's dresses 	
	Unit 4 <ul style="list-style-type: none"> Skirts and shorts. Girls' umbrella skirt, gathered skirt with hip yoke, and shorts/ divided skirt. 	30 Hours
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ol style="list-style-type: none"> Selma Rosen (1983). Children's Clothing: Designing, Selecting Fabrics, Patternmaking, Sewing. Winifred Aldrich. (1999). Metric Pattern Cutting for Children's Wear and Babywear: Wiley-Blackwell. Joseph-Armstrong, H. (HJA). (2009). <i>Patternmaking for Fashion Design</i>: Pearson. Yuki Araki. (2014). Sew Sweet Handmade Clothes for Girls: Tuttle Shokai Inc. 	
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> Demonstrate a comprehensive understanding of basic patterns in both commercial and custom-made contexts. Proficiently prepare basic blocks for children's garments and conduct accurate test fittings. Generate patterns for various styles of skirts, including girls' umbrella skirts and gathered skirts with hip yokes. Showcase practical skills in garment construction and pattern preparation through hands-on projects and assessments. 	

Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 201
Title of the Course : Fibre and Yarn Science (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

Pre-requisites for the Course:	Nil	
Course Objectives:	<ol style="list-style-type: none"> 1. To understand basic knowledge of different natural and man-made fibers and yarns. 2. To identify the different fibers using physical and chemical methods. 3. To get acquainted with yarn manufacturing techniques, yarn texturization, and Geometrical properties of yarn. 4. To identify the different yarns using physical methods. 	
Content:	<p>Unit - 1 Introduction to textile fibers - Sources, Classification, and properties and end uses. Cellulose fibers - Cotton, flax, kapok, hemp, and ramie - Properties and end uses. Protein fibers - Silk and Wool Properties and end uses. Regenerated cellulose fibers - Viscose Rayon, Acetate Rayon, Tencel, Modal, Bamboo, Lyocell fiber sources, processing, properties, and end uses. Identification of fibers using different techniques. Synthetic fibers - Nylon, polyester, acrylic, modacrylic, Polyethylene, polypropylene, olefin, Elastomeric (spandex and lycra) fiber properties and end uses.</p>	15 Hours
	<p>Unit - 2 The yarn manufacturing process for short-staple fibers and different Spinning Processes (Ring and open-end yarn spinning). Manufacturing of carded, combed, folded, woolen, worsted, and silk yarn, Difference between Rotor, Ring spinning, and Air jet spinning. Yarn texturization - simple and complex yarns, Blended yarns - types and end-use. Sewing threads - types, finishes, and properties. fancy yarns - types and uses. Polymers - Polymerization, degree of Polymerization, different types of polymers (addition and condensation), characteristics of fiber forming polymers, general physical and chemical properties of fibers. Manufacturing techniques - dry, wet, and melt spinning.</p>	15 Hours
	<p>Unit - 3 Identification of cotton, silk, and wool fibres by using different physical and chemical methods. Identification of viscose rayon, polyester, and nylon fibres by using different physical and chemical methods.</p>	30 Hours

	<p>Unit - 4 Geometrical properties of yarn - Twist, count of the yarns using different yarn numbering systems. Identification of yarns by physical method - spun and filament yarns, single and ply, novelty yarns, and Sewing threads.</p>	<p>30 Hours</p>
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study/ Hands-on	
References/ Readings:	<ol style="list-style-type: none"> 1. Corbman, Bernard P.. Textiles: Fiber to Fabric. Singapore, McGraw-Hill, 1983. 2. Gohl, Erhard Paul Gottlieb, and Vilensky, Leo David. Textile Science. Cocos (Keeling) Islands, Longman Cheshire, 1983. 3. Gordon Cook, J. Handbook of Textile Fibres: Natural Fibres. United Kingdom, Elsevier Science, 1984. 4. Hall, A. J.. The Standard Handbook of Textiles. United Kingdom, National Trade Press, 8th Edition, 2004. 5. Kadolph, Sara J.. Textiles (10th Edition). United Kingdom, Pearson Prentice Hall, 2006. 6. Handbook of Textile Fibre Structure: Volume 2: Natural, Regenerated, Inorganic and Specialist Fibres. United Kingdom, Elsevier Science, 2009. 	
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Understand different natural and man-made fibers and yarns. 2. Learn the identification of different fibers using physical and chemical methods. 3. Understand yarn manufacturing techniques, yarn texturization methods, and yarn numbering system. 4. Ability to make choices while selecting fibers for purposive end products. 	

Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 211
Title of the Course : Apparel Production (Theory)
Number of Credits : 4
Effective from AY : 2023-24

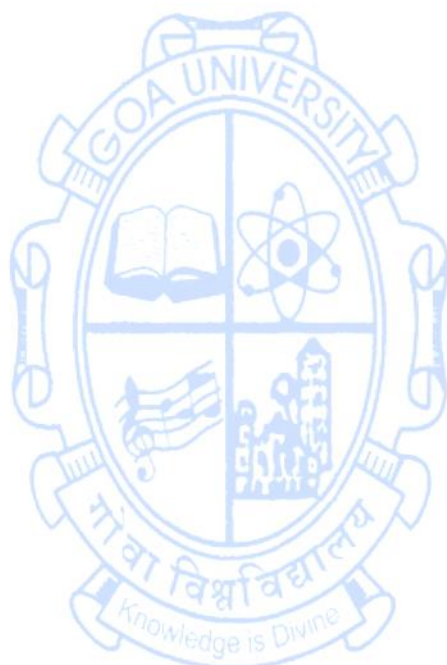
Pre-requisites for the Course:	FAD – 141 Basics of PMT & GMT	
Course Objectives:	<ol style="list-style-type: none"> 1. To understand various departments of the apparel industry. 2. To understand the process of apparel production in an industrial setup 3. To teach about methods of pattern making and marker making in apparel industries. 4. To impart learning about the choice of cutting and sewing machines for apparel production commercially. 5. To educate the principles of fusing & and pressing of garments. 	
Content	Unit 1 Introduction to Apparel production Garment industry – Merchandising, Fabric Sourcing, Sampling, Production Planning, Machine Maintenance, Inspection, Production, Quality assurance, CAD, Buying. Classification of Garments Manufactured, and devices used in the industry - measuring, drafting, cutting, sewing, and finishing.	15 Hours
	Unit 2 Fabric Spreading, Cutting, Production Planning and Control Markers - marker types, making markers, types of spreads, spreading methods. Cutting - preparing for cutting, methods of cutting, and machines used in cutting. Production Planning - Classification of Machines based on - Bed types, and machine type. Production planning, systems used in production planning. Production control and scheduling - Production samples and other types of samples used in the industry.	15 Hours
	Unit 3 Technical packs, performance measurement parameters, fabric utilization in the cutting section, and garment production system Introduction to Spec. sheet and its importance, technical design reading, Tech pack analysis & objective, creating tech pack. Cut to ship ratio, Labour cost, On-time delivery, Lead Time, and Overtime. Production Planning Soft wares for the apparel industry – Evolve by FastReact, Plan it by Gemserp, Mae by Parellax. Cut order plan, roll allocation, and fabric grouping. Performance measurement in the cutting environment.	15 Hours

	<p>Make-through production, whole garment production, assembly Line, and modular Production.</p> <p>Unit 4 Fusing, Pressing, Packaging, Flow Process Grid, and Export Procedures Interlinings, Fusing, Pressing & pressing equipment. Garment Packaging – types, materials, packaging designs, hangers, and supporting accessories. Sales tally form, BOM, purchase order, bundle ticket, shipping memo, invoice/bill, Quality control sheets, rejection memo. Introduction to export documentation, objectives, terminologies, principle documents, auxiliary documents, risk cover, insurance, ECGC, quality control and pre-shipment inspection, export credit, short, medium, long term credit, packing credit, negotiation of bills, payment procedures in export trade.</p>	15 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	<ol style="list-style-type: none"> 1. Patric Taylor J., Marti Shoben M, 'Grading for the Fashion Industry' Stanley Thomas (publishers) Ltd.1990. 2. Glock, Ruth E., and Kunz, Grace I. Apparel Manufacturing: Sewn Product Analysis. United States, Merrill, 1995. 3. Laing R. M., and Webster J., 'Stitches and seams', The Textile Institute 1998. 4. Bheda, Rajesh, and Rastogi, Parag. Managing Productivity in Apparel Industry. India, CBS Publishers & Distributors, 2006. 5. Shaeffer, Claire B. Sewing for the Apparel Industry. United Kingdom, Pearson, 2012. 6. Karthik, T., et al. Apparel Manufacturing Technology. United States, CRC Press, 2016. 	
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Understanding of different areas working cohesively to produce a batch of garments in a cyclic process - season after season. 2. Read, understand, and Execute a Tech pack used in the apparel industry. 3. Understanding of various job functions in the apparel production sector. 4. Gain knowledge on pattern-making methods and spreading types, cutting machines, sewing machines, fusing, and pressing machines. 	

Name of the Programme : B Sc. Fashion and Apparel Design
Course Code : FAD-231
Title of the Course : Fashion Styling (Theory)
Number of Credits : 3
Effective from AY : 2023-24

Pre-requisites for the Course:	Nil	
Course Objectives:	<ol style="list-style-type: none"> 1. To present an overview of fashion styling and understand the application of the same in the industry. 2. To understand how to style various garments and products and create compelling looks. 3. To know what goes into commercial and editorial styling and how they can be applied in the design industry. 	
Content:	Unit 1 Introduction to Styling: What is styling and its terminologies? Definition and History. Understanding the stages of the Styling Process. Basics of styling: Fashion Staples and Classics. Capsule Wardrobe. Figure flattery.	8 Hours
	Unit 2 Styling with appropriate accessories and props: Introduction to props and accessories. Combining the right shoes, bags, jewellery, and hats with the right clothes. Props and their application in photoshoots.	10 Hours
	Unit 3 Editorial styling: A complete rundown on what is involved in editorial styling. Majoring in monthly magazines. Who makes up the team. Sourcing, developing fashion stories, choosing the team, selecting clothes, methods used on shoots, and choice of the final image. Newspaper styling: Focuses on the differences between magazine and newspaper styling. Makeovers: What are makeovers and the best way to approach them.	15 Hours
	Unit 4 Catalogue and Commercial styling: Definition, purpose, and what goes into catalogue styling. Definition and roles of the commercial stylist. Show production: Looks at the team and the whole process of show production. From the role of the producer to that of the stylist.	12 Hours

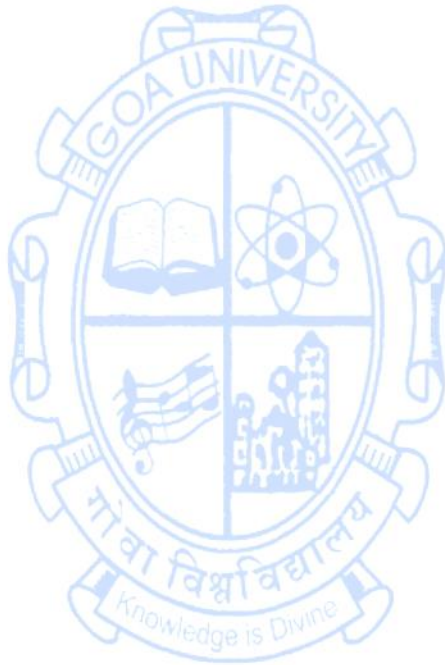
Pedagogy:	Lectures/ Tutorials/ Assignments/ Self-Study
References/ Readings:	<ol style="list-style-type: none"> 1. Little black book of Style, It Books, 2010. 2. Fashionpedia – the visual dictionary of fashion design, 2017 (Fashionary International). 3. Fashion: The Essential Visual Guide to the World of Style, by Karen Homer, Aurum Press, 2018.
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Learn how to style different garments for different markets and different themes effectively. 2. Understand the styling procedures and opportunities in the design industry. 3. Gain knowledge on how to style for various body types. 4. Learn the art of accessorizing.



Name of the Program : B. Sc. Fashion and Apparel Design
Course Code : FAD-241
Title of the Course : Basic Embroideries (Practical)
Number of Credits : 3
Effective from AY : 2023-24


Pre-requisites for the Course:	FAD – 141 Basics of PMT & GMT	
Course Objectives:	1. To familiarize the technique of basic embroideries. 2. To create awareness about the different embroideries used for surface ornamentation. 3. To get acquainted with various surface manipulation techniques.	
Content	Unit 1 Embroidery tools and materials: Sourcing of threads, hoops, frames, needles, designs, and colours. Embroidery Stitches: Backstitch, blanket stitch, chain stitch, couching, cross stitch, feather stitch, filling stitch, running stitch, and satin stitch.	15 Hours
	Unit 2 Blackwork embroidery, patterns, and motifs, Cross stitch embroidery, grid, and motifs, Pattern darning basic stitches, Pulled thread and Drawn thread work.	45 Hours
	Unit 3 Smocking - fabrics and grids, traditional smocking stitches. Ribbon work, and Cutwork and its procedure.	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study/ Hands-on	
References/ Reading	1. Barbara Snook, "Creative Art of Embroidery", Numbly Pub. Group Ltd, London, 1972. 2. Reader's Digest Complete Guide to Needlework. United Kingdom, Reader's Digest Association, 1979. 3. Paine, Sheila. Embroidered Textiles: Traditional Patterns from Five Continents: with a Worldwide Guide to Identification. United Kingdom, Thames, and Hudson, 1990. 4. Gail Lawther, Inspiration idea for embroidery on clothes and accessories, Search Press Ltd., 1993. 5. Usha Srikant: Ethnic Embroideries of India, B. N Sales CO., 2015 Edition.	
Course Outcomes	After the completion of this course, the student will be able to: 1. Identify a specific embroidery style based on colour, motifs, and layout. 2. Recognize the influencing factors for the development and evolution of a specific embroidered textile. 3. Gain hands-on experience in all different kinds of embroideries like blackwork, cross stitch, Pattern darning stitch, and Pulled thread and Drawn thread work.	

	4. Hands-on skills in different kinds of surface ornamentation techniques like smocking, cutwork, and ribbon work.
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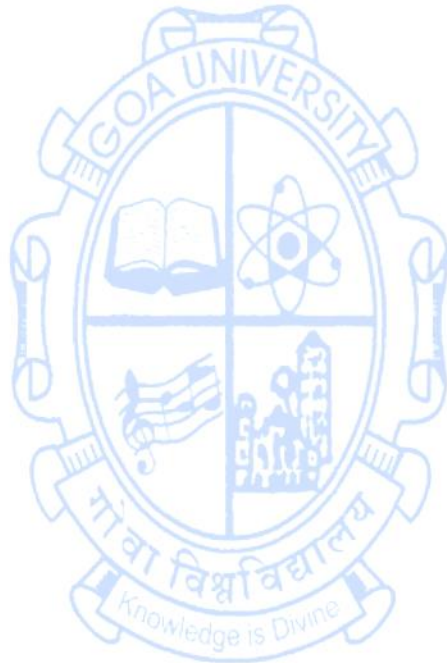


SEMESTER IV

Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 202
Title of the Course : Pattern-Making Techniques and Garment Manufacturing Techniques – II (Practical)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD – 141 Basics of PMT & GMT and FAD 200 Pattern-Making Techniques and Garment Manufacturing Techniques – I	
Course Objectives:	<ol style="list-style-type: none"> 1. Learn the process of preparing basic blocks for women's garments, including front, back, and sleeve blocks, and Develop expertise in pattern alterations for women's wear. 2. Develop an understanding of dart Manipulation, & how to create varied patterns using the standard block. 3. Understand the construction techniques of different types of collars and sleeves. 4. understand the construction techniques of Indian Garments. 	
 Content:	Unit 1 <ul style="list-style-type: none"> • Pattern preparation for women's foundation blocks front, back, and sleeve. • Preparation of muslin basic blocks, test fitting, front, back, and sleeve block, and pattern alterations. 	30 Hours
	Unit 2 <ul style="list-style-type: none"> • Dart Manipulation - shifting of darts from one location to another. Pivot and slash and spread method. • Conversion of darts to tucks, pleats, gathers, and seam lines. 	30 Hours
	Unit 3 <ul style="list-style-type: none"> • Collar attachment, Chinese collar/ shirt collar. • Sleeve variations, puff sleeve/ circular sleeve/ Bishop sleeve. 	30 Hours
	Unit 4 <ul style="list-style-type: none"> • Indian Garments, Princess panel sari blouse. • Salwar and kurta/ kurti. 	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ol style="list-style-type: none"> 1. Winifred Aldrich. (1999). Metric Pattern Cutting for Women's Wear: Wiley-Blackwell. 2. Joseph-Armstrong, H. (HJA). (2009). <i>Patternmaking for Fashion Design</i>: Pearson. 3. Antonio Donnanno (2017). Fashion Pattern making techniques: Promopress. 4. Jennifer Lynne Matthews (2018), Pattern Design Fundamentals: Fairbanks 	
Course Outcomes:	After the completion of this course, the student will be able to: <ol style="list-style-type: none"> 1. Demonstrate a comprehensive understanding of the importance of darts, and their manipulation techniques. 	

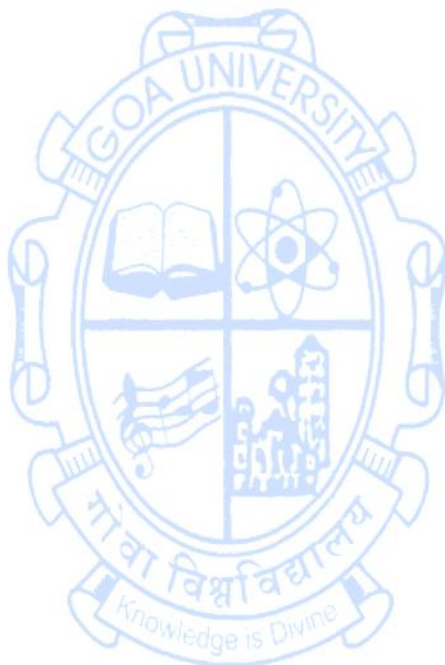
	<ol style="list-style-type: none">2. Proficiently prepare basic blocks for women's garments and conduct accurate test fittings.3. Generate patterns for various styles of sleeves & collars, & Indian Garments.4. Showcase practical skills in garment construction and pattern preparation through hands-on projects and assessments.
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Name of the Programme : B Sc. Fashion and Apparel Design
Course Code : FAD-203
Title of the Course : Fashion Illustration - I (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD - 142 Basics of Fashion Illustration	
Course Objectives:	1. To develop student's understanding of fashion and illustration around the world. 2. To help students understand and take inspiration from the prominent fashion styles in the early years. 3. Understand fashion illustration in different contexts.	
Content:	Unit 1 Introduction and history of fashion illustration: Introduction to fashion illustration and a brief history of fashion illustrations. Study of well-known fashion illustrators and their niche styles/techniques. Drapes: Different types of drapes Early and late 1900s Designers: Silhouettes and Styles from the most prominent designers that shaped history in the early and late 90s. (national & international).	15 Hours
	Unit 2 Body types: Understanding the structure of Body types – hourglass, inverted triangle, pear shape, apple shape, and lean column (rectangular). Facial features across the globe: Understanding Facial features - eyes, lips, nose, and ears.	15 Hours
	Unit 3 Portrait composition: Hairstyles, and complexions of people from places around the world. Drapes: Rendering - flow, fall, and 3-dimensional views. Ruffles, pleats, etc.	30 Hours
	Unit 4 Garment Composition: Designing and rendering garments for various occasions and styles: Corporate wear, Casual wear, summer wear, Winter wear, Athletic wear, Evening wear, and Resort wear.	30 Hours
Pedagogy:	Lectures/ Tutorials/ Assignments/ Self-Study/ Hands-on	
References/ Readings:	1. Allen and Seaman, "Fashion Drawing - The Basic Principles" B. T. Batsford, London, 1994.	

	<ol style="list-style-type: none"> 2. Nicholas, "Fashion illustrations", Thames and Hudson. London, J 1994. 3. Seamn, Julian, "Professional Fashion Illustration". B. T. Batsford, London, 1995. 4. Drake and Ireland, Patrick John, "Fashion Design Drawing and Presentation", B. T. Batsford, London, 1996. 5. Encyclopaedia of Fashion Detials - Patrick John Ireland, 2007. 6. Fashion Illustration now - Thames & Hudson, 2014.
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Facilitate fluency in the expression of fashion concepts. 2. Use illustrations to ideate. 3. Develop confidence in presenting work creatively. 4. Design for various types of people and body types.



Name of the Program : B. Sc. Fashion and Apparel Design
Course Code : FAD - 204
Title of the Course : Fabric Science and Analysis (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

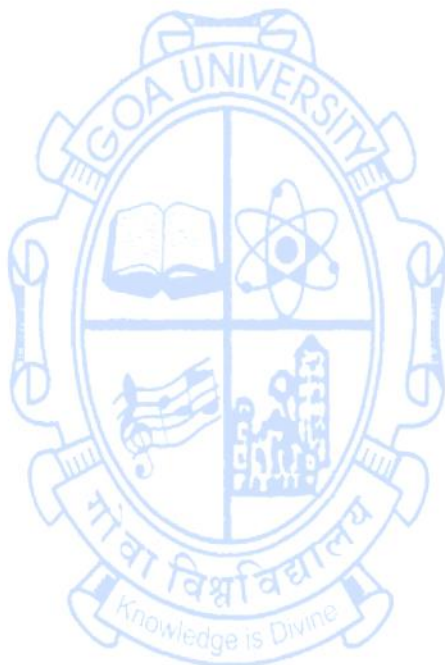
Pre-requisites for the Course:	FAD - 201 Fibre and Yarn Science	
Course Objectives:	<ol style="list-style-type: none"> 1. To gain knowledge on woven, non-woven, and knit fabrics and their properties. 2. To improve knowledge of various types of fabrics and compare derivatives of plain, twill, satin/sateen weaves. 3. Illustrate various derivatives of plain, twill, and satin/sateen weaves. 4. To gain information on knits and their types and classification. 	
Content	<p>Unit 1 Introduction on different methods of fabric formation- woven, Knitted, and non-woven fabrics, properties and end uses.</p> <p>Woven Fabric Formation - Weaving preparatory processes, different preparatory processes like Winding, Warping, Sizing and their objectives, basic principle of operation. Evolution of handloom, descriptive study of different handlooms. Study of different parts and accessories of handloom and their functions. Motions of loom. Types of looms – shuttle and shuttle-less looms and their advantages and limitations.</p> <p>Non-woven Fabric Formation - Overview of non-woven, non-woven fabric types, manufacturing techniques, and area of application.</p> <p>Characteristics of woven fabrics and their importance - count of yarn, thread density, thickness, areal density, fabric cover, porosity, elasticity, stiffness, drapability, resistance to creasing, air permeability, heat insulation, electric properties, braking strength, resistance to tear, resistance to abrasion, fabric grain, and selvages.</p>	15 Hours
	<p>Unit 2 Elementary weaves – Concept of weave, repeat, weaving plan. Methods of weave representation, classification of weaves. Concept of and characteristics, construction, salient features of Plain weave and variation (rib and Basket), Twill weave and variation (RHT, LHT, Honeycomb, and Herringbone), and Satin / Sateen weave. Fabric Design and graphical representation of the above weaves. Introduction and salient features of Crepe fabrics like georgette, chiffons, Extra threads, Warp and weft Brocade and damask, Terry pile structures, double cloth.</p> <p>Introduction to Knitting – Classification, the difference between weaving and knitting, the difference between warp and weft knitting, Basics of weft knitting, Loop diagram and properties of</p>	15 Hours

	basic weft knitted structures, knitting cycle and Modification of weft knitted structures.	
	<p>Unit 3</p> <p>Analysis and Identification of different fabrics for clothing construction and weaves like Plain, twill, Sateen, satin, etc., and finding the particulars like fabric geometrical parameters and cover factor.</p>	30 Hours
	<p>Unit 4</p> <p>Analysis of different fabrics for clothing construction and weaves like Honeycomb, herringbone mock leno, etc., and finding the particulars like fabric geometrical parameters and cover factor. Collection and portfolio preparation of 25 different commercial samples with different weaves and weights for apparel, furnishing, Household applications, and support material for garments and trims, along with brief description and cost criteria of them.</p>	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study/Hands-on	
References/ Reading	<ol style="list-style-type: none"> 1. Talavasek O and Svaty V, "Shuttleless Weaving Machine", Elsevier Scientific Publishing Co. Amsterdam, 1981. 2. Spencer D.J. _Knitting Technology' Pergamon Press, Oxford 1982. 3. Ormerod A, "Modern Preparation and Weaving Machinery", Butterworth & Co., UK, 1983. 4. Lunenschloss J and Albrecht W, "Nonwoven Bonded Fabrics", Ellis and Harwood Ltd. UK, 1985. 5. Marks R and Robinson A T C, "Principles of Weaving", Textile Institute, UK, 1986. 6. Mrstina V and Fejgal F, "Needle Punching Textile Technology", Elsevier Scientific Publishing Co. Amsterdam, 1990. 7. Gulrajani M L, "Book of Papers of International Conference on Nonwoven", The Textile Institute, UK, 1992. 8. N. Gokarneshan – Fabric structure and Design, New age international publishers, 2001. 9. Murphy, W.S. —Textile weaving & Design Abhishek publication, 2003. 10. Murphy, W.S. —Handbook of weaving Abhishek publication., 2007. 	
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Describe the characterization and properties of woven and non-woven fabrics. 2. Identify suitable production methods and structures for nonwoven based on the properties of the material. 3. Classify various types of fabrics and compare derivatives of plain, twill, satin/sateen weaves. 4. Illustrate various derivatives of twill, LHT, RHT, honeycomb, and herringbone weaves. 5. Describe and explain knits and their classification, warp and weft knits. 	

Name of the Programme : B. Sc. Fashion & Apparel Design
Course Code : FAD-205
Title of the Course : Computer-Aided Design - I (Practical)
Number of Credits : 2
Effective from AY : 2023- 2024

Pre-requisites for the Course:	FAD 100 Foundation Art, FAD 101 Fashion Thinking and Design Process, and FAD 142 Basics of Fashion Illustration	
Course Objectives:	1. To help students to understand the fundamentals and principles of CAD. 2. To provide students with the knowledge of CAD and its application. 3. To provide students the knowledge of raster and vector applications.	
Content	UNIT 1 - Introduction – Image editing tools in detail, enhancing images, Masking, transforms, and working with layers. Merging and blending layers, and text effects. Working with Images and rendering - Basic garment rendering with effects using an appropriate software for Gradient, solid color, and pattern creation. Making collages and applying Filters. Create an image Manipulation. Design Boards - Create Mood/ Inspiration, client/customer, color, and Texture boards using software.	30 Hours
	UNIT 2 – Illustrating Software Introduction - Learning Basic Tools. Basic shapes, transformations, Duplicates, Cloning. Apply Fill, Outline, Special Effects, Shape objects, and create custom shapes using basic shapes and other drawing tools. Working with text, effects, shaping objects with tools, splitting and erasing portions of objects. Motifs development – Symmetrical/Asymmetrical, balanced / Unbalanced, Repeat – ½ drop, ¼ drop, ¾ drop – H/V. Drop reverse, Design placements on borders, pallu. and all-over. Brand Identity and Collateral - Logo Designing, Creating Tags and Labels – Main label, Size label, Wash Care and Content label using Illustrator. Create an advertising brochure.	30 Hours
Pedagogy	Tutorials/ Assignments/ Self-Study/ Hands-on/ Demonstration.	
References/ Reading	1. Krause, Jim. Color for Designers: Ninety-five Things You Need to Know When Choosing and Using Colors for Layouts and Illustrations. United Kingdom, Pearson Education, 2014. 2. Rhyne, Theresa-Marie. Applying Color Theory to Digital Media and Visualization. United States, CRC Press, 2016. 3. Holtzschue, Linda. Understanding Color: An Introduction for Designers. United Kingdom, Wiley, 2017. 4. Chavez, Conrad. Adobe Photoshop Classroom in a Book (2023 Release). United Kingdom, Pearson Education, 2022. 5. Wood, Brian. Adobe Illustrator Classroom in a Book (2023 Release). United Kingdom, Pearson Education, 2022.	

Course Outcomes	After the completion of this course, the student will be able to: <ol style="list-style-type: none">1. Successful Application of the fundamentals and principles of CAD.2. Empower students with the knowledge of CAD and their applications so they can execute their ideas creatively through CAD.3. Successful design board knowledge and implementation of CAD.4. Knowledge of raster and vector applications and their differences.
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Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD-221
Title of the Course : Traditional Textiles and Embroideries of India (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD - 241 Basic Embroideries	
Course Objectives:	<ol style="list-style-type: none"> 1. To use traditional textiles to create clothing and lifestyle products. 2. To have an overview of the various processes involved in the development of traditional textiles. 3. To familiarize the technique of identification of regional embroideries developed by different communities. 4. To create awareness about the different embroidered textiles of India and their evolution over a period. 5. To get acquainted with various surface ornamentation. 	
Content	Unit 1 Introduction to traditional textile art - An overview of the influence of religion, art, trade, royalty, and culture in Indian textiles. Symbolic motifs - Paisley, creeping vine, lotus, tree of life, fish, tortoise, elephant, conch, peepal leaf, protective elements, temple motif, lion, goose, peacock, swan, geometric motifs, God and Goddesses.	15 Hours
	Unit 2 Traditional textiles of India - Arni, Banaras, Baluchuri, Beharampur, Chanderi, Dacca muslins, Guledgudda, Gadwal Silk, Himru and Amru, Ikkal, Kunbi, Kanjivaram, Kumbakonam, Kota, Mashrus, Maheshwari, Mysore, Pochampalli, Panipat, Suhalkuchi, santhipur, and Tanchoi. Traditional and Tribal Indian embroidery - Brief history, Material, motifs, colour, stitches, significances, technique, the relevance. Knitting and Crochet - Introduction, tools, material, techniques. Surface manipulation - Introduction, tools, material, and techniques.	15 Hours
	Unit 3 Traditional and Tribal Indian embroidery - Kutch, Kathiwar, Sindh, Pulkari, Kantha, Kasuthi, Chamba rumal, gold and silver embroidery, Zardosi, Chikankari, Kashida, Manipuri and Lambadi with their traditional influence.	30 Hours
	Unit 4 Surface manipulation techniques - Applique, Patchwork, Quilting, Aari work, Zardhosi. Knitting and Crochet techniques - practices of types of hand knitting (knit, pearl, garter, stocking, and rib) and single and double crochet.	30 Hours

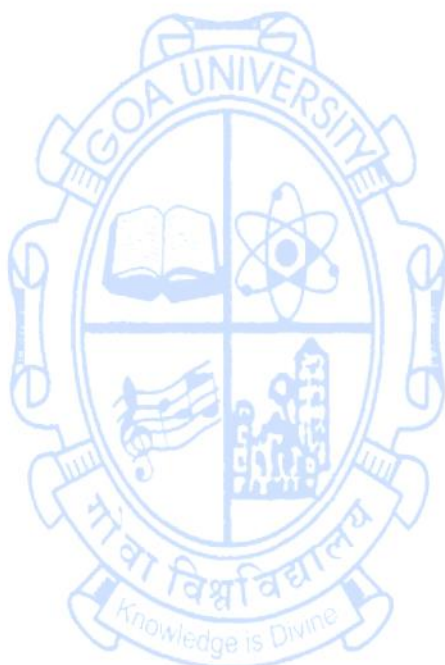
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study/Hands-on
References/ Reading	<ol style="list-style-type: none"> 1. Barbara Snook, "Creative Art of Embroidery", Numbly Pub. Group Ltd, London, 1972. 2. Reader's Digest Complete Guide to Needlework. United Kingdom, Reader's Digest Association, 1979. 3. Anne Mathew, "Vogue Dictionary of Crochet Stitches", David & Charles, London, 1989. 4. Paine, Sheila. Embroidered Textiles: Traditional Patterns from Five Continents: with a Worldwide Guide to Identification. United Kingdom, Thames, and Hudson, 1990. 5. Gail Lawther, Inspiration idea for embroidery on clothes and accessories, Search Press Ltd., 1993. 6. Naik, Shailaja D. Traditional Embroideries of India. India, A.P.H. Publishing Corporation, 1996. 7. Usha Srikant: Ethnic Embroideries of India, B. N Sales CO., 2015 Edition.
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Have an overview of the different traditional textiles and their significance in various regions. 2. Understanding traditional textiles with a sense of appreciation for their roots. 3. Identify a specific embroidery style of India based on colour, motifs, and layout. 4. Recognize the influencing factors for the development and evolution of a specific embroidered textile. 5. Gain hands-on experience in all kinds of traditional and tribal embroideries and different kinds of surface ornamentation techniques.

Exit Course

Name of the Program : B. Sc. Fashion and Apparel Design
Course Code : FAD - 261
Title of the Course : Basics of Printing (Theory + Practical)
Number of Credits : 4 (1+3)
Effective from AY : 2023-24

Pre-requisites for the Course:	Nil	
Course Objectives:	<ol style="list-style-type: none"> To introduce the various techniques of printing for value addition. To familiarize the techniques of hand block, screen, and batik printing. To understand the origin of technique and design concerning block printed textiles. To create awareness about the different printed textiles of India. 	
Content	Unit 1 Introduction to Printing, techniques, and end uses. Styles of printing - direct, resist, discharge, and transfer. Methods of printing - block, screen, stencil, spray, roller, and digital printing. Different printed textiles of India. Various types of printing such as raised, burn-out, flock, capsule, and foam printing. Roller and digital printing, printing technique and their function. Printing of synthetic and their blends (Polyester - Cotton, Nylon, Acrylic and Polyester). Finishing treatments of dyed and printed goods like washing, steaming, and drying.	15 Hours
	Unit 2 Hands-on: Printing of fabric using spray, stencil, screen, and block printing techniques. Hands-on: Printing of cotton fabric by batik printing technique.	30 Hours
	Unit 3 Testing of fabric on various fastnesses like washing, rubbing, perspiration, and light fastness. Hands-on: Testing of fabric for washing, and light fastness.	30 Hours
	Unit 4 Natural dyes - sources of natural dye - use of mordants and their application in the printing of cotton and silk textiles. Hands-on: Printing of cotton fabric natural sources of pigments. Product Development using any kind of Printing Technique.	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	<ol style="list-style-type: none"> Warford, H. S. Design for Print Production: The Interaction Between Design, Planning and Production of Print. United States, Hastings House, 1972. R. Krishnamoorthi Silk Screen Printing Print India Journal, Delhi, 2004. Surjeet Gupta Printing Today Print India Journal, Delhi, 2004 Surjeet Gupta A Guide to Printing Inks Print India Journal, Delhi, 2004. The Chemistry of Synthetic Dyes V8. United Kingdom, Elsevier Science, 2012. 	

<p>Course Outcomes</p>	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Learn methods of printing and role and types of printing thickener. 2. Identify specific block printed textiles of India based on technique, colour, motifs, and layout. 3. Methods of printing and role and types of printing thickeners. 4. Classification of finishing and various types of finishing methods.
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SEMESTER V

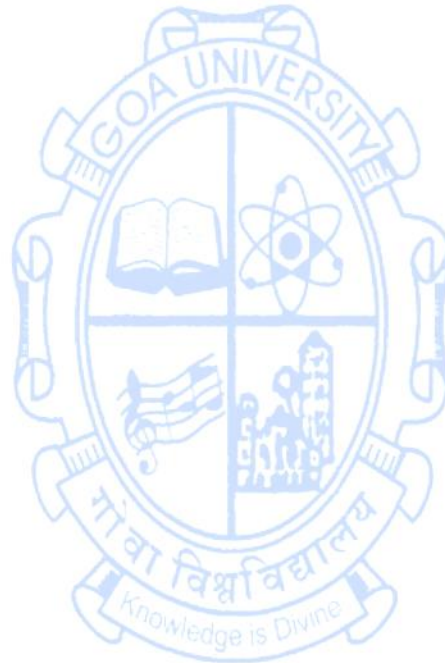
Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD-300
Title of the Course : Pattern-Making Techniques and Garment Manufacturing Techniques – III (Practical)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD 141 Basics of PMT & GMT, FAD 200 PMT & GMT - I and FAD 202 PMT & GMT - II	
Course Objectives:	<ol style="list-style-type: none"> Learn the process of preparing basic blocks for men's garments, including front, back, sleeve blocks and Develop expertise in pattern alterations for men's western wear. Learn the process of preparing basic blocks for men's garments, including front, back, sleeve blocks and Develop expertise in pattern alterations for men's Indian wear. understand the construction techniques of Men's Garments. 	
Content:	Unit 1 <ul style="list-style-type: none"> Pattern preparation for Men's foundation shirt blocks front, back, and sleeve. Preparation of muslin basic blocks, test fitting, front, back, and sleeve block, and pattern alterations. 	30 Hours
	Unit 2 <ul style="list-style-type: none"> Pattern preparation for Men's foundation trouser block Preparation of muslin basic blocks, test fitting 	30 Hours
	Unit 3 <ul style="list-style-type: none"> Pattern preparation for Men's Kurta foundation with Nehru collar, & Kurta pocket. Preparation of muslin blocks, test fitting 	30 Hours
	Unit 4 <ul style="list-style-type: none"> Pattern preparation for Men's Pyjama Foundation. 	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ol style="list-style-type: none"> Winifred Aldrich. (1999). Metric Pattern Cutting for Men's Wear: Wiley-Blackwell. Alam Pervez Khan (2006). Men's Wear Pattern making: Om Books. Joseph-Armstrong, H. (HJA). (2009). <i>Patternmaking for Fashion Design</i>: Pearson. 	
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> Demonstrate a comprehensive understanding of men's wear. Proficiently prepare basic blocks for men's western garments and conduct accurate test fittings. Proficiently prepare basic blocks for men's Indian garments and conduct accurate test fittings. Showcase practical skills in garment construction and pattern preparation through hands-on projects and assessments. 	

Name of the Programme : B Sc. Fashion and Apparel Design
Course Code : FAD-301
Title of the Course : Fashion Illustration - II (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD – 142 Basics of Fashion Illustration, and FAD – 203 Fashion Illustration - I	
Course Objectives:	1. To develop students' advanced rendering and detailing skills. 2. To look at illustration in different contexts and for different genders and age groups. 3. To help students develop an individualistic illustration style.	
Content:	Unit 1 Collection boards: Understanding the different types of boards – story, client, mood, inspiration, fabric.	15 Hours
	Unit 2 Advanced techniques for illustration: Understanding 3-Dimensional rendering of fabrics, garments and accessories. Thematic Composition: Grouping of figures and group composition.	15 Hours
	Unit 3 Men's wear: Introduction to men's 10-head croquis, Ball and stick, side view, back view. Fleshing out and rendering of men's croquis. Garment rendering. Kid's wear: Kids croquis - Infant, Toddler, Young child, Teenager. Designing for various age groups.	30 Hours
	Unit 4 Advanced techniques for illustration: 3-Dimensional rendering of garments and accessories on a fashion figure with proper usage of shadows, light, textures, prints and rendering techniques Stylized illustration: Stylized illustration techniques and identifying an independent/ individualistic style of illustration.	30 Hours
Pedagogy:	Lectures/ Tutorials/ Assignments/ Self-Study/ Hands-on	
References/ Readings:	1. Illustrating Fashion – Steven Stieplemean (Bloomsbury) 2000. 2. Encyclopedia of Fashion Details - Patrick John Ireland, Batsford Ltd. 2008. 3. Fashion Drawing – John Hopkins (Bloomsbury) 2009. 4. Fashionpedia- the visual dictionary of fashion design (Fashionary), 2011. 5. 9 Heads - By Nancy Riegelman, Thames & Hudson, 2012.	

Course Outcomes:	After the completion of this course, the student will be able to: 1. Facilitate fluency in the expression of fashion concepts. 2. Develop an individualistic illustration style. 3. Understand and design men's and children's wear. 4. Develop confidence in presenting work creatively. 5. Use illustrations to ideate.
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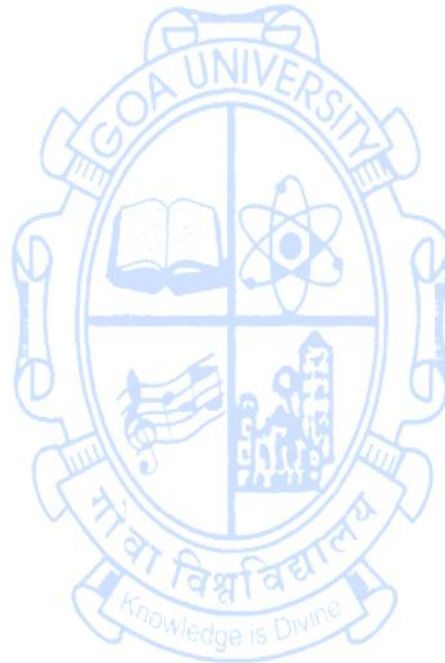


Name of the Program : B. Sc. Fashion and Apparel Design
Course Code : FAD - 302
Title of the Course : Fashion Merchandizing (Theory)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD 211 Apparel Production	
Course Objectives:	<ol style="list-style-type: none"> 1. To understand the supply chain management, and product life cycle management in garment industries. 2. The types of products manufactured and the supply chain that leads manufacturing of an apparel line. 3. Understand the pre-production, production, and post-production stages. 4. Rules and regulations affecting the apparel industry in terms of imports and exports. 	
Content	<p>Unit 1 Introduction to the apparel industry – FTAR (Financial Transaction Adjustment Request) complex/supply chain. RTW (Ready-to-wear) Industry – company organization. Different types of apparel and accessory producers. Classification and categories of apparel producers – type of merchandise produced (product categories), price zones – designer, bridge, better, moderate, budget/mass; types of brands – designer brands, national brands, private label, SPA brands.</p>	5 Hours
	<p>Unit 2 Creating an Apparel Line –</p> <ul style="list-style-type: none"> • Research – consumer research, product research, market analysis, target customer (gender, age range, lifestyle and geographic location, price zone), fashion research (trend, color, fabric and trim research). • Design – Design inspiration (theme, color historical, ethnic, nature, fabric, texture, trim inspiration). Role of design team, sales volume, sell-through, costing and carryover. Design sketches (hand drawing), technical drawing, CAD software, Product management systems/ Product Lifecycle Management (PLM) and making a spec sheet. • Design Development and Style Selection – Design Development, Fabric Development, Pattern Development – Making the first pattern (traditional, computer, drafting, draping). Making the prototype, and determining the initial cost (labour, material, trims and findings, other costs & target costing). 	15 Hours

	<p>Unit 3</p> <ul style="list-style-type: none"> • Style selection – presenting and reviewing line at the line Review meeting, selecting the styles for the Final Adoption Meeting. Determining cost to manufacture. Pre-line, Preparation for market. Ordering & Making Sales Samples. Line catalogue or line Sheet. Private Label and Private brand product development. • Marketing a line of apparel – market centers, marts, market weeks, and trade shows. The selling function – internal selling and corporate selling. Marketing strategies – distribution, sales promotion. • Pre-Production Processes - production orders, factoring, cut orders, ordering production fabrics, trims, and findings. Timing of Cut Orders, Selection of Vendors, Fabric consideration (color management, lab dip, printed fabric considerations, strike off, staple fabric orders, trim & findings). Pattern finalization - production pattern, garment spec. sheets, construction spec. sheet. Markers, graded spec. sheet. Fabric Inspection – by the apparel co., by the textile producer. Production Spreading, Cutting, Fallout Disposal. 	<p>20 Hours</p>
	<p>Unit 4</p> <ul style="list-style-type: none"> • Sourcing Decisions and Production Centers – sourcing decisions for fabric and/or production (domestic, international). International Trade Laws & Free Trade Agreements. Sweatshops in Domestic & Offshore Production. • Production Processes and Quality Assurance – production considerations, manufacturing environments (Mass Production, Fast Fashion, Mass Customization). • Production Sewing Systems – single hand systems, progressive bundle systems, Flexible systems (unit production system and agile manufacturing). Finishing, Floor-ready merchandise, Quality Assurance. Export Agents & Freight Forwarders. • Distribution and Retailing – distribution strategies, distribution centers, replenishment strategies. Retailing and Categories of Retail – department stores, specialty stores, discount retailers, supermarkets, and hypermarkets. Retailing trends – fast fashion and ultra-fast fashion, mobile retail, behavioral targeting, and International Retailing. 	<p>20 Hours</p>
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	<ol style="list-style-type: none"> 1. Jermey A. Rosenau & David L. Wilson, Apparel Merchandising -the line starts here, Fairchild books, 2012. 2. Leslie Davis Burns, Kathy K. Mullet, Nancy O. Bryant, The Business of Fashion- Designing, Manufacturing, and Marketing, Fairchild books, 2018. 	
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Understand the Importance of operating the Apparel industry. 	

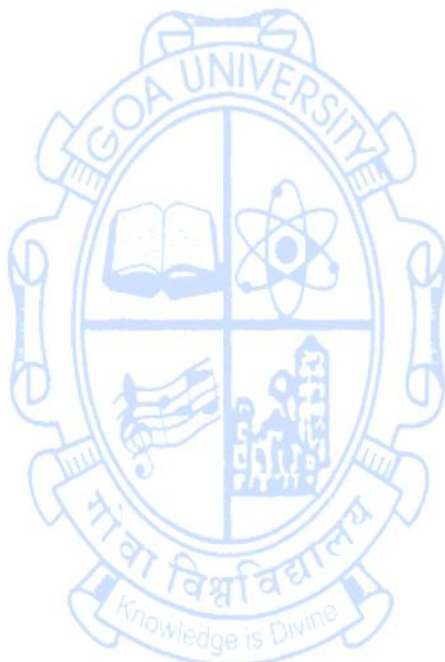
	<ol style="list-style-type: none">2. Gain knowledge in supply chain management in garment production functions from design to production.3. Acquire the knowledge of how to make and use a Tech pack used in the production process.4. Understanding of different forms of retail platforms and the requirements of stocking and replenishing the same.
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Name of the Program : B. Sc. Fashion and Apparel Design
Course Code : FAD - 303
Title of the Course : Computer-Aided Design - II (Practical)
Number of Credits : 2
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD 211 Apparel Production and FAD 205 Computer-Aided Design - I	
Course Objectives:	<ol style="list-style-type: none"> 1. To prepare a professional Tech Pack as required in the Fashion Industry with CAD. 2. To provide students with knowledge of CAD and its advanced applications in the industry. 3. To provide students the knowledge of garment rendering using CAD applications. 	
Content	<p>UNIT 1 – Garment Rendering Rendering of garments for Kids & Adult wear Kids wear (Girl) – Casual wear, Party wear, Sportswear, Formal / Uniform wear using Photoshop. Kids wear (Boy) – Casual wear, Party wear, Sportswear, Formal / Uniform wear using Photoshop. Adults wear (Women) – Casual wear, Party wear, Sportswear, Formal / Official wear using Photoshop. Adults wear (Men) – Casual wear, Party wear, Sportswear, Formal / Official wear using Photoshop.</p>	30 Hours
	<p>UNIT 2 – Flat Sketch and Basic Techpack Flat sketch Creation for the following: Adults Men's Wear - Trouser, Shirt, Blazer. Women's Wear - Gown, Top, Skirt. Kids Boy's - Jean, Hoody, T-shirt. Girl's - Frock with Frills, Suspenders, Top. Tech-pack Presentation - Adult's Wear & Kid's Wear Compilation of Artworks / flat sketches with stitch detailing. Color/ fabric variations, Cover page, BOM (Bill of Materials), Specification sheet, and cost sheet on the standard Tech pack format for the following- Adults Men's Wear - Trouser, Shirt, Blazer. Women's Wear - Gown, Top, Skirt. Kids Boy's - Jean, Hoody, T-shirt. Girl's - Frock with Frills, Suspenders, Top.</p>	30 Hours
Pedagogy	Tutorials/ Assignments/ Self-Study/ Hands-on/ Demonstration	
References/ Reading	<ol style="list-style-type: none"> 1. Bryant, Michele Wesen, and DeMers, Diane. The Spec Manual 2nd Edition. United Kingdom, Bloomsbury Academic, 2005. 2. Abling, Bina, and DaCosta, Felice. Fashion Flats & Technical Drawing. United States, Bloomsbury, 2017. 	

	<ol style="list-style-type: none"> 3. Chavez, Conrad. Adobe Photoshop Classroom in a Book (2023 Release). United Kingdom, Pearson Education, 2022. 4. Wood, Brian. Adobe Illustrator Classroom in a Book (2023 Release). United Kingdom, Pearson Education, 2022.
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Successful execution of industry-required basic tech pack. 2. Empower students with the knowledge of CAD and their applications so they can execute their ideas creatively through CAD. 3. Successful design board knowledge and implementation of CAD. 4. Knowledge of raster and vector applications and their difference.



Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD-321
Title of the Course : Textile Wet Processing (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD 201 Fibre and Yarn Science and FAD 204 Fabric Science and Analysis	
Course Objectives:	<ol style="list-style-type: none"> 1. To introduce students to various chemicals, dyes, and auxiliaries used for wet processing of textiles. 2. To gain knowledge on different preparatory processes for cotton, silk, and wool fabrics. 3. To understand various dyes and their application on different fiber content. 4. To introduce the technique of hand block and screen printing for value-addition. 5. To create awareness about different finishing techniques, care, and maintenance of fabric. 	
Content	<p>Unit 1 Introduction to wet processing, sequence of the wet processing operation for cotton, silk, and wool, Brief discussion on Equipment and Machinery used for wet processing. A brief discussion on preparatory processes employed for cotton, silk, wool, and Polyester fabrics. (singeing, scouring, de-sizing, bleaching, mercerization, degumming, weighing, carbonizing, crabbing, and felting). Dyeing - Introduction, classification, mechanism of dyeing, methods of dyeing at fiber, yarn, fabric garment, and dop dyeing, application of soluble and insoluble dyes on natural and man-made textiles.</p>	15 Hours
	<p>Unit 2 Printing - Introduction, different styles and methods of printing, after treatments of printed goods washing, steaming, and drying. Finishes - Introduction, classification - temporary and permanent finishes, tentering, decatising, sanforising, calendaring, functional/ special-waterproof and water repellent, Wrinkle resistant, antimicrobial, flame retardant, and other special finishes. Garment Processing - Importance of garment dyeing and finishings, Special finishes used for types of denim. Care of fabrics - Principles of laundering, stain removal, and different methods of washing, soaps, and detergents used during laundering.</p>	15 Hours
	<p>Unit 3 Preparatory processes like scouring, bleaching, and mercerization of cotton fabric, degumming, and bleaching of silk yarn.</p>	30 Hours

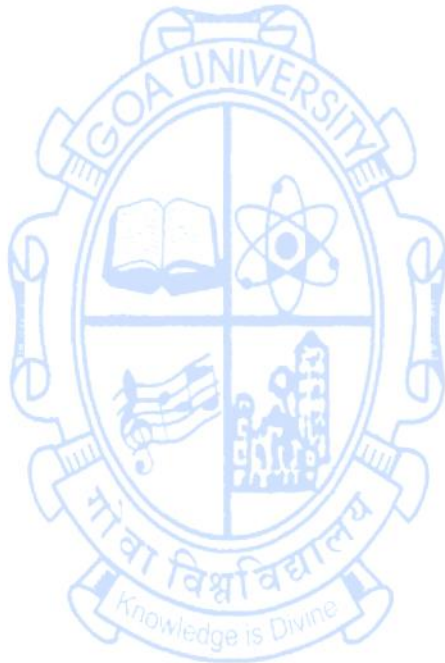
	<p>Unit 4</p> <p>Dyeing of cotton fabric using direct, reactive (hot and cold) dyeing of silk and polyester fabric using acid and reactive dyes. batik dyeing or printing, and tie and dye cotton or silk fabric using reactive cold dyes.</p> <p>Printing of fabric using screen and block printing techniques.</p> <p>Natural Dyeing workshop</p>	<p>30 Hours</p>
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	<ol style="list-style-type: none"> 1. Broughton, Kate. Textile Dyeing: The Step-by-step Guide and Showcase. United Kingdom, Rockport Publishers, 1995. 2. Hall, A. J., The Standard Handbook of Textiles, Woodhead Publication, 8th Edition, 2004. 3. Light, Diana. Batik: 20 Beautiful Projects Using Simple Techniques. United States, Lark Books, 2004. 4. Gunner, Janice. Shibori for Textile Artists. Japan, Kodansha International, 2007. 5. Murphy, W. D., Textile Finishing, Abhishek Publications, 2007. 6. Smith, J. E., Textile Processing - Printing, Dyeing, Abhishek Publication, 2019. 	
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Understanding of the relevance of dyeing and printing techniques and their applications. 2. Understanding of the technical and practical aspects of dyeing and printing. 3. Hands-on viable knowledge in dyeing and printing of fabrics. 4. Practical experience in natural dyeing of cotton and silk fabrics. 	

Name of the Programme : B.Sc. Fashion and Apparel design
Course Code : FAD - 361
Title of the Course : Internship
Number of Credits : 2
Effective from AY : 2023-24

Pre-requisites for the Course:	Completion of Semesters I to IV	
Course Objectives:	<ol style="list-style-type: none"> 1. To enable the students to pursue an in-depth study in any area of special interest. 2. To impart knowledge on working in the apparel industry. 3. To gain practical knowledge of different departments of the apparel industry. 4. To observe and learn the internal workings of the fashion industry and understand how to plan/ prepare for the same. 5. To impart knowledge on working and managing designer Stores/boutiques/ design studios, etc. 	
Content:	<p>A month-long internship duration comprises of thorough understanding of the design house / organizational setup/ apparel industry. A designer must become a part of the day-to-day activity of the company.</p> <p>The student must take up a design project in the organization and follow the design process to accomplish the project.</p> <p>A learning diary which comprises of the day-to-day activities should be maintained.</p> <p>Finally, the student should attempt to get as much information about the organization as possible to be able to compile a well-formatted document as a part of the evaluation.</p> <p>A report is to be submitted for evaluation. Documentation should contain the following:</p> <ul style="list-style-type: none"> Introduction Aim Objectives Procedure Design Pictorial representation Information collected and interpreted Outcomes and discussion Learning and reflection Summary and conclusion Bibliography 	30 Working Days
Pedagogy:	Self-Study/ Hands-on	
References/ Readings:	NA	

Course Outcomes:

- After the completion of this course, the student will be able to:
1. Gain an understanding of workplace dynamics, professional expectations, and the influence of culture on both.
 2. Witness the actual design process and operations of garment sampling and production or garment retail business based on the sector they choose for their internship.
 3. Compile all their learning in the form of a visual presentation as well as a professional internship report.
 4. Create a collection for the company/ brand/ designer they intern under using their design expertise and learning, understanding their looks, and catering to their consumers.



SEMESTER VI

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

Course Code : FAD - 304

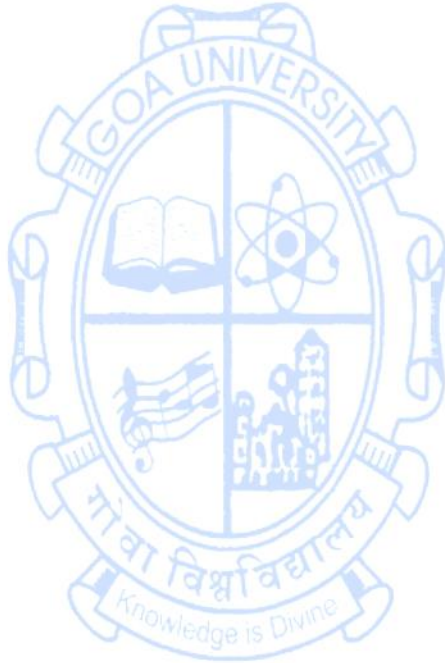
Title of the Course : Draping (practical)

Number of Credits : 4

Effective from AY : 2023-24

Prerequisites for the Course:	Nil	
Course Objectives:	<ol style="list-style-type: none"> 1. Learn the process of preparing basic blocks for women's garments, including front, back, sleeve blocks and Develop expertise in Draping for women's wear. 2. Develop an understanding of dart Manipulation, & how to create varied patterns. 3. Understand the Draping techniques of different types of collars and yokes. 	
Content:	Unit 1 <ul style="list-style-type: none"> • Draping Terminology • Tools and Equipment used in Draping • Principles of Draping, Fitting methods 	5 Hours
	Unit 2 <ul style="list-style-type: none"> • Basic draping Techniques- Bodice front, Bodice back. • basic skirt Block, Front, and back. 	25 Hours
	Unit 3 <ul style="list-style-type: none"> • Dart Manipulation Techniques. • conversion of darts to tucks, pleats, gathers and seamlines, radiating, and graduating darts. 	45 Hours
	Unit 4 <ul style="list-style-type: none"> • Component draping - cowl, collar mandarin, peter-pan. • Yokes – shoulder, midriff, hip line. Product Development using a combination of draping techniques.	45 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ol style="list-style-type: none"> 1. Jaffe, Hilde and Relis, Nurie, Draping for fashion design, Pearson Prentice Hall, 2012. 2. Kiisel, Karolyn. Draping: The Complete Course. United Kingdom, Laurence King Publishing, 2013. 3. Duburg, Annette, and Tol, Rixt van der. Draping: Art and Craftsmanship in Fashion Design. Netherlands, ArtEZ Press, 2014. 4. Amaden-Crawford, Connie. The Art of Fashion Draping. United Kingdom, Bloomsbury Publishing, 2018. 5. Kiisel, Karolyn. Advanced Creative Draping. United Kingdom, Quercus Publishing, 2022. 	
Course Outcomes:	After the completion of this course, the student will be able to: <ol style="list-style-type: none"> 1. Demonstrate a comprehensive understanding of draping women's wear. 2. understand the difference between pattern making & draping. 3. Proficiently Drape basic blocks for women's bodice front, back and 	

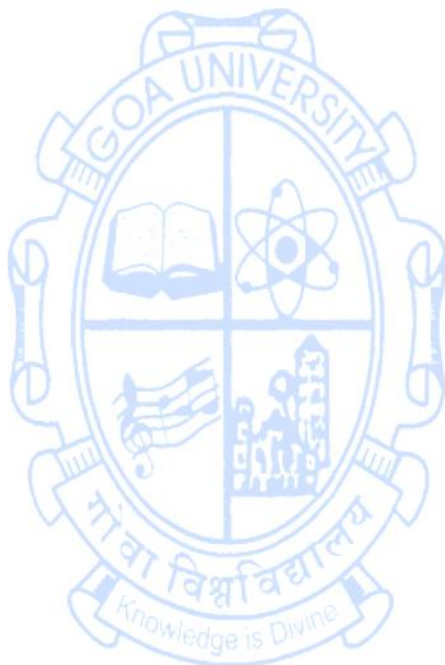
	skirt blocks. 4. Showcase practical skills in draping and pattern preparation through hands-on projects and assessments
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Name of the Programme : B Sc. Fashion and Apparel Design
Course Code : FAD-305
Title of the Course : Fashion Illustration - III (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD – 142 Basics of Fashion Illustration, FAD – 203 Fashion Illustration – I and FAD - 301 Fashion Illustration – II	
Course Objectives:	1. To develop student’s advanced rendering and detailing skills. 2. To Understand and create flat sketches. 3. To Understand and create fashion spec sheets.	
Content:	Unit 1 Introduction to Flat Sketching: Basic introduction, requirements, Flat sketch terminologies, and denoting the details in flat sketches – DNTS (Double Needle Topstitch), SNTS (Single Needle Topstitch), LS (Lockstitch), SPI / SPC (Stitches Per Inch/ Centimeter), TPST (Topstitch), EGST (Edgestitch), CNST (Chainstitch).	15 Hours
	Unit 2 Flat sketching for Women, Men and Children: Identifying different collars, sleeves, jean details, pant details, pocket details, and shirt details required for flat sketches.	15 Hours
	Unit 3 Process of creating flat sketches with style and stitch lines. Drapes and ruffles in flat sketching. Flat sketching for women's garments: Dresses, Skirts, Pants, Tops, Jackets, Shirts. Flat sketching for men's garments: Shirts, Trousers, T-shirts, Jackets. Flat sketching for kid's garments: Dresses / Frocks, Jabla, Pants, Onesies, Sweater. Spec Sheet: Preparation of spec sheet with measurement and other details with stitch lines and details required as per industry standards for the following: Formal and Casual Shirts, Formal and Casual Trousers, and Dresses.	30 Hours
	Unit 4 Bridal wear: Bridal wear illustration for men and women with proper detailing.	30 Hours
Pedagogy:	Lectures/ Tutorials/ Assignments/ Self-Study/ Hands-on	
References/ Readings:	1. Illustrating Fashion – Steven Stieplemean (Bloomsbury) 2000. 2. Encyclopedia of Fashion Detials - Patrick John Ireland, Batsford Ltd. 2008. 3. Fashion Drawing – John Hopkins (Bloomsbury) 2009. 4. 9 Heads - By Nancy Riegelman, Thames & Hudson, 2012.	

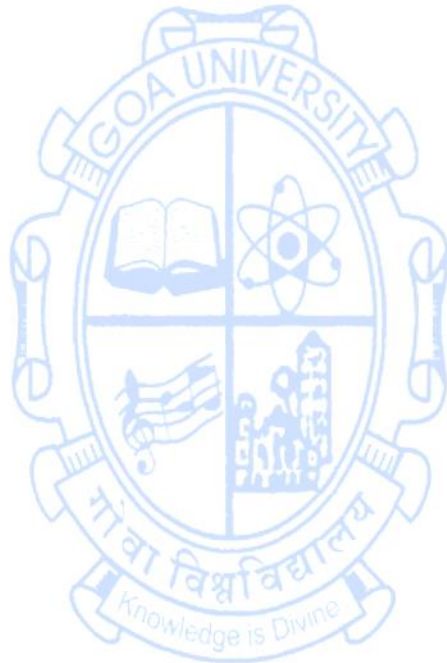
	5. Fashionpedia- the visual dictionary of fashion design (Fashionary), 2016.
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Facilitate fluency in understanding and creating flat sketches. 2. Learn and create garment flat sketches with proper detailing for men's, women's, and children's wear. 3. Understand and create specification sheets for garments. 4. Facilitate fluency in designing and rendering bridal garments.



Name of the Program : B. Sc. Fashion and Apparel Design
Course Code : FAD - 306
Title of the Course : Fashion Retail Management (Theory)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD – 302 Fashion Merchandizing	
Course Objectives:	1. To understand retail management’s roles and responsibilities. 2. Identify Different types of retailers and retail positioning. 3. To understand the role of sourcing and buying for a fashion retailer.	
Content	Unit 1 Roles and Responsibilities of managers in the fashion retail sector. The organizational structure of a Retail Co. Types of Merchandise – price levels, style fashion levels, and quality.	10 Hours
	Unit 2 Types of retailing formats- (Stored)-department, specialty, boutiques, variety stores, mom and pop, discount. (Non-Stored) – e-commerce, TV, mail-order, direct marketing, fast-fashion. Current trends in the retail environment. Understanding the need for Market Segmentation and why it is important. The process of market segmentation.	20 Hours
	Unit 3 Importance of Sourcing and Buying. Merchandise planning, sales plans, inventory planning, pricing, markup, Planned purchases, and open-to-buy, buying offices. Domestic and International Sourcing, quotas, tariffs, and types of orders. Communications, Promotion, and advertising media. Vendor partnership, negotiations, and different sales representatives.	20 Hours
	Unit 4 Realities of entrepreneurship- planning, capital, and performance. Customer service, loyalty programs. Supply Chain Management and Ethics in vendor relations, selling, and management.	10 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	1. Sproles, George B. and Burns, Leslie D. “Changing Appearances – Understanding Dress in Contemporary Society” Fairchild Publications, 1994. 2. Stephens, Gini. “Fashion - From concept to customer” Prentice Hall career and technology, 1994. 3. Crosgrave, Bronwyn “Costume and Fashion- A Complete History” Octopus Publishing, 2000. 4. Burns, Leslie D. and Bryant, Nancy O. “The Business of Fashion” Fairchild Publications, 2002. 5. Dickerson, Kitty “Inside the Fashion Business” Pearson Education,2003.	

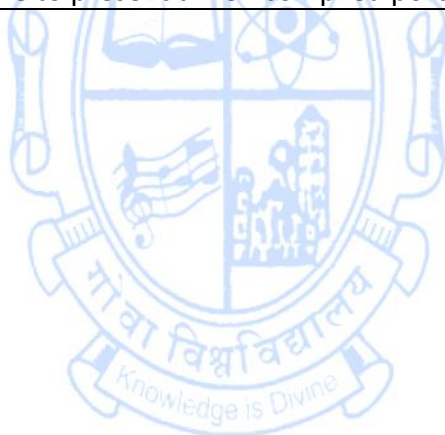
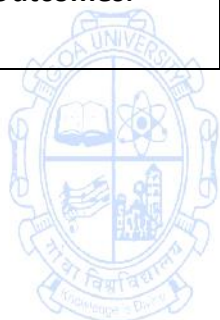
	<ol style="list-style-type: none"> 6. Nancy J. Rabolt & Judy K. Miller, Concepts & cases – in retail and merchandise Management, Fairchild Books, 2008. 7. Pradhan, Swapna “Retailing Management – Text and Cases” McGraw Hill Education, 2012. 8. Lynda Poloian, Retailing Principles, Bloomsbury, 2013. 9. Dimitri Koumbis, Fashion retailing from Managing to Merchandising, Fairchild Books, 2018.
<p>Course Outcomes</p>	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Understand the importance of a good product, a strong brand, and an image in the retail environment. 2. Recognize the requirements of each retail business model and different formats of retail. 3. Grasp the importance of good retail-vendor relationships. 4. Important merchandise planning and forecasting in the retail environment.



Name of the Programme : B Sc. Fashion and Apparel Design
Course Code : FAD - 307
Title of the Course : Fashion Portfolio (Practical)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	Completion of Semesters I to V	
Course Objectives:	<ol style="list-style-type: none"> 1. To make students understand the importance and significance of portfolios and presentations. 2. To impart skills for portfolio presentations. 3. To understand the composition of graphic elements. 	
Content:	<p>Introduction to Portfolio Definition, the purpose of a portfolio What goes into creating a good portfolio Concept selection and finalization</p> <p>Research Primary, Secondary, and tertiary Research to test the validity of the concept.</p> <p>Design Brief On the findings of the research, a final design brief is to be written upon which the project will be executed.</p> <p>Sequence Brief - Cover page - Introduction - Contents Page - Title Page with a summary of the collection - followed by each section title and content like collection boards, final range with specs and cost sheet, etc.</p> <p>Design Development and Collection Collection Boards Mood board, Client board, Storyboard, Inspiration board, Fabric, and material board. On finalizing the design brief, the primary solution identifies/creates concepts that may solve the design problem. Work on rough sketches and images that may point towards the final visual outlook of the solution. Final Illustrated designs</p> <p>Product Development Prototype sampling and testing of the proposed design using patterns or draping. A sampling of techniques is involved.</p>	120 Hours

	Final Production process with Spec and cost sheets. Photoshoot and final presentation.	
Pedagogy:	Lectures/ Tutorials/ Assignments/ Self-Study	
References/ Readings:	<ol style="list-style-type: none"> 1. Jarnow, J and KG Dickenson, "Inside the Fashion Business", Prentice Hall, 1997. 2. Gini Stephens Frings, "Fashion - from Concept to Consumer", Pearson Education, 9th edition, 2007. 3. Harriet Posner, Marketing Fashion – Portfolio Series, 2011. 4. Fashion Portfolio: Design and Presentation by Anna Kiper, Batsford Ltd. Jun. 2014. 5. Jeremy Web, "Basics Creative Photography 01 - Design Principles", Bloomsbury Visual Arts, 1st edition, 2017. 6. Leslie Davis Burns, Kathy K Mullet, Nancy O Bryant, Business of Fashion – Fairchild Books 2018. 7. Chelsea Rousso, Kaplan Ostroff, Nancy Bloomsbury, Fashion Forward – Fen. 2018. 	
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Develop a more refined aesthetic for presentation. 2. Learn to make a professional portfolio. 3. Understand how to make layouts and page spreads. 4. Be able to present a well-compiled portfolio for professionals. 	



Name of the Programme : B Sc. Fashion and Apparel Design
Course Code : FAD - 322
Title of the Course : Styling and Accessories (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

Pre-requisites for the Course:	Nil	
Course Objectives:	<ol style="list-style-type: none"> 1. To present an overview of accessories and their types. 2. To understand fashion styling and its application in the industry. 3. To understand how to style various garments and products and create compelling looks. 4. To know what goes into commercial and editorial styling and how they can be applied in the design industry. 	
Content:	Unit 1 Introduction , definition, history, and classification of Accessories. Specific Terminologies, Types of accessories Introduction to Styling: What is Styling? Fashion Staples/ Classics. Figure Flattery. Choosing the right garments. Styling with the appropriate accessories.	15 Hours
	Unit 2 Editorial styling: A complete rundown on what is involved in editorial styling. Majoring in monthly magazines. Who makes up the team. Sourcing, developing fashion stories, choosing the team, selecting clothes, methods used on shoots, and choice of the final image. Newspaper styling - Focuses on the differences between magazine and newspaper styling. Catalogue and Commercial styling: Definition, purpose, and what goes into catalogue styling. Definition and roles of the commercial stylist. Show production: Looks at the team and the whole process of show production. From the role of the producer to that of the stylist	15 Hours
	Unit 3 Fashion Accessory Customization - Customize a range of fashion accessories, (any 3 hats /caps /eyewear /belts /jewellery /bags /scarves /ties/wallets/footwear) by following the 5 stages of the Styling Process: <ol style="list-style-type: none"> a. Understand the budget and requirements of the client or purpose (ad agency, magazine, movie team, fashion show, individual). b. Research trends and styles as per the client brief. 	30 Hours

	<p>c. Freeze the idea once the final visual boards are created and the right direction is set.</p> <p>d. Consider the budget, time availability, and products needed, and source the required materials.</p> <p>e. Execute the making of the final customized products.</p> <p>Fashion Accessory Styling - Choose any one of the following occasions (Dressy Evening, Diwali Party, Business Luncheon, Movie Premiere, Engagement Ceremony Family Get-together, Cocktail Party, Sunday Brunch, Kitty Party, Wedding) and create looks with any 2 budgets of low, medium and high by mixing and matching the garments with different accessories for a client.</p> <p>Client Makeover - Create a makeover for a client of any age and gender, considering the following factors: Body Type, Face Shape, Personal Coloring, Budget, Lifestyle, Personal Style, Brand Preferences, and Personality. Keep a record of before and after</p>	
	<p>Unit 4</p> <p>Editorial Thematic Fashion Shoot - Create a theme-based look for the cover page of a hypothetical fashion magazine, following the 5 stages of the styling process, and create a layout for the same through post-production.</p> <p>Catalogue Styling - Shoot for and develop a catalogue for a hypothetical fashion brand (20-25 looks) keeping in mind the brand aesthetics and the target market of the brand.</p>	<p>30 Hours</p>
<p>Pedagogy:</p>	<p>Lectures/ Tutorials/ Assignments/ Self-Study</p>	
<p>References/ Readings:</p>	<ol style="list-style-type: none"> 1. Little black book of Style, It Books, 2010. 2. Fashionpedia – the visual dictionary of fashion design, 2017 (Fashionary International) 3. Karen Homer, Fashion: The Essential Visual Guide to the World of Style, Aurum Press, 2018. 	
<p>Course Outcomes:</p>	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Learn how to style various garments for different markets and different themes effectively. 2. Understand the styling procedures and opportunities in the design industry. 3. Gain knowledge on how to style for various body and face types. 4. Learn the art of accessorizing. 5. Learn to produce basic accessories for styling. 	

SEMESTER VII

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

Course Code : FAD - 400

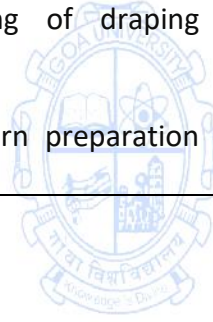
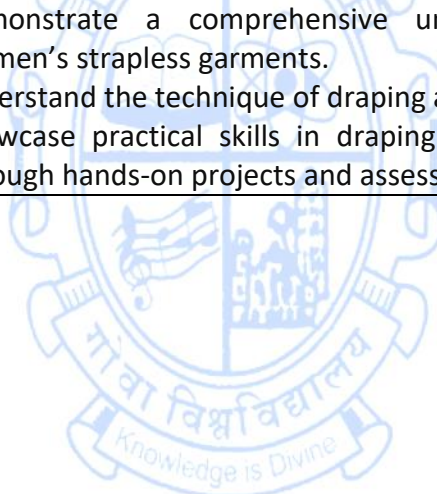
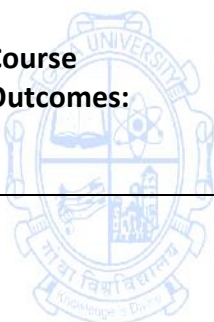
Title of the Course : Advanced Draping (Practical)

Number of Credits : 4

Effective from AY : 2023-24

Prerequisites for the Course:	FAD – 304 Draping	
Course Objectives:	<ol style="list-style-type: none"> 1. Learn the process of preparing basic blocks for women's garments, including front, back, and sleeve blocks and Develop expertise in pattern alterations for women's wear. 2. Develop an understanding of dart Manipulation, & how to create varied patterns using the standard block. 3. Understand the construction techniques of different types of collars and sleeves. 4. understand the construction techniques of Indian Garments. 	
Content:	<p>Unit 1</p> <ul style="list-style-type: none"> • Draping strapless, princess panel dress. • Analysis of the characteristics and design elements of a strapless, princess panel dress. • Choosing appropriate fabrics for draping a strapless princess panel dress. • Preparing the fabric, including cutting and marking. • Understanding the importance of balance, proportion, and fit. 	30 Hours
	<p>Unit 2</p> <ul style="list-style-type: none"> • Basic draping of a corset block. • Choosing appropriate fabrics for draping a corset block. • Preparing the fabric, including cutting and marking. • Understanding the importance of balance, proportion, and fit. 	30 Hours
	<p>Unit 3</p> <ul style="list-style-type: none"> • Understanding different collar styles and their draping techniques. • Focus on the shawl collar design and its variations. • Draping of a shawl collar. • Choosing appropriate fabrics for draping a shawl collar. • Preparing the fabric, including cutting and marking. • Understanding the importance of balance, proportion, and fit. 	30 Hours
	<p>Unit 4</p> <ul style="list-style-type: none"> • Origami draping • Introduction to the concept of origami in garment design. • Understanding the principles of folding, pleating, and sculptural draping. 	30 Hours

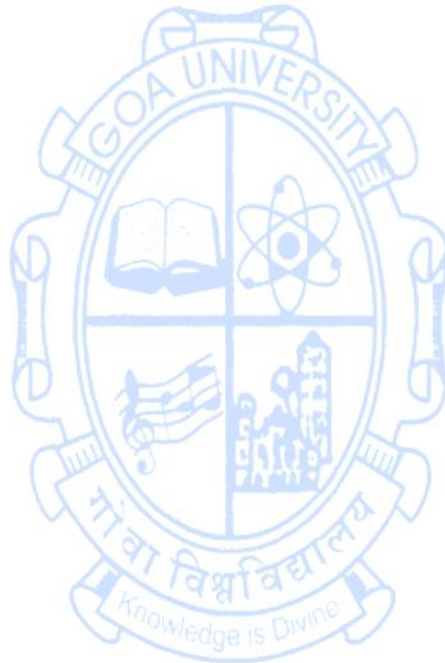
	<ul style="list-style-type: none"> • Choosing fabrics suitable for origami draping. • Understanding how fabric characteristics influence the outcome. • Fabric experimentation with different weights, textures, and drapabilities. • Creating three-dimensional structures and dynamic silhouettes. 	
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ol style="list-style-type: none"> 1. Jaffe, Hilde and Relis, Nurie, Draping for fashion design, Pearson Prentice Hall, 2012. 2. Kiisel, Karolyn. Draping: The Complete Course. United Kingdom, Laurence King Publishing, 2013. 3. Duburg, Annette, and Tol, Rixt van der. Draping: Art and Craftsmanship in Fashion Design. Netherlands, ARTEZ Press, 2014. 4. Amaden-Crawford, Connie. The Art of Fashion Draping. United Kingdom, Bloomsbury Publishing, 2018. 5. Kiisel, Karolyn. Advanced Creative Draping. United Kingdom, Quercus Publishing, 2022. 	
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Demonstrate a comprehensive understanding of draping women's strapless garments. 2. understand the technique of draping a corset. 3. Showcase practical skills in draping and pattern preparation through hands-on projects and assessments. 	



Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 401
Title of the Course : Visual Merchandising (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD - 302 Fashion Merchandizing and FAD – 306 Fashion Retail Management	
Course Objectives:	1. To expose students to theories, concepts, and skills to create successful visual merchandising displays and strategies. 2. To help the students to understand the range of activities that cover theoretical and practical components of fashion visual merchandising	
Content	Unit 1 - Introduction to Visual Merchandising - Introduction to Retail, Definition, Objectives and Scope, Elements and Principles of Visual Merchandising. Role and Responsibilities of Visual Merchandiser.	6 Hours
	Unit 2 - Interior & Exterior Display - Location of the store, Retail Floor planning, Types of Retail Layout. Window Display, Types of Window Display, Promotional Display Vs. Institutional Display, Exterior Signs. Lighting, Types of Lighting, Aroma and Materials, Colors, Fixtures, Mannequins and dress forms, Signage, Cross merchandising, Impulse buying, merchandise presentation, and Dominance factor. Introduction to Mannequin Styling, Brand Experience, The Magic of Augmented and Mixed Realities, Experiential Retail - The New Retail Scenario.	24 Hours
	Unit 3 - CAD (Adobe Illustrator and Photoshop) Store layouts, Functionality and form, Errors in layouts, Upselling and display creations, Props and Signage (Design and placing), Inspiration Board, Concept Development/ Sketches, Material Board, Window Mood board, VM Portfolio.	30 Hours
	Unit 4 - Lifesize Display Thematic display with signages, making of Props, Installation of Display.	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	1. Castelino M, "Fashion Kaleidoscope", Rupa and Co. Publishers, 1994. 2. Laura L Bliss, "Study Guide Visual Merchandising and Display", Fairchild Publications, 3 rd edition, 1995. 3. Swathi Bhalla, Anuraag S, "Visual Merchandising", Tata McGraw Hill Publishers, 2010. 4. Judith Bell & Kate Ternus, "Silent Selling, Best Practice & Effective Strategies in Visual Merchandising", Fairchild Books, 5 th edition, 2017. 5. Visual Merchandising: Window & In-Store display for retail, by Tony Morgan, Lawrence King Publications, 2018.	

Course Outcomes	After the completion of this course, the student will be able to: 1. Articulate between various themes and merchandise offerings for a particular theme/ offer effectively. 2. Work in the department of Visual Merchandising and execute the learnings effectively.
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Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 402
Title of the Course : Apparel Quality Control (Theory + Practical)
Number of Credits : 4 (2+2)
Effective from AY : 2023-24

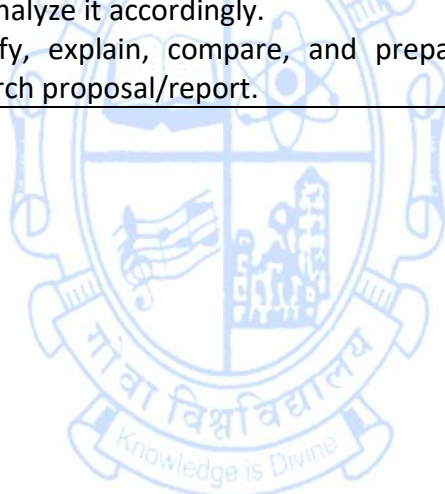
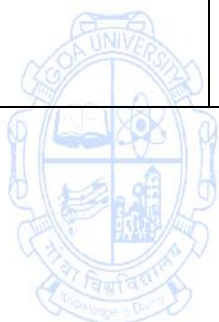
Pre-requisites for the Course:	FAD – 211 Apparel Production, and FAD – 306 Fashion Retail Management	
Course Objectives:	<ol style="list-style-type: none"> 1. To acquaint students with the apparel total quality management by understanding different quality assurance practices. 2. To analyze and identify the weaving and processing fabric defects. 3. To carry out the final inspection process for various categories of garments. 4. To develop a spec. sheet for various ranges of garments. 	
Content	<p>Unit 1 Quality - Definition of quality, dimensions of quality, quality planning and importance of quality, evolution of quality system. TQM (Total Quality Management) principles - Customer satisfaction, customer perception of quality, intrinsic and extrinsic quality, service quality, customer retention, continuous process improvement, Juran Trilogy, PDCA cycle, 5S, Kaizen, 6-sigmas. Managing quality - Traditional vs modern quality management, quality control, and quality assurance. Importance of quality control in the garment industry, fabric inspection, identification of woven and processing defects, 4-point and 10-point system, IPQC (In process quality control), AQL standards, zero defects, JIT, poka-yoke, and quality circle.</p>	15 Hours
	<p>Unit 2 Major inspection points are to be verified in a final inspection for men’s shirts and trousers, women’s tops, trousers, skirts, and kid’s garments. Care labels, international care labelling system, Japan/Canada/British care labelling system, eco labels. Quality standard and certification - Need for ISO 9000, major elements in ISO 9001-2000, internal auditing, Environmental Management System - ISO 14000 series standards and other quality management standards of the apparel industry, AATCC, ASTM standards, significance, and importance of the same.</p>	15 Hours
	<p>Unit 3 Identification of woven fabric defects following 4-point and 10-point systems. Final inspection of garments - Checking points and methods of checking men’s shirts, women’s tops, trousers, jackets, knitwear (men and women), and kids' garments.</p>	30 Hours

	Unit 4 Designing and collecting apparel care labels - contents, dimensions, and positioning of the labels for men and women. Preparation of specification sheets for different categories of garments. a) Visual inspection (zonal method), and b) Dimensional method.	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study/ Hands-on	
References/ Reading	<ol style="list-style-type: none"> 1. Chuter, A. J.. Introduction to Clothing Production Management. United Kingdom, BSP Professional, 1988. 2. Cooklin, Gerry. Introduction to Clothing Manufacture. United Kingdom, Wiley, 1991. 3. Carr, Harold, and Latham, Barbara. The Technology of Clothing Manufacture. United Kingdom, Wiley, 1994. 4. Mehta, Pradip V. An Introduction to Quality Control for the Apparel Industry. Japan, J.S.N. International, 1985. 5. Ruth E Glock, "Apparel Manufacturing & Sewn Product Analysis", Pearson Education, 4th edition, 2005. 	
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Identify and effectively implement the quality control and testing procedures in an apparel/retail industry. 2. Critical analysis of weaving and processing defects in the given fabric. 3. Gain knowledge on fabric inspection by using a 4-point and 10-point scale. 4. Analyze and interpret the final inspection for various categories of garments. 5. Developing a spec. sheet for a given garment at the industrial level. 	

Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 403
Title of the Course : Research Methodology (Theory)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	Nil	
Course Objectives:	<ol style="list-style-type: none"> 1. The main objective of this course is to introduce the basic concepts in research methodology. 2. The course addresses the issues inherent in selecting a research problem and discusses the techniques and tools to be employed in completing a research project. 3. To learn the methods involved and methodology followed to carry out a research design. 4. To define appropriate research problems and parameters, organize and conduct research appropriately, and write a research report and thesis. 	
Content	Unit 1 Introduction Meaning of research, objectives of research, motivation in research, types of research, research approaches, significance of research, research methods, and research process. Introduction to methodology, Difference between method and methodology, Brief understanding of Literature review – Parameters.	15 Hours
	Unit 2 Research Problem What is a research problem, selecting the problem, necessity of defining the problem, technique is involved in defining a problem? Formulation of Research Problem, and Questions Potential areas/types, qualitative and quantitative paradigms.	15 Hours
	Unit 3 Research Design Meaning, Goals, Characteristics of research design, need for research design, features of a good design, important concepts relating to research design, different research designs, and basic principles of experimental designs.	15 Hours
	Unit 4 Data Collection and Report Writing Collection of primary data, observation method, interview method, collection of data through questionnaires, case study, collection of data through schedules, difference between questionnaires and schedules, Sampling and sampling technique, and Research Ethics Data Collection Tool and reporting types. Report writing, steps in writing report, the layout of the research report, design presentation, Ethical considerations, precautions for writing research reports, and conclusions. Research Ethics, Plagiarism, and software to detect plagiarism.	15 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	

References/ Reading	<ol style="list-style-type: none"> 1. William J. Goode and Paul K. Hatt, Methods in Social Research, New York: McGraw-Hill Book Co., 1952. 2. Yogesh Kumar Singh, Fundamentals of Research Methodology and Statistics, New Age International Publishers, 2006. 3. Zina O Leary, The Essential Guide to Doing Your Research Project, New Delhi: Sage, 2010. 4. S P Gupta, Statistical Methods, New Delhi: Sultan Chand & Sons, 2012. 5. John W Cresswell& J David Cresswell, Research Design, New Delhi: Sage, 2017. 6. Kothari, C. R. and Garg, G., Research Methodology – Methods and Techniques, 4th Edition, New Age International Publishers, 2020.
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Identify an appropriate research problem in the field of interest and illustrate suitable research objectives and hypotheses. 2. Define and develop a possible research interest area using specific research designs. 3. Describe sampling methods, measurement scales and instruments, and appropriate uses of each. 4. The course will also enable them to collect the data, edit it properly, and analyze it accordingly. 5. Identify, explain, compare, and prepare the key elements of a research proposal/report.




Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 411
Title of the Course : Entrepreneurship and Innovation (Theory)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD – 211 Apparel Production, FAD 302 Fashion Merchandizing and FAD – 306 Fashion Retail Management	
Course Objectives:	<ol style="list-style-type: none"> 1. To develop entrepreneurship skills among the students. 2. To familiarize the students with the process and procedure of setting up new enterprises 	
Content	Unit 1 What is Innovation? Importance of Innovation in today’s changing business Environment. Case study Closed vs. Open Innovation Fixed Mindset vs. Open Mindset for Innovation.	10 Hours
	Unit 2 Types of Innovation- <ol style="list-style-type: none"> 1. Sustaining 2. Incremental 3. Disruptive 4. Radical 5. Business Model/ Configuration 6. Product/Offering 7. Marketing 8. Service Innovation Practices that successful businesses follow to Incorporate Innovation Open Innovation Practices at Work.	15 Hours
	Unit 3 Fundamentals of contemporary fashion Industry and its evolution. Understanding Entrepreneurship, its types, and Entrepreneurial opportunities in Fashion. Understanding Self, Personality Traits and Entrepreneurial Innovation. Concept to Consumer Pathway. Market Research – to access consumer needs, wants, and demands. (Case Study – Practices and considerations for email Customer Survey) Defining Market Relationships and Service Parameters.	20 Hours

	<p>Unit 4 Creating Value proposition for consumers. Branding, Marketing, and Omni Channel Retail. Managing Operations, Finance and HR. (Case Study on Surplus Inventory) Sustainability and Legalities in Fashion Business. (Case Study – IPR and Sustainable Innovation Practices) Writing a Business Plan.</p>	<p>15 Hours</p>
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	<ol style="list-style-type: none"> 1. Terry & Franklin, Principles of Management, AITBS, 2002. 2. Sangram Keshari Mohanti, Fundamentals & Entrepreneurship: 2009: PHI learning. 3. Vasanth Desai, The dynamics of entrepreneurial development & Management: 6th edition Himalaya publish house. 2009. 	
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Understanding about Innovation in today's changing business Environment. 2. Successfully Identify the requisites of launching an SME and other Entrepreneurial Businesses. 3. Knowledge of essentials of the contemporary fashion Industry and its evolution. 4. Create a recognized branding, marketing, retail channels, sustainable, and legalities fashion business plan. 	

SEMESTER VIII

Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 404
Title of the Course : Pattern-Making Techniques and Garment Manufacturing Techniques – IV (Practical)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD – 141 Basics of PMT and GMT, FAD – 200 PMT & GMT – I, FAD – 202 PMT & GMT - II, and FAD – 300 PMT & GMT - III	
Course Objectives:	<ol style="list-style-type: none"> 1. Learn the process of preparing basic blocks for women's garments, including front, back, and sleeve blocks, and Develop expertise in pattern alterations for women's wear. 2. Develop an understanding of dart Manipulation, & how to create varied patterns using the standard block. 3. Understand the construction techniques of different types of collars and sleeves. 4. understand the construction techniques of Indian Garments. 	
Content:	 <p>Unit 1</p> <ul style="list-style-type: none"> • Bodysuit/leotard • Introduction to the history and evolution of bodysuits/leotards. • Choosing suitable fabrics for bodysuit/leotard construction. • Understanding the importance of stretch, recovery, and durability. • Introduction to basic pattern drafting for bodysuits/leotards. • Incorporating cut-outs, mesh panels, and other embellishments. • Adding embellishments to enhance bodysuit/leotard designs. 	30 Hours
	<p>Unit 2</p> <ul style="list-style-type: none"> • Jacket foundation • Introduction to the history and evolution of jackets. • Understanding the diverse styles and functionalities of jackets. • Choosing suitable fabrics for jacket construction. • Introduction to basic jacket pattern drafting. • Creating a basic jacket pattern block. 	30 Hours

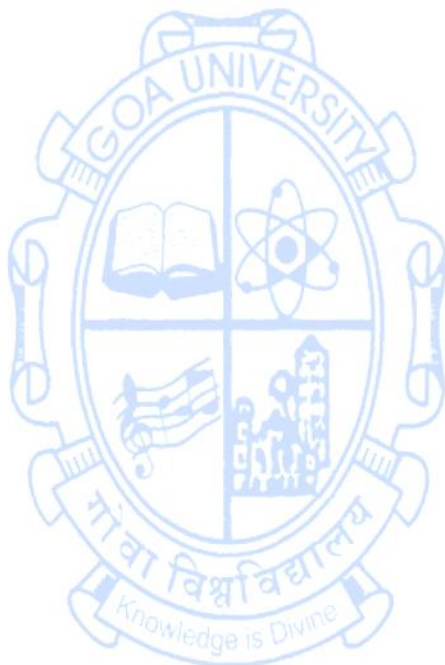
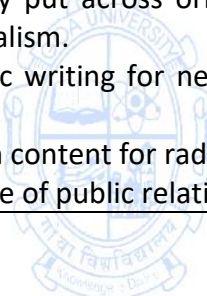
	<p>Unit 3</p> <ul style="list-style-type: none"> • Bridal Gowns/ evening wear. • Understanding the characteristics and style variations of Bridal Gown, and evening gowns. • Reviewing iconic bridal gown and evening gown designs. • Choosing suitable fabrics for gown construction. • Understanding the impact of fabric drape, texture, and weight. • Introduction to basic gown pattern drafting. • Ensuring proper fit and comfort through hands-on drafting/ sewing sessions. 	30 Hours
	<p>Unit 4 Advanced pattern-making using software.</p>	30 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Readings:	<ol style="list-style-type: none"> 6. Winifred Aldrich. (1999). <i>Metric Pattern Cutting for Women's Wear</i>: Wiley-Blackwell. 7. Joseph-Armstrong, H. (HJA). (2009). <i>Patternmaking for Fashion Design</i>: Pearson. 8. Jaffe, Hilde and Relis, Nurie, <i>Draping for fashion design</i>, Pearson Prentice Hall, 2012. 9. Connie Amaden Crawford, <i>The Art of Fashion and Design</i>, Fairchild Publications, 2018. 	
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Demonstrate a comprehensive understanding of draping women's strapless garments. 2. understand the technique of draping a corset. 3. Showcase practical skills in draping and pattern preparation through hands-on projects and assessments. 	

Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD-405
Title of the Course : Fashion Journalism (Theory)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD 302 Fashion Merchandizing and FAD – 306 Fashion Retail Management	
Course Objectives:	<ol style="list-style-type: none"> 1. To provide an in-depth understanding of creative communication in the context of the fashion design industry. 2. To put across original or curated fashion content for Fashion Journalism. 	
Content:	<p>Unit 1 Writing in the Fashion Environment</p> <ul style="list-style-type: none"> • Introduction to the business of Fashion and Communication • Writing at the Primary Level • Writing at the Secondary Level • Writing at the Retail Level • Writing at the Auxiliary Level: Fashion Journalism, Fashion Promotion, Fashion Services • The Writing Process and Communicating Ethically. <p>Writing for Newspaper</p> <ul style="list-style-type: none"> • Newspaper formats, categories, and production • Writing to be read • Writing headlines • Revising for newspaper • Changing trends in the newspaper industry. 	10 Hours
	<p>Unit 2 Writing for Magazines</p> <ul style="list-style-type: none"> • Introduction to magazines • Working for consumer magazines • Editorial calendar • Preparing the article • Getting published. <p>Writing for Broadcast Media</p> <ul style="list-style-type: none"> • Characteristics of the broadcast media • Characteristics of the broadcast News writing • Checklist for Broadcast Media writing tips • Characteristics of a story structure. 	

	<p>Unit 3</p> <p>Preparing Radio and Television Copy</p> <ul style="list-style-type: none"> • Names and Titles • Pronunciations • Abbreviations • Symbols and Numbers • Quotations and Attributions • Punctuations. <p>Writing for Advertisements</p> <ul style="list-style-type: none"> • Role of an Advertiser • Situational analysis • Purpose • Target audience • Media • Situational analysis format • Strategic Writing for Advertising • Advertising Appeals • Print Advertisements • Radio and Television Advertisements • Radio and Television Promotions. 	<p>20 Hours</p>
	<p>Unit 4</p> <p>Writing for Public Relations</p> <ul style="list-style-type: none"> • Role of PR • PR Plan • Relationship with News Media • Strategic writing for PR • News releases • Newsworthiness checklist • News release checklist • Announcements • Media Kits • Newsletter and Magazine stories • Pitch letter • Annual reports • Speeches • Fundraising letters. <p>Writing for New - Media</p> <ul style="list-style-type: none"> • New Media - The Internet • New Media Concerns • Characteristics of new media • Guidelines for Online Writing • Web Writing for Journalists • Web Writing for Promotions • Blog Writing <p>Future of Writing for New Media.</p>	<p>20 Hours</p>
<p>Pedagogy:</p>	<p>Lectures/ Tutorials/ Assignments/ Self-Study</p>	

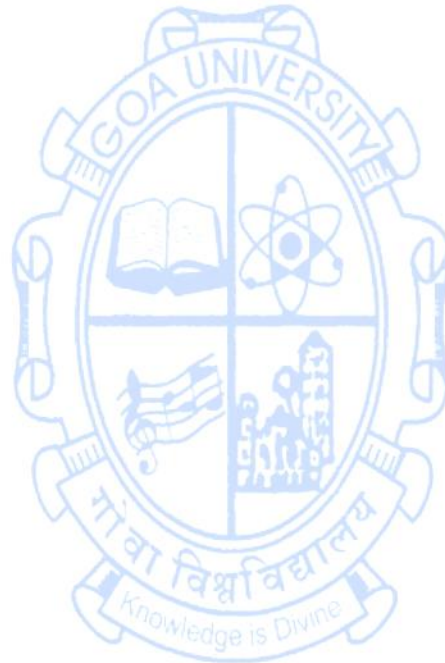
References/ Readings:	<ol style="list-style-type: none"> 1. Kristen Swanson and Judith Everette, Writing for the Fashion Business, Bloomsbury Publications, 2012. 2. Julie Bradford, Fashion Journalism, Routledge Publications, 2014.
Course Outcomes:	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Gain an in-depth understanding of creative communication in the context of the fashion design industry. 2. To successfully put across original or curated fashion content for Fashion Journalism. 3. Learn Strategic writing for newspapers, magazines, and broadcast media. 4. Curate fashion content for radio, television, and internet media. 5. Deliver the role of public relation officer for today's fashion.




Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 406
Title of the Course : Global Markets (Theory)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the course:	FAD 302 Fashion Merchandizing and FAD – 306 Fashion Retail Management	
Course Objectives:	1. To understand the global nature of the fashion industry and how cultures affect/ provide inspiration to the continuously changing industry.	
Content:	Unit 1 Fashion Trade – Then and Now Fashion Trade during the Silk Route / Road. Trade of Silk (130 BCE to 1453 CE.) Exchange of Ideas/ Techniques across borders.	15 Hours
	Unit 2 Manufacturing Clothing Before the Mid-19 th Century - Handmade and Custom Made. Industrial Revolution 1, 2 & 3 - Its impact on Fashion. Rise of Mass Production post World War II. Clothing Giants - Inditex, H&M, Uniqlo, M&S, GAP - How they changed the consumption of Fashion.	15 Hours
	Unit 3 The global nature of today’s fashion Manufacturing and Retail, <ul style="list-style-type: none"> • Rising Labor costs • Outsourcing. Ethical and Sustainability, issues in outsourcing and supply chain. Case Study on global manufacturing industries Industry 4.0 – and how it will shape the future of fashion.	15 Hours
	Unit 4 Current Trade Statistics - Largest manufacturers of apparel and textiles, raw materials. Largest importers and exporters. Luxury markets. Case Study on AEPC (Apparel Export Promotion Council)	15 Hours
Pedagogy:	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading:	1. Kristin Knox, Culture to Catwalk - how world cultures influence fashion, A&C publications under Bloomsbury, 2011. 2. Fashion, from the 18 th Century to the 20 th Century, Taschen Publication (Bibliotheca Universals), 2015.	
Course Outcomes:	After the completion of this course, the student will be able to: 1. Identify the different fashion markets, cultures, and requirements of different nations in terms of fashion and retail. 2. Gain knowledge of the Trading of Silk (130 BCE to 1453 CE) and the Exchange of Ideas/ Techniques across borders.	

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| | <ol style="list-style-type: none">3. Acquire learning about the Manufacturing of handmade and custom-made Clothing Prior to the Mid-19th Century and the rise of mass production post World War II.4. Understand Industrial Revolution 1, 2, and 3 - Its impact on Fashion.5. Gain knowledge of the global nature of today's fashion manufacturing and retail. |
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Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 407
Title of the Course : Fashion Business Management (Theory)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD 302 Fashion Merchandizing and FAD – 306 Fashion Retail Management	
Course Objectives:	<ul style="list-style-type: none"> To understand the criteria required for running a successful Fashion Business. 	
 Content:	Unit 1 <ul style="list-style-type: none"> Introduction to the business of fashion: Scope of fashion business, Business growth and expansion. Introduction to the fashion industry, its structure, and dynamics. Global fashion supply/ value chain - Introduction, marketing channels - Direct marketing, limited marketing, extended marketing. Marketing channel integration - Conventional marketing channels vertical marketing channels, dual distribution channels, multichannel distributions, Omni channel distribution. Marketing channel flows – Physical flow, ownership flow, information flow, payment flow, promotion flow. 	15 Hours
	Unit 2 <ul style="list-style-type: none"> Fashion brand strategies - Introduction, brand identity, brand positioning, and brand image. Fashion brand classification - International designer/luxury brand, National designer/luxury brands, private label brands, department stores private label brands, exclusive licensing brands, SPA retail brands, lifestyle brand. 	10 Hours
	Unit 3 <ul style="list-style-type: none"> Fashion brand licensing - Introduction, types of licensed names, images, and design - types like celebrity name licensing, designer name licensing, exclusive licensing for retailers, character and entertainment licensing, corporate licensing, nostalgic licensing, sports and collegiate licensing, event and festival licensing, art licensing. Development of licensed products - licensing contract - time limit, royalty payment, image, marketing and distribution, quality, advances, guarantees, notification of agreements to custom departments. Advantages and disadvantages of licensing. Business and legal framework of fashion business - Forms of ownership, business organization and company 	20 Hours

	<p>ownership, sole proprietorships - advantages and disadvantages, partnership - limited partnerships - advantages and disadvantages.</p> <ul style="list-style-type: none"> • Corporations - types - C-corporations, S-corporations, B-corporations - advantages and disadvantages, limited liability companies - Advantages and disadvantages. 	
	<p>Unit 4</p> <ul style="list-style-type: none"> • Entrepreneurship and new venture - Introduction, essentials for a successful venture, formalities of opening a firm, financial support from government and other private banks - term loan, working capital, project financing. • Certification and registration of the firm, GST regulations, PAN, government policies, and procedures followed to set up. • Boutique management - Introduction, location, space planning, workstation, display (Window display, product display) lighting, ambiance, presentation, visual communication, inventory control, logistics, and e-commerce sales. 	15 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	<ol style="list-style-type: none"> 1. Philip Kotler, "Principle of Marketing", Asoke. K Publishing, 8th edition, 1999. 2. Philip Kotler, "Marketing Management", Dorling Kindersley Publishing, 12th edition, 2007. 3. Gerald. J. Sherman and Sar. S. Perlman, The real-world guide to Fashion Selling & Management, Bloomsbury publication, 2015. 4. Kitty G Dickerson, "Inside the Fashion Business", Pearson, 7th edition, 2016. 5. Leslie Davis Burn, Kathy Mullet, "The Business of Fashion", Bloomsbury Publishing, 5th edition, 2016. 6. Michele M Granger, "Fashion Entrepreneurship", Bloomsbury Academic USA, 3rd edition, 2019. 	
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Identify and meet the criteria required for operating a Fashion Business. 2. Gain knowledge of fashion brand strategies and licensing. 3. Design and develop licensed products within the legal framework. 4. Start an entrepreneur and new venture in the fashion business with all the Government certification and registration. 5. Manage a Boutique encompassing various national and international marketable designs and styles with the own branding and labelling. 	

Name of the Programme : B. Sc. Fashion and Apparel Design
Course Code : FAD - 412
Title of the Course : Fashion Forecasting (Theory)
Number of Credits : 4
Effective from AY : 2023-24

Pre-requisites for the Course:	FAD 101 Fashion Thinking and Design Process	
Course Objectives:	<ol style="list-style-type: none"> 1. Identify the who, what, where, why, and when of Forecasting. 2. Define key terms and processes. 3. Explain the effects of changing fashion. 4. Identify key ideas and designers of each era. 5. Understand the direction and speed of change in fashion movement. 6. Learn to create and present the forecast. 	
Content:	Unit 1 Introduction to Fashion Forecasting Terminologies, who forecasts fashion? Why forecast and How is it done?	5 Hours
	Unit 2 Zeitgeist and Different eras in fashion Victorian and Charles Worth, Edwardian and World War I, Roaring Twenties and Flapper, Great Depression and World War II, New Look and Fashion Conformity, Mod and the Youth Revolution, Street Fashion and the 'Me' Generation, Postmodernism and Time of Excess, Global Fashion and Internet Explosion, New Millennium and Social Networking.	20 Hours
	Unit 3 Fashion Movement Fashion Cycles – introduction, rise, culmination, decline and obsolescence. Theories of Fashion Adoption. Pendulum Swings. Speed of Fashion Change and Forecasting the Movement of Fashion. Seasonal Trend Reports. Long-Term and Short-Term Forecasting. Target Segmentation. Consumer Behavior and Market Segmentation. Case studies of forecasting and predictions. Future Trends in Fashion Forecasting.	15 Hours

	<p>Unit 4 Social and Cultural Influences Social and Cultural Influences; Sociological and Physiological Influences on Fashion and how it shapes trends in Fashion. Collecting and Editing Information about various influences. Interpreting and analyzing Information about Long-Term Forecast. Analyzing Fashion Shows and Runway Trends. Utilizing Street Style for Trend Identification. Leveraging social media and Digital Platforms for Trend Spotting.</p> <p>Market Research and Identifying Theme, Colour, Textiles, Trims, Findings & Materials and Look for Forecast.</p> <p>Forecast presentation for the upcoming season or year.</p>	20 Hours
Pedagogy	Lectures/ Tutorials/Assignments/Self-Study	
References/ Reading	<ol style="list-style-type: none"> 1. Fashion Forecasting: Research Analysis & Presentation by Evelyn Brannon, 2004. 2. Fashion Forward -by Chelsea Rousso, Bloomsbury -2015 3. Fashion Trend Forecasting, by Gwyneth Holland, 2017. 	
Course Outcomes	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Students will be efficient in identifying a major and a minor trend. 2. Will be able to predict a Fashion Forecast successfully. 3. Work for Forecasting agencies with the requisite knowledge. 	

Name of the Programme : B.Sc. Fashion and Apparel design
Course Code : FAD-461
Title of the Course : Fashion Design - Dissertation
Number of Credits : 12
Effective from AY : 2023-24

Pre-requisites for the Course:	Completion of Semesters I to VII	
Course Objectives:	<ol style="list-style-type: none"> 1. To understand student's research and writing skills. 2. To showcase student's understanding of ideas as the source of discovery in the design process. 3. To showcase student's knowledge of methodology in conceiving, developing, and presenting a design project. 4. To understand student's capacity to integrate general education with formal considerations of design. 5. To understand student's comprehension and use of input provided by faculty, experts, and peers. 6. Understanding student's ability to assemble and translate elements into an integrated design. 	
Content:	<p>The Dissertation will be a documentation and demonstration of student's investigation/ findings on a particular topic. A student is required to initially work on Literature survey/ problem formulation/ adopted methodology/ Industry selection/ etc. on some latest areas of Fashion and Apparel technology or related field. The Examiners should ascertain that the project and report submitted are genuine.</p> <p>Unit-1 Proposal</p> <ol style="list-style-type: none"> 1. Synopsis 2. Literature Review 3. Case Study 4. Client/project requirements 5. Thrust area points – detailed research 6. Documentation <p>Unit-2 Concept Design</p> <p>Unit-3 Design / Product Development</p> <p>Unit-4 Data Collection and Interpretation</p> <p>Unit 5 Portfolio Presentation / Thesis Writing.</p>	360 Hours
Pedagogy:	Mentor guidance/ Discussion/ Review study/ Self-Study/ Hands-on	
References/ Readings:	NA	

<p>Course Outcomes:</p>	<p>After the completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Create garments that reflect creativity and innovation using foundational techniques achieved through shape, colour, silhouette, proportion, and fabrication. 2. Adapt and develop artistic abilities to form original fashion designs with an understanding of diverse fashion proportions, utilizing hand and digital rendering techniques. 3. Utilize information and communication technologies to research, evaluate, create, and communicate information as it relates to fashion design concepts at a foundational and advanced level. 4. Handle a complete project till the product finalization stage. 5. Students will gain confidence to work in the industry and take up projects.
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