



**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
(AUTONOMOUS)**

Vaniyambadi – 635 751

Department of Costume Design and Fashion Technology

for

Undergraduate Programme

Bachelor of Science in Costume Design and Fashion Technology

From the Academic Year 2024-25

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1. Preamble

The department was established in the year 2022

Costume design and fashion technology serve as mirrors reflecting the diverse tapestry of human identity and cultural heritage. From ceremonial robes to everyday attire, each garment tells a story, echoing the values, beliefs, and aspirations of individuals and societies. Through our study, we seek to unravel the intricate connections between attire and culture, acknowledging both the universality of certain motifs and the richness of regional variations. In the captivating world of costume design and fashion technology, where creativity knows no bounds and innovation reigns supreme, we embark on a journey of aesthetic exploration and technical mastery. With each stitch and fabric choice, we weave narratives that transcend time and space, encapsulating the essence of characters and cultures.

At the heart of costume design and fashion technology lies a dynamic interplay between tradition and innovation. By drawing upon historical influences, cultural motifs, and cutting-edge technology, designers push the boundaries of creativity, reshaping the way we perceive and interact with clothing. We celebrate the ingenuity of designers who embrace experimentation, sustainability, and inclusivity, envisioning garments that not only adorn the body but also elevate the spirit.

While aesthetics captivates the eye, functionality and wearability form the cornerstone of costume design and fashion technology. From haute couture to everyday wear, garments must harmonize with the demands of daily life, offering comfort, mobility, and practicality without compromising style. Through meticulous craftsmanship and innovative materials, designers strive to create garments that seamlessly blend form and function, empowering individuals to move with confidence and grace.

As custodians of style and taste, we bear a solemn responsibility to uphold ethical standards within the fashion industry. From supply chain transparency to labor practices and environmental sustainability, we recognize the imperative of fostering a more equitable and conscientious approach to garment production and consumption. By championing ethical fashion principles, we aspire to create a world where beauty is not achieved at the expense of human dignity or environmental stewardship.

Costume design and fashion technology thrive in an ecosystem of collaboration and community, where diverse perspectives converge to inspire and innovate. From designers and artisans to technologists and educators, we celebrate the contributions of individuals and organizations committed to advancing the frontiers of fashion. By fostering a culture of openness, dialogue, and mutual respect, we enrich our collective understanding of costume design and fashion technology, ensuring its enduring relevance and vitality.

Together, we embark on a quest to shape the future of costume design and fashion technology, where imagination knows no limits and innovation knows no bounds. Welcome to a world where creativity reigns supreme, and every garment tells a story waiting to be told.

PROGRAMME OUTCOMES (PO)

Programme	B.Sc., Costume Design and Fashion Technology
Programme Code	U19
Duration	3 years [UG]
Programme Outcomes	PO1: Disciplinary knowledge: Gain proficiency in various technical aspects of costume design and fashion technology, including pattern making, sewing techniques, draping, garment construction, and textile manipulation. PO2: Critical thinking: A solid understanding of the history of fashion, costume design, and textiles is often a key outcome. Students should be able to analyse and draw inspiration from historical and contemporary fashion trends. PO3: Analytical reasoning: Efficient collaboration with other professionals in the industry, such as fashion designers, costume designers, stylists, and manufacturers. Strong communication skills are essential for working in a team environment. PO4: Research-related skills: An understanding of ethical and sustainable practices within the fashion industry, including sourcing materials responsibly, reducing environmental impact, and promoting fair labour practices. PO5: Cooperation / Teamwork: Development of creative abilities and design sensibilities through projects, workshops, and critiques. They should be able to conceptualize and develop original designs for costumes and fashion pieces. PO6: Scientific reasoning: Familiarity with relevant software tools used in the fashion industry, such as CAD (Computer-Aided Design) software, Adobe Creative Suite, and other digital design tools. PO7: Reflective thinking: Graduate with a comprehensive portfolio showcasing their best work, demonstrating their skills, creativity, and ability to execute design concepts. PO8: Lifelong learning: Preparation for careers in costume design, fashion design, styling, textile design, costume supervision, and related fields. This may include internship opportunities, networking events, and career counselling services.
Programme Specific Outcomes:	PSO1 – Proficiency in Pattern Making and Garment Construction: Students should master the art of pattern making, including drafting patterns from scratch and modifying existing patterns to suit specific design requirements. They should also develop advanced skills in garment construction, ensuring that they can translate their designs from concept to wearable garments with precision and finesse. PSO2 -. Technical Skills in Textile Manipulation: Students should be proficient in various textile manipulation techniques, such as dyeing, printing, embellishment, and surface manipulation. This expertise allows them to experiment with different textures, finishes, and effects to enhance the visual impact of their designs. PSO3 – Knowledge of Costume Design for Different Mediums: Whether it's for film, television, theatre, or other performing arts, costume designers need to understand the specific requirements and challenges of each medium. Graduates should be familiar with industry standards, workflows, and techniques for costume design in various entertainment contexts.

	Graduates should have a polished portfolio showcasing their best work, including sketches, technical drawings, photographs of completed garments, and any relevant digital or multimedia presentations. Strong presentation skills are essential for effectively showcasing their talents and securing employment opportunities in the competitive field of costume design.
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Eligibility for Admission:

Candidates for admission to the first year of the Bachelor of Science in Costume Design and Fashion Technology course shall be required to have passed the Higher Secondary Examination by the Government of Tamil Nadu or any equivalent.

Methods of Evaluation and Assessment

Methods of Evaluation		
Internal Evaluation		25 Marks
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, Concept definitions	
Understand / Comprehend (K2)	Short essays, Concept explanations, short summary or overview	
Application (K3)	Suggest idea/concept with examples, Explain	
Analyze (K4)	Finish a procedure in many steps, Differentiate Between various ideas	
Evaluate (K5)	Longer essay, Critique or justify with pros and cons	
Create (K6)	Discussion	

Semester - I						
Code	Course Title	Hours Distribution				C
		L	T	P	S	
24UFTA11	Tamil – I	4	1	0	0	3
24UFUR11	Urdu – I					
24UFEN11	English – I	4	1	0	0	3
24UCDC11	CC – Fashion Designing	3	1	2	0	5
24UCDC12P	CC - 2 (Practical) Fashion Designing	0	0	4	0	3
24UCDA11	EC - 1 AL A) Care and Maintenance of Textiles	3	1	0	0	3
24UCDA12	B) Fashion Appreciation					
24UCDS11	SEC – 1 NM Apparel Designing	1	1	0	0	2
24UCDS12P	SEC – 2 Fashion Illustration Practical	0	0	2	0	2
24UCDF11	FC - Fiber to Fabric	1	1	0	0	2
					30	23

Semester - II						
Code	Course Title	Hours Distribution				C
		L	T	P	S	
24UFTA21	Tamil - II	4	1	0	0	3
24UFUR21	Urdu – II					
24UFEN21	English - II	4	1	0	0	3
24UCDC21	CC - 3 Basics of Garment Construction					
24UCDC22P	CC - 4 (Practical) Basics of Garment Construction	0	0	4	0	2
24UCDA21	EC - 2 AL A) Home Textiles	3	1	0	0	4
24UCDA22	B) Garment Accessories and Trims					
24UCDA23P	EC - 3 AL Practical A) Surface Embellishment Practical	0	0	2	0	2
24UCDA24P	B) Fashion Photography Practical					
24UCDS21P	SEC – 3 Fiber to Fabric Practical	0	0	2	0	2
24UAEC21	AEC – 1 LIFE SKILL FOR YOGA	1	1	0	0	2
					30	23

Semester - III						
24UFTA31	Tamil – III	4	1	0	0	3
24UFUR31	Urdu – III					
24UFEN31	English – III	4	1	0	0	3
24UCDC31	CC – 5 History of Costumes	3	1	2	0	5
24UCDC32P	CC - 6 (Practical) Garment Construction-Children's wear Practical	0	0	4	0	2
24UCDA31	EC - 4 AL A) Industry module - Industrial Garment Machineries	3	1	0	0	4
24UCDA32	B) Fashion Merchandising					
24UCDA33P	EC - 5 AL (Practical) A) Fashion Draping Practical	0	0	2	0	2
24UCDA34P	B) Pattern Making for Knits practical					
24UCDS31P	SEC – 4 Ornaments and Accessory making Practical	0	0	2	0	2
24UAEC31	AEC – 2 HUMAN VALUES AND PROFESSIONAL ETHICS	1	1	0	0	2
					30	23

Semester - IV						
24UFTA41	Tamil - IV	4	1	0	0	3
24UFUR41	Urdu – IV					
24UFEN41	English - IV	4	1	0	0	3
24UCDC41	CC – 7 Advance Garment Construction Techniques	3	1	2	0	5
24UCDC42P	CC - 8 Garment construction Adult Wear Practical	0	0	4	0	2
24UCDA41	EC - 6 AL A) Sustainable and Eco-Fashion	3	1	0	0	4
24UCDA42	B) Knitting					
24UCDA43P	EC - 7 AL (Practical) A) Eco Dyeing and Printing Practical	0	0	2	0	2
24UCDA44P	B) Knitting practical					
24UCDS41	SEC – 5 Fashion psychology	0	0	2	0	2
24UAEC41	AEC – 3 ENVIRONMENTAL STUDIES AND DISASTER MANAGEMENT	1	1	0	0	2
					30	23

Semester - V						
24UCDC51	CC -9 Fabric Structural Design	4	1	0	0	4
24UCDC52P	CC- 10 (Practical) Fabric Structural Design	0	0	4	0	4
24UCDC53	CC - 11 Computer Applications in Garment Industry	2	1	1	0	4
24UCDC54P	CC - 12 (Practical) Computer Aided Design I Practical	0	0	3	0	2
24UCDE51	EC – 8 A) The Business of Fashion	4	1	0	0	4
24UCDE52	B) Basics of Cosmetology					
24UCDE53P	EC – 9 A) Couture Design Development Practical	4	1	0	0	4
24UCDE54P	B) Cosmetology Practical					
24UAEC51	AEC – 4 Gender Equality and Social Inclusion	1	1	0	0	2
24UCDIN51	Internship					2
24UCDIK51	Indian Aesthetics and Fashion Studies				2	
					30	26

Semester - VI						
24UCDC61	CC - 13 Garment Quality and Cost Control	4	1	0	0	4
24UCDC62P	CC - 14 Practical Computer Aided Design II Practical	0	0	5	0	3
24UCDC63P	CC - 15 – Project with Viva- Portfolio Development	0	0	0	5	4
24UCDE61	EC - 10 A) Technical Textiles	4	1	0	0	4
24UCDE62	B) Fashion Trends and Forecasting					
24UCDE63	EC - 11 A) Apparel Brand Management	4	1	0	0	4
24UCDE64	B) Fashion and Media					
24UCDP61	PEC - 1 Communication and Work Ethics for Apparel Industry	1	1	0	0	2
24UCDL61	SLC - 1 Business startup				3	2
					30	23
					141+2*	

Students must complete at least one online course (MOOC) from platforms like SWAYAM, NPTEL, or Naan mudalvan within the fifth semester. Additionally, engaging in a specified Self-learning Course is mandatory to qualify for the degree, and successful participation will be acknowledged with an extra credit of 2*.

Part – 1 & 2	Tamil & English	4	SEC	Skill Elective Course	5
CC	Core Course	15	FC	Foundation Course	1
EC-AL	Elective Course – Applied	7	AEC	Ability Enhancement Course	4
EC	Elective Course - Major	4	SLC	Self-Learning Course	1

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC11	FASHION DESIGNING	CC I	3	1	2	0	5	6	25	75	100
Learning Objectives											
LO1	Impart knowledge on design concepts in the field of fashion										
LO2	Familiarize with the fashion cycles, consumers and theories										
LO3	Understanding the historical trajectory of fashion and its predictive trends to anticipate future style developments.										
LO4	Design suitable garments for unusual figure types										
LO5	Mastering the vocabulary and classifications essential for effective communication and analysis within the fashion industry.										
Unit	Content									Hours	
1	Design Elements and Principles: Design- definition and types– structural and decorative design, requirements of a good structural and decorative design in dress. Elements of design and its application in dress–line, shape or form, colour and texture. Principles of design and its application in dress–balance, rhythm, emphasis, harmony and proportion.									18HOURS	
2	Standard Colour Harmonies: Colour theories; Prang colour chart, Dimensions of colour- hue, value, and intensity. Standard colour harmonies–Related, Contrasting and Neutral colour harmony; Application of Colour in principles of design- application of the same in dress design									18HOURS	
3	Fashion Evolution and Fashion Forecasting: Fashion evolution– Fashion cycles, Length of cycles, consumer groups in fashion cycles– fashion leaders, fashion innovators, fashion motivation, fashion victim, Fashion followers. Adoption of Fashion theories– Trickle down, trickle up and trickle across. Fashion forecasting– Need for forecasting.									18HOURS	
4	Designing Dresses for Unusual: Designing dresses for unusual figures–becoming and unbecoming– for the following figure types. Stout figure, thin figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead.									18HOURS	
5	Fashion Terminologies and Fashion Profiles: Definition and meaning of the fashion terms– fashion, style, line and collection, Mannequin and dress forms; fashion show; high fashion; Haute couture, couture and couturier; knock-off; Avant Garde; Pret-a-porter. Role/qualities of a Fashion Designer, Fashion Stylist, Fashion Journalist, Fashion Merchandiser, Fashion Director.									18HOURS	

CO	Course Outcomes
CO1	Understand the design types, elements and principles of design
CO2	Appraise the colour combinations with standard colour harmonies
CO3	Interpret the fashion cycles, consumer groups and fashion theories
CO4	Develop dress design for unusual figure types
CO5	Define and describe the fashion terminologies and fashion profiles
Textbooks:	
1	Fashion Sketch Book– Bina Abbing, Fair Child Publications, New York Wardrobe,1988.
2	Art and Fashion in Clothing Selection–Mc Jimsey and Harriet, Iowa State University Press, Iowa,1973
Reference Books:	
1	Fashion From Concept to Consumer– Frings Gini Stephens, Pearson Education, US,1998.
2	Inside the Fashion Business–Kitty G. Dickerson, Pearson Education, US, 2007
Web resources:	
1	https://www.apparesearch.com/terms/index.html
2	https://www.instyle.com/fashion
3	https://prezi.com/1tlwgnhvigs-/fashion-elements-and-principles-of-design/

Mapping with Programme Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	3	2	2	2	3	2	3	2	2	2
CO2	2	3	2	2	2	3	2	3	2	2	2
CO3	2	3	2	2	2	3	2	3	2	2	2
CO4	2	3	2	2	2	3	2	3	2	2	2
CO5	2	3	2	2	2	3	2	3	2	2	2
Total	10	15	10	10	10	15	10	15	10	10	10
Average	2	3	2	2	2	3	2	3	2	2	2

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDP12	FASHION DESIGNING PRACTICAL	CC II	0	0	4	0	3	4	25	75	100
Learning Objectives											
LO1	Familiarize with different colour theories.										
LO2	Familiarize with the elements of design.										
LO3	Familiarize with the principles of design										
LO4	Play with colours following the standard colour harmonies										
LO5	Create garment design for various seasons on fashion figures										
Unit	Content									Hours	
1	Prepare the following Charts: • Prang colour Chart • Value Chart • Intensity chart									8 HOURS	
2	Illustrate Garment Designs for the Elements of Design: • Line • Texture • Shape									12 HOURS	
3	Illustrate Garment Designs for Principles of Design: • Balance (Formal and Informal) • Harmony • Emphasis • Proportion • Rhythm (by Repetition, Gradation and Line Movement)									14 HOURS	
4	Illustrate the Colour Harmony in Dress Design: • Monochromatic • Analogous • Complimentary • Double complementary • Split complementary • Triad • Neutral									14 HOURS	
5	Create Garments for the Following Seasons: • Summer • Winter • Autumn • Spring									12 HOURS	

CO	Course Outcomes
CO1	Develop Prang colour chart, value and intensity chart
CO2	Sketch garment designs following the various elements of design
CO3	Sketch garment designs following the various Principals of design
CO4	Apply the principles of design and colour harmonies in garments design
CO5	Create garment designs for various seasons
Textbooks:	
1	Fashion Sketch Book, Bina Abbing, Fair Child Publications, New York Wardrobe,1988.
2	Illustrating Fashion, Kathryn Mc Kelvey and Janine Mun slow, Black well Science,1997.
Reference Books:	
1	Art and Fashion in Clothing Selection, McJimsey and Harriet, Iowa State University Press, Jowa,1973.
Web resources:	
1	https://www.idrawfashion.com/
2	https://www.fashionistasketch.com/drawing-faces-fashion-illustration/
3	https://in.pinterest.com/pin/458804280762797371/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	3	2	2	3	2	3	2	3
CO2	3	3	2	3	2	2	3	2	3	2	3
CO3	3	3	2	3	2	2	3	2	3	2	3
CO4	3	3	2	3	2	2	3	2	3	2	3
CO5	3	3	2	3	2	2	3	2	3	2	3
Total	15	15	10	15	10	10	15	10	15	10	15
Average	3	3	2	3	2	2	3	2	3	2	3

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA11	A)CARE AND MAINTANENCE OF TEXTILES	EL-AL I	3	1	0	0	3	4	25	75	100
Learning Objectives											
LO1	Gain knowledge on suitable methods of softening water, manufacturing process of soap and detergents										
LO2	Gain a better understanding method in taking proper care of the clothing.										
LO3	Impart knowledge on machines and equipment's used in the washing, storing and ironing process.										
LO4	Familiarize with laundering of different fabrics.										
LO5	Impart knowledge on the types of wash care labels and their meaning										
Unit	Content									Hours	
1	Water and Laundry Soaps: Water hard and soft water, methods of softening water. Laundry soaps, composition of soap, types of soap, soap less detergents, detergent manufacture, advantages of detergents, Manufacturing process of soap and detergents									12 HOURS	
2	Finishes and Stain Removal: Finishes– Stiffening Agents – Starch (cold water and hot water), Other stiffening agents, preparation of starch and laundry blues, their application. Stain removal common methods of removing stains; food stains, lead pencil, lip stick, mildew, nose drops, paint, perfume, perspiration/mildew, tar, turmeric and kum - kum.									12 HOURS	
3	Washing, Drying and Ironing: Washing – Points to be noted before washing. Machine– types semi-automatic and fully automatic; Drying equipment's– Indoor and outdoor drying. Iron box, types- automatic iron box and steam iron. Ironing board – different types.									12 HOURS	
4	Laundering of Different Fabrics: Laundering of different fabrics– cotton and linen, woollens, coloured fabrics, silks, rayon and nylon. Special types of Laundry– waterproof coats, silk ties, leather goods, furs, plastics, lace.									12 HOURS	
5	Storing, Dry Cleaning and Care Labels: Storing – Methods of storing clothes, best way to store clothes. Dry cleaning– Benefits, differences between dry cleaning and laundry, Steps in dry cleaning Care labels–Importance and Types- The International Care Labelling System, The Japanese Care Labelling System, The Canadian Care Labelling System, The European Care Labelling System, The American Care Labelling System.									12 HOURS	

CO	Course Outcomes
CO1	Identify suitable methods of washing, drying, ironing and storing
CO2	Understand the wash care labels and act accordingly
CO3	Appraise the types of equipment used in the care of fabrics
CO4	Recognize the need for dry cleaning for fabrics
CO5	Evaluate the methods and equipment to be used for a better life of clothes
Textbooks:	
1	Wingate IB, Textiles fabrics and their Selection, Prentice-Hall Inc Publishers,1946
2	Fundamentals of Textiles and their Care-Susheela Dan Tyagi, Orient LongmannLtd,1980
Reference Books:	
1	Mildred T. Tate and Glisson O, Family Clothing, John Wiley & Sons Inc, Illinois,1961
2	Durga Deulkar, Household Textiles and Laundry Work, Amla Ram & Sons, Delhi,1951
Web resources:	
1	https://ncert.nic.in/textbook/pdf/kehe204.pdf
2	https://embrace.harchan.com/doc/nios/homescience/Ch9_Care%20and%20Maintenance%20of%20Fabrics_Word%20Doc_PDF.pdf
3	https://www.studocu.com/in/document/university-of-kota/home-sc-i/14care-and-maintenance-of-fabrics/54476154

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	2	2	2	2	2	3	2	3	2	3
CO2	2	3	2	3	3	2	3	2	3	2	3
CO3	2	3	2	2	2	2	3	2	3	2	3
CO4	2	3	2	2	2	2	3	2	3	2	3
CO5	2	2	2	2	2	2	3	2	3	2	3
Total	10	13	10	11	11	10	15	10	15	10	15
Average	2	2.6	2	2.2	2.2	2	3	2	3	2	3

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA12	b) FASHION APPRECIATION	EL-AL I	3	1	0	0	3	4	25	75	100
Learning Objectives											
LO1	To introduce various art forms to the students by classroom teaching, case studies, pictorial presentation and craft tools.										
LO2	To engage the students to work on types of fashion and art forms by making them to create miniature models.										
LO3	Impart knowledge on Fashion styles.										
LO4	Import knowledge on Art of writing.										
LO5	To introduce knowledge on fashion photography.										
Unit	Content								Hours		
1	Introduction To Fashion: Introduction to fashion–Types of Fashion: Haute Couture fashion– Ready-to-wear fashion Mass market fashion - Fashion cycle.								12 HOURS		
2	Fashion Styles: Types of fashion styles: chic, bohemian, vintage, preppy, artsy, tomboy. Alternative clothing style: Punk Fashion, Gothic Fashion, hipster, steam punk, street grunge, Heavy metal fashion								12 HOURS		
3	Art Forms: Fashion as Cultural Indicators, Cross Culture Studies, Role of fashion in human culture, Fashion Adoptions– sources of inspiration and their selection. World Art–Cubism, Pop art, German expression, Futurism								12 HOURS		
4	Art of Writing: Art Writing, writing for blogs, mind mapping and keyword selection, working as a creative team with freelancing stylist. Creating story, content preparation for art and styling, working on concept boards, setting trends, curating and narrating, fashion forecasting.								12 HOURS		
5	Photoshoot: Styling and basic grooming– model poses based on garment– final photo shoot and outcome.								12 HOURS		

CO	Course Outcomes
CO1	Remember the basics of fashion concepts
CO2	Understand fashion styling, role of fashion and forecasting
CO3	Apply the concepts of styling as freelancing and photo shooting.
CO4	Analyze the various cultural adoption and world art.
CO5	Create world art and writing based on fashion concepts
Textbooks:	
1	Louvre: all the Paintings, Anja Grebe, Black Dog & Leventhal, NewYork,2020
2	Printers of the Mughal Garden, Brigitte Singh, Bishwadeep Maitra, Mappin Publishing Pvt, Ltd
3	Think Like an Artist, Will Gompertz, Penguin Publishers, London,2016.
Reference Books:	
1	Post Modernism–A Very Short Introduction, Christopher Butler, Oxford University Press, UttarPradesh,2002.
2	Indian Art, Parthe Mitter, Oxford University Press, UttarPradesh,2001
Web resources:	
1	https://www.masterclass.com/articles/types-of-fashion-styles
2	https://www.kokuyocamlin.com/camel/techniques/art-reporter/famous-painting-styles-of-the-world
3	https://sewport.com/learn/fashion-photoshoot

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	2	2	2	2	3	3	2	2	2	3
CO2	2	2	2	2	2	3	3	2	2	2	3
CO3	2	2	2	2	2	3	3	2	2	2	3
CO4	2	2	2	2	2	3	3	2	2	2	3
CO5	2	2	2	2	2	3	3	2	2	2	3
Total	10	10	10	10	10	15	15	10	10	10	15
Average	2	2	2	2	2	3	3	2	2	2	3

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDS11	APPAREL DESIGNING	SEC- I	1	0	1	0	2	2	25	75	100
Learning Objectives											
LO1	Teach the basics of the functions of the sewing machine and the essential tools										
LO2	To Explain the techniques of seams and seam finishes.										
LO3	Understand the types of sleeves.										
LO4	Understand the types of yoke and pockets.										
LO5	Understand the types of collars.										
Unit	Content									Hours	
1	Essential tools of sewing: Parts and functions of a single needle machine, essential tools– cutting tools, measuring tools, marking tools, general tools, pressing tools									6 HOURS	
2	Seam & seam finishes: Seams and seam finishes – types, working of seams and seam finishes Hems–types, stitches used. Fullness-definition, types. Darts, tucks, pleats.									6 HOURS	
3	Sleeves: Sleeves – definition, types, set-in-sleeves – plain sleeve, puff sleeve, bishop sleeve, bell, circular. Modified armhole–squared arm hole. Cap sleeve and Magyar sleeve									6 HOURS	
4	Yoke & pocket: Yokes types, simple yoke, yoke with fullness with in the yoke, yoke supporting releasing fullness. Pockets – types–patch pocket, bound pocket, pocket in a seam.									6 HOURS	
5	Collars: Collars – definitions, types, peter pan, scalloped, puritan, square, rippled, full shirt collar, Chinese, shawl collar									6 HOURS	

CO	Course Outcomes
CO1	Describe the functions of a sewing machine and the tools needed for sewing
CO2	Compare the methods of preparing pattern
CO3	Appraise the types of sleeves
CO4	Analyze the types of yokes and pockets
CO5	Appraise the types of collars
Textbooks:	
1	Practical Clothing Construction– Part I and II, Mary Mathews, Cosmic Press, Chennai (1986)
2	The Complete Book of Sewing–Dorling Kindersley Limited, London (1986)
3	Sewing and Knitting –A Readers Digest, step-by–step guide, Readers Digest Pvt Ltd, Australia
4	Zarapker system of cutting– Zarapker. K.R., Navneet publicationsLtd,1994.
Reference Books:	
1	Pattern Grading for Women’s clothing, The technology of sizing, Gerry Cooklin, Blackwel lScienceLtd,1990.
2	Sewing and Knitting–A Readers Digest, Step-by-Step Guide, Readers Digest Pvt Ltd, Australia,1993.
Web resources:	
1	http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827
2	https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methods-apparel.html
3	https://textilelearner.blogspot.com/2014/10/a-focus-on-garments-fitting.html
4	https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	2	2	3	2	3	3	2	2
CO2	3	3	2	2	2	3	2	2	3	2	2
CO3	3	3	2	2	2	3	2	2	3	2	2
CO4	3	3	2	2	2	3	2	2	3	2	2
CO5	3	3	2	2	2	3	2	2	3	2	2
Total	15	15	10	10	10	15	10	11	15	10	10
Average	3	3	2	2	2	3	2	2.2	3	2	2

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDS12	FASHION ILLUSTRATION PRACTICAL	SEC- 2	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	Impart skills in drawing and drawing techniques										
LO2	Impart various rendering techniques and patterns.										
LO3	Practice Human figure with head theories										
LO4	Create sketches of different parts of a human body in different perspectives										
LO5	Illustrate garments using color										
Unit	Content								Hours		
1	Basic Techniques: • Practicing dot, line, shape • Practicing shading techniques • Practicing light and dark shadows								6 HOURS		
2	Rendering Techniques and Pattern: • Texturing of fabrics, objects • Different Patterns Create different accessories for men and women: Footwear, Hats, Bags, Goggle, Jewellery								6 HOURS		
3	Human Figure with Head Theories: • Practicing with body lines and postures (sticky figure) • Practicing with geometric shapes for human figure drawing and postures (block figure) • Structuring the human figure (Fleshy figure) • Child-6head. • Women-8 head,10 head and 12 head. • Man-10head								6 HOURS		
4	Illustrate the Following in Different Perspectives: • Practicing face, eye and eyebrow, nose, mouth, ear, lips, hands, arms, feet, legs, hairstyles • Front view • Three quarter turned view • Profile view (side view)								6 HOURS		

5	Illustrate the Following Garments Using Colour with any Medium Skirts, Ladies tops, Maxi/Gown, Dungarees, T-Shirts, Shirts, Pants	6 HOURS
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CO	Course Outcomes
CO1	Illustrate garment designs for children
CO2	Illustrate garment designs for women
CO3	Illustrate garment designs for men
CO4	Sketch the parts of the body in various perspectives
CO5	Sketch different views of male and female face
Textbooks:	
1	Fashion Design Drawing and Presentation, Ireland Patrick John, Pavilion Books,1982.
2	Fashion Design Illustration: Children, Ireland Patrick John, BTBats ford Ltd,1995.
3	Fashion Design Illustration: fas Men, Ireland Patrick John, BTBats fordLtd,1996.
Reference Books:	
1	Fashion Illustration, Kiper Anna, David & Charles, 2011.ISBN:9780715336182.
2	Foundation in fashion design and illustration – Julian Seaman, Batsford Publishers, 2001.
Web resources:	
1	https://www.idrawfashion.com/
2	https://www.fashionistasketch.com/drawing-faces-fashion-illustration/
3	https://in.pinterest.com/pin/458804280762797371/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	3	2	2	3	2	2	2	2
CO2	3	3	2	3	2	2	3	2	2	2	2
CO3	3	3	2	3	2	2	3	2	2	2	2
CO4	3	3	2	3	2	2	3	2	2	2	2
CO5	3	3	2	3	2	2	3	2	2	2	2
Total	15	15	10	15	10	10	15	10	10	10	10
Average	3	3	2	3	2	2	3	2	2	2	2

3 – Strong, 2- Medium, 1- Low

1st YEAR: FIRST SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDF11	FIBER TO FABRIC	FC	1	1	0	0	2	2	25	75	100
Learning Objectives											
LO1	Impart knowledge on the manufacturing process of fabric from the fibre										
LO2	Teach the methods and techniques involved in the fibre, yarn and fabric manufacturing process										
LO3	To know the spinning process and importance of yarn										
LO4	Know the trends and technologies followed in the textile industry										
LO5	To understand knitting and non-woven fabric										
Unit	Content								Hours		
1	Fiber Classification, Natural Fibers: Introduction to Textiles Fibers – classification of fibres– primary and secondary characteristics of Textile Fibers Manufacturing process, properties and uses of natural fibres –cotton, linen, Jute, silk, wool. types of silk								6 HOURS		
2	Regenerated and synthetic fibres: Manufacturing process, properties, and uses of man-made fibres –Viscose rayon, nylon, polyester. Brief study on polymerization, bamboo, spandex, Micro fibres & its properties. Texturization: Objectives, Types of textured yarns & Methods of Texturization								6 HOURS		
3	Yarn manufacturing: Spinning– Definition and classification; Chemical and mechanical spinning; Cotton Yarn Production sequence and objectives-opening, cleaning, doubling, carding, combing, drawing, roving, spinning. Yarn-Definition and classification-simple and fancy yarns. Yarn numbering systems								6 HOURS		
4	Weaving Mechanism: Classification of fabric forming methods – Weaving preparatory processes and its objectives – Warping, Sizing and Drawing –in. Weaving mechanism-Primary, secondary & auxiliary motions of a loom. Parts and functions of a simple loom; Classification of looms. Shuttle looms, its advantages-Types of shuttleless looms– Rapier–Projectile–Airjet– Waterjet								6 HOURS		
5	Knitting and Non-Woven Fabrics: Knitting- Definition, classification. Principles of weft and warp knitting –Terms of weft knitting. Classification of knitting machines. Characteristics of basic weft knit structures. Introduction to Non-Wovens- Application and uses.								6 HOURS		

CO	Course Outcomes
CO1	Classify fibres and understand the manufacturing and properties of natural fibers
CO2	Discover the manufacturing process of manmade fiber
CO3	Understand the yarn types and its manufacturing process
CO4	Describe the weaving methods and its characteristic features
CO5	Gain an understanding of knitting and non-wovens
Textbooks:	
1	Handbook of Technical Textiles Volume I- Edited by A R Horrocks and S C Anand, Wood head publishing Ltd, England, 2016
2	Handbook of Technical Textiles- Edited by AR Horrocks and SC Anand, Wood Head publishing Ltd, England, 2000.
3	Handbook of Technical Textiles, Volume2: Technical Textile Applications–Edited by A. Richard Horrocks and Subhash C. Anand, Wood Head publishing Ltd, England,2016
Reference Books:	
1	Textile Mechanisms in Spinning and Weaving Machines, Ganapathy Nagarajan, Wood head Publishing India in Texiles,2014
2	Mechanisms of Flat Weaving Technology, Elena V, Chepelyuk, Palitha Bandara and Valeriy V Choogin; Woodhead Publishing series in Textiles, 2013
3	Hand book of fiber science and Technology, Menachem Lewin and Stephen B Sello, Marcel Dekker, Inc, NewYork,1984
Web resources:	
1	http://textilefashionstudy.com
2	https://fashion2apparel.blogspot.com/2017/07/classification-loom.html
3	https://www.india.org/about-nonwovens/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	2	3	3	3	2	2	3	2	3	2
CO2	3	2	3	3	3	2	2	3	2	3	2
CO3	2	2	3	3	3	3	2	3	2	3	2
CO4	2	3	3	3	3	3	2	3	2	3	2
CO5	2	2	2	3	3	3	2	3	2	3	2
Total	11	11	13	15	15	13	10	15	10	15	10
Average	2.2	2.2	2.6	3	3	2.6	2	3	2	3	2

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC21	BASICS OF GARMENT CONSTRUCTION	CC 3	3	2	1	0	5	6	25	75	100
Learning Objectives											
LO1	Teach the basics of the functions of the sewing machine and the essential tools										
LO2	Understand the types of sleeves										
LO3	Understand the Function of Collars and Yokes										
LO4	Explain the techniques of pattern making and Grading										
LO5	Analyze the Impact of Fitting, Pattern Alterations and Grading.										
Unit	Content									Hours	
1	Essentials of Sewing and Body measurement: Parts and functions of a single needle machine, essential tools–Cutting tools, Measuring tools, Marking tools, Pressing tools, Sewing tools and Miscellaneous tools, Care & maintenance of sewing machine. Body measurement– importance, Method of taking measurements for Children, Women and Men.									18 HOURS	
2	Sleeves and Its Types: Sleeves–definition, types - set-in-sleeves–plain sleeve, puff sleeve, bishop sleeve, bell, circular, cap sleeve. Magyar sleeve, Sleeve and bodice combined – raglan, kimono and dolman, Modified armhole – squared armhole.									18 HOURS	
3	Types of Collars and Yokes: Collars– definitions, types - peter pan, scalloped, puritan, sailor, square, rippled, full shirt collar, open collar, chinese, turtleneck, shawl collar. Yokes–types, simple yoke, yoke with fullness within the yoke, yoke supporting/releasing fullness.									18 HOURS	
4	Pattern Making: Pattern Making– Types; Drafting, Draping and Commercial Patterns; Principles of Pattern Making. Advantages and Limitations. Methods of transferring pattern markings; Grain–Importance, its types;									18 HOURS	
5	Fitting, Pattern Alteration, Layout and Grading: Fitting-Standards of a good fit, Standard Measurements and its importance in its fit. Pattern alteration – importance of altering patterns, general principles for pattern alteration. Pattern layout-definition, purpose, rules in layout, types of layouts. Pattern grading (manual)– definition, basic front, basic back, basic sleeve									18 HOURS	

CO	Course Outcomes
CO1	Describe the functions of a sewing machine and the tools needed for sewing
CO2	Compare the methods of preparing pattern making and fitting
CO3	Appraise the types of sleeves
CO4	Analyze the types of collars and yokes
CO5	Appraise the techniques in pattern layout, alteration and grading
Textbooks:	
1	Practical Clothing Construction– Part I, Mary Mathews, Cosmic Press, Chennai,1986.
2	Practical Clothing Construction–Part II, Mary Mathews, Cosmic Press, Chennai, 1986.
3	Zarapker system of cutting–Zarapker. K. R., Navneet publications Ltd,1994.
Reference Books:	
1	Pattern Grading for Women’s clothing, The technology of sizing, Gerry Cooklin, Blackwell Science Ltd,1990.
2	Sewing and Knitting– A Readers Digest, Step-by-Step Guide, Readers Digest Pvt Ltd, Australia,1993.
Web resources:	
1	http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827
2	https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methods-apparel.html
3	https://textilelearner.blogspot.com/2014/10/a-focus-on-garments-fitting.html
4	https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	2	3	1	2	2	1	3	2	1
CO2	3	2	2	2	1	1	2	1	3	2	1
CO3	3	3	3	2	1	2	2	1	1	3	2
CO4	3	3	3	2	1	2	2	1	1	3	2
CO5	3	2	2	3	1	1	2	1	3	2	3
Total	15	12	12	12	5	8	10	5	11	12	9
Average	3	2.4	2.4	2.4	1	1.6	2	1	2.2	2.4	1.8

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC22P	BASICS OF GARMENT CONSTRUCTION PRACTICAL	CC4	0	0	4	0	2	4	25	75	100
Learning Objectives											
LO1	Demonstrate Proficiency in hand stitches										
LO2	Familiarize with seams and seam finishes										
LO3	Familiarize with fullness techniques										
LO4	Creating samples for finishes										
LO5	Create samples for fasteners										
Unit	Content								Hours		
1	Prepare Samples for the following Hand Stitches • Even basting • Uneven basting • Hems- narrow, stitched and turned, hems for circular shape								12 HOURS		
2	Prepare Samples for the following Seams and Seam finishes • Seams–Plain seam, top stitched seam, piped seam, lapped seam, bound seam, French seam, flat fell seam • Seam Finishes– Pinked seam, over casting								12 HOURS		
3	Prepare Samples for the following Fullness techniques • Darts –single and double • Tucks –Pintuck, cross tuck, Twisted tucks • Pleats – Knife Pleats, Box Pleats, Inverted Box Pleats, pinched.								12 HOURS		
4	Prepare Samples for the following Finishes • Gathering – Hand & Machine • Shirring- Thread, Elastic, Cord • Smocking – Canadian, French • Ruffles - frills- flounces • Neckline Finishes–Bias facing, Single bias binding, double bias binding.								12 HOURS		
5	Prepare Samples for the following Fasteners • Plackets- continuous placket, bound placket and faced placket, zipper placket, tailored placket • Fasteners–Press buttons, Hook and eye, Button and Buttonhole, Zippers • Pocket–Patch pocket, side seam pocket, bound and faced pocket.								12 HOURS		

CO	Course Outcomes
CO1	Develop samples for Hand Stitches
CO2	Develop samples for seams, seam finishes and hems
CO3	Create samples for different fullness techniques
CO4	Construct samples for different finishes techniques
CO5	Construct samples for different fasteners
Textbooks:	
1	Practical Clothing Construction–Part I, Mary Mathews, Cosmic Press, Chennai,1986.
2	Practical Clothing Construction–Part II, Mary Mathews, Cosmic Press, Chennai,1986
3	Zarapker system of cutting–Zarapker. K. R., Navneet publications Ltd,1994
Reference Books:	
1	Sewing and Knitting–A Readers Digest, Step-by-Step Guide, Readers Digest Pvt Ltd, Australia, 1993.
Web resources:	
1	http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827
2	https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methods-apparel.html
3	https://textilelearner.blogspot.com/2014/10/a-focus-on-garments-fitting.html
4	https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	1	2	2	2	2	1	1	2	3	1
CO2	3	1	2	2	2	2	1	1	2	3	1
CO3	3	1	2	2	2	2	1	1	2	3	1
CO4	3	1	2	2	2	2	1	1	2	3	1
CO5	3	1	2	2	2	2	1	1	2	3	1
Total	15	5	10	10	10	10	5	5	10	15	5
Average	3	1	2	2	2	2	1	1	2	3	1

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA21	A) HOME TEXTILES	EL-AL	3	1	0	0	4	4	25	75	100
Learning Objectives											
LO1	Impart knowledge on the various home textile products										
LO2	Gaining sights on floor and wall coverings										
LO3	Impart knowledge on door and window treatment										
LO4	Gaining sights on the living and bed linens										
LO5	Acquire better understanding on the choice of fabrics for the home textile products										
Unit	Content									Hours	
1	Home Textiles–An Introduction Introduction to home textiles, definition, types of home textiles, factors influencing selection of home textiles, recent trends in home textiles									12 HOURS	
2	Floor and Wall Covering Floor and wall coverings–definition, types of floorcoverings–hard, soft and resilient floorcoverings and uses and care and maintenance of floor coverings. Wall covering–definition, uses, care and maintenance of wallcoverings									12 HOURS	
3	Door and Window Treatments Door and window treatments – definition and parts of door and windows, curtains and draperies – definition and materials used for curtains and draperies. Types of Curtains– draw, tailored, pleated, cafe, three tier curtains. Types of Draperies–swags. Accessories rodshook, rails, racks, curtain tape pins									12 HOURS	
4	Soft Furnishings for Living and Bed Linen Introduction to living and bedroom linens, types of sofa, sofa covers, wall hangings, cushion, cushion covers, upholsteries, bolster and bolster covers, bedsheets, covers, blankets, blanket covers, comfort and comfort covers, bedspreads, mattress and mattress covers, pillow and pillow covers, pads, uses and care.									12 HOURS	
5	Soft Furnishings for Kitchen and Dining Soft furnishings for kitchen and dining, types of kitchen linens– kitchen towel, aprons, dishcloth, fridge, grinder and mixie covers, mittens, fridge holders– their uses and care. Types of dining-table mat, dish/potholders, cutlery holder, fruit baskets, hand towels uses and care. Bathroom linens–types, uses and care									12 HOURS	

CO	Course Outcomes
CO1	Classify the home textile products
CO2	Understand the types of floor and wallcoverings
CO3	Distinguish curtains and draperies
CO4	Describe the types of soft furnishings
CO5	Discover the types and functions of kitchen linen
Textbooks:	
1	Home Comforts-The Arts and Science of Keeping Home, Cheryl Mendelson, Scriber, New York, 2005
2	Cushions and Pillows-Professional Skills– Made Easy, Hamlyn Octopus, Octopus Publishing Group, New York, 2001
3	The Ultimate Sewing Book 200 Sewing Ideas for You and Your Home, Magi Mc Cormick Gordon, Collins and Brown, London, 2002
Reference Books:	
1	Design and make curtains, Heather Luke, New Holland publishers, London,1999
2	Cornucopia of Cushions, Susie Johns, Apple Press, London,1997
3	Artin Everyday Life, Harriet Goldstein and Vetta Goldstien, The Macmillian Company,2004
4	Performance of Home Textiles, Subrata Das, Wood head Publishing India Pvt.Limited,2010
Web resources:	
1	https://www.topciment.com/en-in/new/wall-coverings-types-advantages-and-professional-advice
2	https://magiclinen.com/blogs/blog/what-is-bed-linen?srsId=AfmBOoqkSpY_ORpTC09m3X8iYb6rblWLejT0cF8JyyTeQ4HSNZZKqtgU
3	https://admin.umat.edu.pk/Media/Site/std1/FileManager/2020/Articles2020/Soft%20furnishings.pdf

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	2	2	2	1	2	1	1
CO2	3	3	3	3	2	2	1	1	2	1	1
CO3	3	3	3	3	2	3	2	1	2	1	1
CO4	3	3	3	3	2	3	2	2	2	1	1
CO5	3	3	3	3	2	3	2	1	2	1	1
Total	15	15	15	15	10	13	9	6	10	5	5
Average	3	3	3	3	2	2.6	1.8	1.2	2	1	1

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA22	b) GARMENT ACCESSORIES AND TRIMS	EL-2 AL	3	1	0	0	4	4	25	75	100
Learning Objectives											
LO1	Educate about various types of trims and accessories used in apparels										
LO2	Teach about the quality parameters for sewing threads and embroidery threads										
LO3	Educate about different types and quality parameters for closures										
LO4	Teach about the supporting and decorative trims										
LO5	To familiarize with packing accessories										
Unit	Content									Hours	
1	Garment Accessories Introduction to garment accessories – Selecting garment accessories –Types of garment accessories: Basic accessories- Decorative accessories- Finishing accessories – Accessories for children's wear -Safety issues for different accessories in children's garment- small parts: choking hazards -Decorative trims and Embellishments									12 HOURS	
2	Sewing and Embroidery Threads Sewing threads-types-monofilament, multifilament, textured thread, core spun – Thread Construction–Quality parameters applicable to sewing threads and testing- Embroidery threads–types- silk, metallic, sashiko thread, crewel yarn, Quality requirements–Quality evaluation of embroidery thread									12 HOURS	
3	Closures Zippers, Buttons, Elastic, Draw strings, Stopper Velcro, Buckle, Rivet, Eyelet, Snap fastness, Hooks –types–Methods of application–Quality parameters									12 HOURS	
4	Supporting and Decorative Trims Lining, Interlining, Fusing foam, Lace, Appliqué, Sequins-types–Application techniques– Quality requirements.									12 HOURS	
5	Packing Accessories Tags, Poly bags, Hangers, Cartons, Barcode, Numbering Stickers, Labels, Wrappers and Tissues– its types–Latest innovation in packing accessories.									12 HOURS	

CO	Course Outcomes
CO1	Distinguish the types of accessories used in garment
CO2	Differentiate the types of sewing and embroidery threads
CO3	Assess the various types of closures used in apparels
CO4	Learn about the various types of trims used
CO5	List out the quality requirements for packing accessories
Textbooks:	
1	Fashion Apparel Accessories and Home Furnishing's, Diamond Professor Emeritus, Jay; Diamond Adjunct Faculty, Ellen., Prentice Hall, 2006
2	Know Your Fashion Accessories, Celia Stall -Meadows, Tana Stufflebean, Fairchild Books & Visuals, 2003
Reference Books:	
1	Carr and Latham's Technology of Clothing Manufacture, Edited by David J. Tyler, 2009
2	Apparel Manufacturing Handbook, Analysis, Principles and Practice, Jacob Solinger, Bobbin Media Corporation, 1988
Web resources:	
1	https://ordnur.com/textile/list-of-trimmings-and-accessories-use-in-garments/
2	https://www.onlineclothingstudy.com/2018/10/the-fusing-technology-fusing-parameters.htm77l
3	https://apparelresources.com/fashion-news/trends/trim-and-accessories-from-being-functional-to-giving-an-innovative-edge-to-garments/
4	https://medium.com/@stitchdiary/importance-of-decorative-trims-in-the-garment-industry-3b306e4b59ef

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	1	1	2	3	2	1
CO2	3	2	3	2	2	1	1	2	3	2	1
CO3	3	2	3	2	2	1	1	2	3	1	2
CO4	3	2	3	2	2	1	1	2	3	3	1
CO5	3	2	3	2	2	1	1	2	3	2	1
Total	15	10	15	10	10	5	5	10	15	10	6
Average	3	2	3	2	2	1	1	2	3	2	1.2

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA23P	FIBER TO FABRIC PRACTICAL	EC-3 AL	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	Identify the type of fibers.										
LO2	Test the yarn count and fabric count.										
LO3	Identify the basic weaves.										
LO4	Test the fabric for the following parameters twist, course length, weight, shrinkage, colour fastness and absorbency.										
LO5	Test the stain removal & laundering of different fabrics.										
Unit	Content								Hours		
1	Identification of Textile Fibers: - Microscopic Method - Flame test. - Chemical test								6 HOURS		
2	Testing of Yarn and Fibers: - Yarn Count using Wrap Reel - Yarn Count using Besley's Balance - Twist of the Yarn								6 HOURS		
3	Testing of Fabric - Fabric Weight - Fabric Count by Ravelling Method - Fabric Count with Pick Glass - Course Length and Loop length of Knitted Fabric - Colour Fastness to Washing - Tests of Shrinkage - Tests of Absorbency								6 HOURS		
4	Identification of Basic weaves - Plain weave - Twill weave - Stain weave								6 HOURS		
5	Stain removal & Laundering of different fabrics - Cotton - Silk - Wool - Synthetic fabric - Rayon								6 HOURS		

CO	Course Outcomes
CO1	Distinguish the type of fiber by microscope, flame test and chemical tests
CO2	Determine the count of the yarn and fabric
CO3	Test the fabric for fabric weight, course length, color fastness and shrinkage of the fabric
CO4	Familiarize with different weaves construction of fabric
CO5	Experiment stain removal and laundering of different fabrics
Textbooks:	
1	Textiles– Fibre to fabric, Corbmann B. P, International students edition, Mc Graw Hill. Book company, Singapore,1985.
2	Textile fabrics and their Selection –Isabel Barnum Wingate, Published by Prentice-Hall,1964.
Reference Books:	
1	Identification of Textile Fibers 1 st Edition by Max M. Houck, Wood head Publishing in Textiles, Cambridge, Newdelhi,2009.
2	Textile science, Gohi, CBS Publishers and Distributors, India,2005.
Web resources:	
1	https://textilelearners.com/textile-fibers-identification-process/
2	https://www.textilesphere.com/2020/04/identification-of-textile-fibers.html

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	1	2	2	3	3	1	1	3	3	1	1
CO2	2	2	2	3	3	2	1	3	2	1	1
CO3	2	2	2	3	3	1	1	2	3	2	1
CO4	2	2	3	2	3	2	1	2	3	1	1
CO5	1	1	3	2	3	1	1	3	3	2	1
Total	8	9	12	13	15	7	5	13	14	7	5
Average	1.6	1.8	2.4	2.6	3	1.4	1	2.6	2.8	1.4	1

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA24P	FASHION PHOTOGRAPHY PRACTICAL	EC-3 AL	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	Understand the concepts of photography and editing process.										
LO2	Give ideas on developing a photo and enable photography techniques in various fields.										
LO3	Enable students to know about image editing with special effects.										
LO4	Enable students to know fashion styling for capture										
LO5	Understanding picture processing with adobe photoshop										
Unit	Content									Hours	
1	Photography: • Product Photography • Modelling Photography • Indoor and Outdoor Photography									6 HOURS	
2	Special effects: • Black and White Image • Gray Scale Image • Mono Colour Image • Negative Image • Cut Colour Image									6 HOURS	
3	Image editing: • Collage work • Creative image editing • Creative layout									6 HOURS	
4	Fashion styling for Capture: • Styling techniques for magazine photo shoots • Styling techniques for Online stores • Styling technique for Runway cover shoots • Styling for fantasy portraits • Model make up, pose and charisma • Tricks and tips used in the Fashion industry for fashion spreads and shoots									6 HOURS	

5	Picture Processing with Adobe Photoshop: • File compatibility • Color corrections and image adjustments • Color space - Photo manipulation and photo effects • Tricks and tips used in Adobe Photoshop for model and fashion photo editing • Back up and storage • Copyrighting • Understanding the fashion photography business	6 HOURS
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CO	Course Outcomes
CO1	Remember general principles of photograph
CO2	Understand the lighting techniques for indoor or outdoor photography
CO3	Apply the techniques in the field of modelling, magazine, fashion shows etc...
CO4	Evaluate the right image selection for the purpose of photography
CO5	Create images with the help of computer applications
Textbooks:	
1	Basic Industrial Arts, Plastics, Graphics Arts, W.R.Miller, Power Mechanics, Mcknight &McKnight Publishing Company,US,1978.
2	Photography, Illionois, McKnight Publishing Company, US,1978
Reference Books:	
1	Photography Course, John Hedge, John Hedge Co, UK,1992
Web resources:	
1	https://shutterstoppers.com/photoshop-tutorial-fashion-photography#:~:text=A%20simple%20beauty%20edit%20is,can%20easily%20make%20it%20
2	https://enviragallery.com/editing-fashion-photography-for-beginners/

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	1	1	3	3	2	2	3	2
CO2	2	2	3	1	1	3	3	2	2	2	2
CO3	3	3	3	1	2	3	3	2	3	2	2
CO4	2	1	3	2	1	3	3	3	2	1	2
CO5	3	1	3	2	1	3	3	2	2	1	2
Total	13	10	15	7	6	15	15	11	11	9	10
Average	2.6	2	3	1.4	1.2	3	3	2.2	2.2	1.8	2

3 – Strong, 2- Medium, 1- Low

1st YEAR: SECOND SEMESTER

Course Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDS21	SURFACE EMBELLISHMENTS PRACTICAL	SEC-2	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	Inherit Basic embroidery stitches										
LO2	Appreciate the beauty and intricacies of the traditional embroideries of India										
LO3	Enhance creativity by the application of smocking and patchwork techniques										
LO4	Embellishing the surface using several applications										
LO5	Enchanting the hand embroidery techniques										
Unit	Content								Hours		
1	Create and Develop a Motif for Basic Embroidery Stitches Running Stitch, Chain, Back, Satin, Stem, Fly, Feather, Blanket, Fishbone, French Knot, Bullion Knot, Magic chain, Cross, Lazy daiz								6 HOURS		
2	Indian Traditional Embroidery (any 3) • Chickankari • Kantha • Kasuti • Kashida • Phulkari • Kutch • Rajastani								6 HOURS		
3	Create Following Samples • Simple/Geometric patchwork • Crocheting • Quilting • French Smocking • Chinese Smocking								6 HOURS		
4	Create the Following Samples • Ribbon embroidery • Fabric Painting • Drawn thread work • Stencil work								6 HOURS		
5	Create the Following Samples • Bead work • Aari • Sequin work • Mirror work								6 HOURS		

CO	Course Outcomes
CO1	Create hand embroidery samples
CO2	Create machine embroidered samples
CO3	Develop samples using surface enrichment
CO4	Design and develop samples for drawn thread embroidery, applique, quilting
CO5	Create added structural effects using smocking
Textbooks:	
1	Shailaja D Naik, Traditional Embroideries of India, APH Publishing,1996
2	Megan Eckman, Everyday Embroidery for Modern Stitchers, C&T Publishing,2020
Reference Books:	
1	Libby Moore, Thread Folk: A Modern Makers Book of Embroidery Projects and Artist Collaborations, Paige Tate & Co, 2019
Web resources:	
1	https://sewguide.csom/smocking/
2	https://www.youtube.com/watch?v=Ug2d1NUuE4A
3	https://www.youtube.com/watch?v=uJ2SyeFA_B4

Mapping with Programme Outcomes and Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	1	2	2	2	2	1	2	3	2	1
CO2	3	1	2	2	2	2	1	2	3	2	1
CO3	3	1	2	2	2	2	1	2	3	2	1
CO4	3	1	2	2	2	2	1	2	3	2	1
CO5	3	1	2	2	2	2	1	2	3	2	1
Total	15	5	10	10	10	10	5	10	15	10	5
Average	3	1	2	2	2	2	1	2	3	2	1

3 – Strong, 2- Medium, 1- Low

2nd YEAR: THIRD SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC31	HISTORY OF COSTUMES	CC – 7	3	2	2	0	5	6	25	75	100
Learning Objectives											
LO1	To recall key facts about ancient civilizations and Indian traditional costumes.										
LO2	To understand traditional costumes across different European regions.										
LO3	To recognize the traditional men's and women's costumes of Eastern countries.										
LO4	To analyze the social and cultural factors of American fashion.										
LO5	To understand the geographic and cultural factors of art forms.										
Unit	Content										Hours
1	Ancient Indian Costumes Vedic Period, Gupta period, Kushan period, Sunga period ornaments, accessories and head wears, regional costumes of India										20
2	European Costumes British, France, Greece, Roman, Egypt, -Men Women Costume & Accessories										16
3	Costumes of Eastern Countries Japan, Sri Lanka, Pakistan, China and Thailand- Men and Women Cultural Significance, Costumes, Accessories.										16
4	American Costumes Men's and Women's Costume 17 th , 18 th , 19 th Century – Cultural Significance, Fabric, Colour, Accessories, styles, Cultural and Political Factors Affecting Fashion.										18
5	World Art Tanjore Painting, Warli, Gond art, Madhubani art, Tinga Tinga- African, Ink wash- Chinese, Dada and Romanticism.										20

CO	Course Outcomes
CO1	Evaluate the socio-political impact on Indian costumes.
CO2	Analyze the role of cultural, social, and political factors in shaping European costumes.
CO3	Explore the historical and cultural development of traditional clothing in Eastern countries.
CO4	Understand the evolution of American costumes and their socio-historical context.
CO5	Explore various world art forms and their cultural and historical significance.
Text Books:	
1	Biswas, A. (Arabinda), Indian Costumes, 2017, Publications Division, Ministry of Information & Broadcasting, Government of India
2	RoshenAlkaz, (1983) "Ancient Indian Costumes". Art Heritage, New Delhi
3	Vishu Arora, (2108) "Suvasas the Beautiful Costumes", Abhishek Publication, Chandigarh, India.
4	Dorling Kindersley (2112), Fashion, The Ultimate Book of Costume and Style, Published by Dorling Kindersley Limited; London
Reference Books:	
1	Carolyn G. Bradley, (2101) "Western World Costume an Outline History". Dover Publications, Mineola.
2	Mary G Houston. (2103) Ancient Greek, Roman and Byzantine Costume, Dover Publications, Mineola.
3	Valarie Burnham Oliver (1996) "Fashion and Costume in American Popular Culture" Greenwood Publishing Group, Inc.,
Web resources:	
1	https://www.jdinstitute.edu.in/fashion-history-of-costumes/
2	https://study.com/academy/lesson/traditional-clothing-around-the-world.html
3	https://www.cuttersguide.com/pdf/References/British%20costume%20a%20complete%20history%20of%20the%20dress%20of%20the%20inhabitants%20of%20the%20British%20Islands.pdf
4	https://muselot.in/blogs/news/20-traditional-painting-styles-in-india

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	3	2	2	3	3	3	3	3
CO2	3	3	2	2	2	2	3	3	3	3	3
CO3	3	3	2	2	2	2	3	3	3	3	3
CO4	3	3	2	2	2	2	3	3	3	3	3
CO5	2	3	2	2	3	2	3	3	2	2	3
Total	14	15	10	11	11	10	15	15	14	14	15
Average	3	3	2	2.2	2.2	2	3	3	3	3	3

3 – Strong, 2- Medium, 1- Low

2 nd YEAR: THIRD SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC32P	GARMENT CONSTRUCTION – CHILDREN’S WEAR PRACTICAL	CC - 6	0	0	4	0	2	4	25	75	100
Learning Objectives											
LO1	To design and construct of Bib variations and Panty shapes.										
LO2	To draft and construct garments: Jabla and knickers.										
LO3	To create functional and comfortable garments for children.										
LO4	To apply techniques of drafting and sewing of yokes and suspenders.										
LO5	To design the boy’s clothing with Given Features										
Unit	Content										Hours
1	Design, Draft and construct the children's garments with given features: Bib – Give some variation in outline shape or surface design Panty – Plain and variation in shapes										8
2	Design, Draft and construct the children's garments with given features: Jabla – With sleeve and opening Knickers - with elastic opening										8
3	Design, Draft and construct the children's garments with given features: Baba suit /Romper – knickers with chest piece attached A line frock– double pointed dart, facings at neckline and armhole and strap attach in hip										13
4	Design, Draft and construct the children's garments with given features: Summer frock – without sleeve and collars, suspenders tied at shoulder Yoke frock – with yoke, with sleeve, Gathered, flared, with collars										15
5	Design, Draft and construct the children's garments with given features: Boy's shirt – shirt collar, pocket Boy's short – fly open with buttons, side pocket, pleats and dart										16

CO	Course Outcomes
CO1	Draft and construct Bib and Panty with design variations using appropriate techniques.
CO2	Draft and construct a Jabla and Knickers.
CO3	Create design and construct functional and comfortable children's garments with appropriate fit and features.
CO4	Applying drafting and sewing techniques to construct children's garments with yokes and suspenders.
CO5	Create design and construct boys' garments with specified features, applying drafting and sewing techniques.
Text Books:	
1	Practical Clothing Constructing- PartI and II, Mary Mathews, Cosmic Press, Chennai,1986.
2	Zarapker System of Cutting- Zarapker. K ltd. R, Navneet Publications,1994.
Reference Books:	
1	Cutting and tailoring Course Gayatri Verma & Kapil Dev, Computech Publications, 2009
Web resources:	
1	http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827
2	https://www.youtube.com/watch?v=LuazkYL0J3A
3	https://www.youtube.com/watch?v=zLkNgkzx-wI

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	2	3	3	3	3	3	3	3
CO2	3	3	2	2	2	3	3	2	3	3	3
CO3	3	3	2	2	3	3	3	3	3	3	3
CO4	3	3	2	3	3	2	3	3	2	3	3
CO5	3	3	2	3	3	2	3	3	2	3	3
Total	15	15	10	12	14	13	15	14	13	15	15
Average	3	3	2	2	3	3	3	3	3	3	3

3 – Strong, 2- Medium, 1- Low

2 nd YEAR: THIRD SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA31	A) INDUSTRY MODULE - INDUSTRIAL GARMENT MACHINERIES	EC - 4 AL	3	1	0	0	4	4	25	75	100
Learning Objectives											
LO1	To recognize stitching mechanisms and sewing machine operations.										
LO2	To analyse spreading, marking techniques.										
LO3	To explore cutting and pressing techniques.										
LO4	To apply sewing machine functions and attachments in garment construction.										
LO5	To evaluate garment packaging methods and federal standards and to explore basic AI applications in the textile industry.										
Unit	Content										Hours
1	Stitching mechanism Needles, bobbin and bobbin case, bobbin winding, loops and loop Spreader, upper and lower threading, auxiliary hooks, throatplates, take ups, tension discs-upper and lower thread tension, stitching auxiliaries, pressure foot and its types, Feed mechanisms-drop feed, differential fed, needle feed, compound feed, unison feed, puller feed.										12
2	Spreading and Marker making Spreading – Types of spread and its quality, parts and functions of spreading equipment, spreading methods. Marking methods, positioning marking types of markers, efficiency of a marker plan, requirements of marker planning										12
3	Cutting and Pressing Cutting equipment– Parts and functions of Straight knife cutting machine, rotary cutting machine, band knife cutting machine, die cutters. Pressing– purpose, pressing equipment’s and methods– iron, steam press, steam air finisher, steam tunnel, special types–pleating, permanent										12
4	Sewing Machineries Sewing Machineries - Classification of sewing machines, parts and functions of Single Needle lockstitch machine, over lock machine, bar tacking machine, button hole machine, button fixing machine, blind stitching machine, fabric examining machine. Special attachments, care and maintenance of sewing machines, Common problems and remedies										12
5	Garment Packaging and Federal Standards Garment Packaging–Types of package forms, Sewing threads-types, essential qualities of a sewing thread, Federal standards for stitch and stitch classification, Federal standards for seam and seam classification. Introduction to AI in Textile Industry										12

CO	Course Outcomes
CO1	Describe the stitching mechanisms and sewing auxiliaries.
CO2	Analyse the spreading and marking techniques.
CO3	Analyse the cutting and pressing techniques.
CO4	Operate and maintain various sewing machines and attachments.
CO5	Evaluate the garment packaging and federal standards for stitches and seams and explore basic AI applications in textile and garment production.
Text Books:	
1	The Technology of Clothing Manufacture–Harold Carrand Barbara Latham, Black well Science, 1994.
2	Apparel Manufacturing Handbook: Analysis, Principles and Practice 2 nd Edition–Jacob Solinger, Bobbin Blenheim Media Corp,1988.
Reference Books:	
1	Reader’s digest Sewing guide, Complete Guide to Sewing13th Edition, The Reader’s Digest Association Inc, Pleasant Ville, 1997.
2	A complete guide for sewing –Coles M Sew, Heinemann Professional Publishing, Singapore, 1977
Web resources:	
1	https://clothingindustry.blogspot.com/2018/04/packaging-process-garment-industry.html
2	https://www.youtube.com/watch?v=palmFFnMT1E
3	https://www.youtube.com/watch?v=67K0RMJVB_U

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2	2	2	2	2	2	2	2
CO2	3	2	2	3	3	3	3	2	3	2	2
CO3	3	2	2	3	3	3	3	2	3	2	2
CO4	3	2	2	2	2	3	2	2	2	2	3
CO5	3	2	2	2	3	2	2	2	2	3	3
Total	15	11	11	12	13	13	12	10	12	11	12
Average	3	2.2	2.2	2.4	2.6	2.6	2.4	2	2.4	2.2	2.4

3 – Strong, 2- Medium, 1- Low

2 nd YEAR: THIRD SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA32	B) FASHION MERCHANDISING	EC - 4 AL	3	1	0	0	4	4	25	75	100
Learning Objectives											
LO1	To understand apparel merchandising, exporter classification, and company profiling.										
LO2	To analyze buyer classification, sourcing, and order processing.										
LO3	To apply inspection techniques, quality control, and approvals.										
LO4	To evaluate order documentation, audits, and compliance.										
LO5	To explore promotional activities, trade fairs, and export associations.										
Unit	Content										Hours
1	Merchandising: Merchandising: Introduction, Meaning- Apparel Merchandising – Classification of Exporters - Rating or Grading of export houses – Export merchandising and retail merchandising – Company profile and its contents. Types of merchandisers - Functions of a merchandiser – Essential requisites of a good merchandiser – Vendor sourcing, evaluation and development										12
2	Classification of buyers Classification of buyers, Process flow in apparel industry – Buyer sourcing & communication – Enquiry – Order confirmation –order review and its importance – Planning & programming: Master planning, Scheduling or route card – Factors for route card - programming for yarn, knitting, dyeing, stitching, sampling, accessories – Samples: Meaning & importance – Types of samples – expedition of samples										12
3	Inspection and its types Inspection and its types – Testing – Check points before cutting - Pilot run or trial run and its importance – Approvals - Types of approvals – Shipping marks – Final inspection procedures – Self, Second- and Third-party inspection - Effective expedition procedures.										12
4	Order Sheet & Documentation Order sheet and its contents – Packing list and its contents – Document formats: order sheet, packing list, invoice, inspection and testing reports etc., - Assortment and its types. Documents recording and maintenance – Claims and reasons for claims - Factory audits – Buyer's code of conducts.										12
5	Promotion activities Advertising- scope, importance, types, merits & demerits; sales promotion, personal selling. Retail management. Export associations – Apparel Export Promotion Council – Journals and magazines related to apparel and textiles – Trade shows and Fairs – Participation in trade shows – Advantages of trade shows and fairs - Apparel & Textile Trade shows and fairs in India.										12

CO	Course Outcomes
CO1	Describe apparel merchandising and its classifications.
CO2	Classify buyers and evaluate sourcing and order processing.
CO3	Implement inspection methods and quality control measures.
CO4	Assess documentation, audits, and compliance with standards.
CO5	Develop merchandising strategies using promotions and trade fairs.
Text Books:	
1	Building Buyer Relationships, Daragho' Reilly, Jullian J.
2	Gibbs 2. Inside the Fashion Business, Mc Millan Publishing Co.,
3	Fashion Merchandising, Elian Stone
4	Apparel Merchandising, An integrated Approach, Krishnakumar, M, 2010, Abishek Publications
Reference Books:	
1	Apparel Merchandising, Robin Mathew, Book Enclave Publishers,
2	Jaipur 6. Apparel Merchandising, Jerry A & Rosenau, Fairchild Publications, London
Web resources:	
1	https://www.toppr.com/guides/fundamentals-of-accounting/fundamentals-of-cost-accounting/elements-of-cost/
2	https://corporatefinanceinstitute.com/resources/knowledge/finance/budgeting/
3	https://efinancemanagement.com/budgeting
4	https://theinvestorsbook.com/pricing-methods.html

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	1	2	3	2	3	2	2	2	3
CO2	2	2	2	3	2	2	2	3	2	2	3
CO3	2	3	3	3	3	3	2	3	2	3	3
CO4	2	3	3	2	3	3	2	2	2	3	3
CO5	2	3	3	2	3	2	2	2	2	3	3
Total	11	13	12	12	14	12	11	12	10	13	15
Average	2.2	2.6	2.4	2.4	2.8	2.4	2.2	2.4	2	2.6	3

3 – Strong, 2- Medium, 1- Low

2 nd YEAR: THIRD SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA33P	A) FASHION DRAPING PRACTICAL	EC - 5 AL	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	To know body form preparation and fabric straightening techniques.										
LO2	To analyze draping methods for collars and garment patterns.										
LO3	To apply draping techniques to create yokes and associated garment patterns.										
LO4	To evaluate the accuracy of draped garments for fit, balance, and fullness.										
LO5	To create innovative draped designs, including zero-waste draping concepts.										
Unit	Content										Hours
1	Preparation of Body Forms & Preparation of Fabric: Mark the Chest Line with Style Tape Mark the Empire/Under Chest Line with Style Tape Mark the Waist line with Style Tape Mark the Hip Line with Style Tape Remove creases by ironing the fabric. Straighten the fabric										3
2	Drape the Following Collars: Convertible collars Peter Pan Collar Mandarin Collar/ Shirt Collar Shawl Collar/ Convertible Collar										7
3	Drape the Following Yokes: Simple Yoke Yoke with Fullness within the Yoke Shirt Yoke Midriff Yoke										6
4	Drape the Following Patterns for fit, balance and fullness: Draping of Bodice Front & Back Draping of Skirt with fulness Ladies tops with cowl, peplum, flounces, ruffles										6
5	Drape the Following designs: Empire line dress Sculptured dress Zero waste draping										8

CO	Course Outcomes
CO1	Understand the process of body form preparation and marking style lines.
CO2	Differentiate various draping techniques for collars, yokes, and bodices.
CO3	Create garment components such as yokes and bodices.
CO4	Assess draped designs for fit, proportion, and construction accuracy.
CO5	Develop unique draped garments, including sustainable zero-waste designs.
Text Books:	
1	Connie Amaden-Crawford , “The Art of Fashion Draping”, Bloomsbury Academic Publisher, 4th edition, 2012.
2	Hilde Jaffe and Nurie Relis, “Draping for Fashion Design”, Fashion Institute of Technology, Pearson/Prentice Publisher, 5th edition, 2012
3	DrapingforApparelDesign,3rdEdition-Helen Joseph and Armstrong, Bloomsbury Academic, 2013
4	The Art of Fashion Draping, Connie Amaded and Crawford, Bloomsbury Academic,2018
Reference Books:	
1	Helen Joseph-Armstrong , “Draping for Apparel Design”, Bloomsbury Academic publishers, 3rd edition illustrated , 2013.
2	Amaden-Crawford Connie, “The Art of Fashion Draping” Om Books International Publications, 3rd edition, 2005
3	Mary Mathews, “Practical Clothing Construction Part I and II”, Paprinpack, 3rd edition, Madras, 2000.
Web resources:	
1	https://www.youtube.com/watch?v=hAvjXU9xrOM
2	https://www.youtube.com/watch?v=BhG9Sp3UutI
3	https://www.moodfabrics.com/blog/intro-to-draping-dress-form-muslin-basics/

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2	2	2	2	2	3	3	3
CO2	3	3	3	2	2	2	2	3	3	3	3
CO3	3	3	3	2	2	2	3	3	3	3	3
CO4	3	3	3	2	2	2	2	3	3	3	3
CO5	3	3	3	2	3	3	3	3	3	3	3
Total	15	15	15	10	11	11	12	14	15	15	15
Average	3	3	3	2	2.2	2.2	2.4	2.4	3	3	3

3 – Strong, 2- Medium, 1- Low

2 nd YEAR: THIRD SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA34P	B) PATTERN MAKING FOR KNITS PRACTICAL	EC - 5 AL	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	To understand the fundamentals of pattern drafting and grading for various kid's wear garments.										
LO2	To analyze size variations and grading techniques for kids' and women's wear.										
LO3	To apply drafting techniques to develop accurate patterns for different inner garment for men.										
LO4	To evaluate the fit, proportions, and construction of graded patterns.										
LO5	To create well-graded patterns for structured and casual garments with suitable sizing.										
Unit	Content										Hours
1	Draft and grade patterns for the following garments: Kid's Wear–Romper Kid's Wear– Aline frock										6
2	Draft and grade patterns for the following garments: Children's Suits and Pyjama Ladies Skirt Women's Nightwear										6
3	Draft and grade patterns for different inner garments: Brief Men's Inner Garment– Vests RN/RNS										6
4	Draft and grade patterns for the following garments: Men's Polo T-Shirt Men's Trouser										6
5	Draft and grade patterns for the following garments: T-Shirt with hood Basic T-Shirt										6

CO	Course Outcomes
CO1	Create kids wear garments using the principles of drafting and grading garment patterns.
CO2	Differentiate pattern grading techniques for various apparel categories.
CO3	Draft and grade patterns for men's inner garments.
CO4	Assess pattern accuracy, fit, and proportion adjustments for men's wear.
CO5	Develop graded patterns for diverse garment styles, ensuring proper fit and sizing.
Text Books:	
1	G. Davidow, "Patternmaking for Fashion Design," Pearson, 5th Edition, 2013.
2	Helen Joseph-Armstrong, "Patternmaking for Fashion Design," Pearson, 5th Edition, 2017.
Reference Books:	
1	Connie Amaden-Crawford, "The Art of Fashion Draping," Bloomsbury Academic, 2018.
Web resources:	
1	https://www.youtube.com/c/Fashionary
2	https://www.youtube.com/c/TillyandtheButtons
3	https://www.coursera.org/learn/fashion-as-design

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2	2	3	2	2	3	3	3
CO2	3	2	2	2	2	2	2	2	3	3	3
CO3	3	2	2	2	2	2	2	2	3	3	3
CO4	3	2	2	2	2	2	3	2	3	2	3
CO5	3	2	2	2	2	3	3	2	3	2	3
Total	15	11	11	10	10	12	12	10	15	13	15
Average	3	2.2	2.2	2	2	2.4	2.4	2	3	2.6	3

3 – Strong, 2- Medium, 1- Low

2 nd YEAR: THIRD SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDS31P	ORNAMENTS AND ACCESSORY MAKING PRACTICAL	SEC – 4	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	To create and develop traditional jewelleryes.										
LO2	To design various ornaments and accessories.										
LO3	To create different types of accessories with fabric.										
LO4	To design embellished accessories for various occasions.										
LO5	To explore decorative techniques and embellishments.										
Unit	Content										Hours
1	Create the following ornaments: Jewellery making: Fancy- Traditional-Culture-Eves-Precious and Non -precious										5
2	Create the following ornaments: Hair ornaments Ear ornaments Neck ornaments Hand ornaments Finger ornaments Hip ornaments Leg ornaments Head fascinators										10
3	Designing and construction of Accessories with Fabric: Bags Pouches Mask Gloves Foot wears										5
4	Create the following Accessories for various occasions. Scarf Shawl										4
5	Create set of ornaments for the following Bridalwear Fashion show Office wear Casualwear Dance costumes										6

CO	Course Outcomes
CO1	Develop and craft traditional jewellery reflecting cultural aesthetics.
CO2	Design a variety of ornaments and accessories with unique styles.
CO3	Construct fabric-based accessories using appropriate materials and techniques.
CO4	Design embellished accessories for different occasions.
CO5	Explore and incorporate decorative techniques and embellishments in designs.
Text Books:	
1	Jewellery Making, A Complete Course for Beginners, Jinks Mc Grath, Apple Press, 2007
2	The Work bench Guide to Jewellery Techniques, Anastasia Young, Thames and Hudson, 2010
Reference Books:	
1	The Bag Making Bible: The Complete Creative Guide to Sewing Your Own Bags -Lisa Lam, Amy Butler, Published by David&Charles,2010
Web resources:	
1	https://www.youtube.com/watch?v=pdwJZZSUjfs
2	https://www.youtube.com/watch?v=4jNCJm3j0ec
3	https://www.youtube.com/watch?v=RehISbeKeMo

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	3	3	3	2	3	3
CO2	3	2	3	2	3	3	3	3	2	3	3
CO3	3	2	2	2	3	3	3	3	2	3	3
CO4	3	2	3	2	2	3	3	3	2	3	3
CO5	3	2	2	2	2	3	3	3	2	3	3
Total	15	10	13	10	13	15	15	15	10	15	15
Average	3	2	2.6	2	2.6	3	3	3	2	3	3

3 – Strong, 2- Medium, 1- Low

2nd YEAR: FOURTH SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC41	ADVANCE GARMENT CONSTRUCTION TECHNIQUES	CC – 7	3	2	0	1	5	6	25	75	100
Learning Objectives											
LO1	Apply manual and CAD techniques to grade basic garment components and analyze the purpose of pattern grading.										
LO2	Apply dart manipulation and fullness addition methods for pattern modification.										
LO3	Identify and classify stitches and seams with their properties and uses.										
LO4	Analyze components of garment specification worksheets.										
LO5	Describe the application of CAD systems and tools in pattern making.										
Unit	Content										Hours
1	Pattern grading - Definition, Purpose of grading, Grading Terminology, Grading Techniques - Manual pattern grading, Computer-aided pattern grading: Advantages and Disadvantages, Grading basic patterns using manual and CAD methods; front and back bodice and sleeve, trousers, skirts, collars.										18
2	Pattern modification and alteration - shifting, combining and distributing darts. Adding fullness & extra fullness on the bodice and skirt patterns - Pivot method, Slash & spread method and Measurement method. Pattern modification: flat pattern technique. Pattern alteration: Need, Alteration of pattern using manual and CAD methods for fat and thin figure, narrow shoulder, broad shoulders, round shoulders, large bust, flat bust, large hip, large abdomen, short waist and long waist.										18
3	Stitches & Seams: Stitches- definition, properties, classes- 100, 200, 300, 400, 500, 600. Seams: definition, dimension, classes- super imposed seam, lapped seam, bound seam, flat seam, stitching classes edge finishing, ornamental stitching. Types of Seams and stitching with notation abbreviations and common uses. Difference between stitches and seams.										18
4	Garment Analysis and Specification Development - Introduction, role, methods, processes, Components of Garment specification worksheet style description, positioning strategy, sizing and fit, material selection, components assembly, final assembly and finishing, style presentation.										18
5	Advancements in Pattern Making - CAD systems Introduction, CAD in Pattern making, Grading, Marker making. Equipment used for CAD, CAD system, MTM (make to measure technology), Pattern cutter, Plotter, Digitizer and Digitizing table. Essential softwares used in Garment industry, Advantages and Limitations of CAD.										18

CO	Course Outcomes
CO1	Perform pattern grading using manual and CAD methods.
CO2	Alter patterns for various body types using flat and CAD techniques.
CO3	Identify stitch and seam types with correct notations and uses.
CO4	Create garment spec sheets with sizing and style details.
CO5	Apply CAD tools in pattern making, grading, and marker planning.
Text Books:	
1	Armstrong, Helen Joseph, (2014), Pattern making for Fashion Design, Pearson Publisher, India.
2	Glock, R. E., Kunz, G. L. (2005). Apparel Manufacturing: Sewn Product Analysis, Pearson Education, India.
Reference Books:	
1	Mors de Castro, L., Sánchez Hernández, L., (2015), Practical Pattern Making: A Step-by-step Guide, Firefly Books, United States.
2	Stott, M. (2012). Pattern Cutting for Clothing Using CAD: How to Use Lectra Modaris Pattern Cutting Software: Elsevier Science, United Kingdom.
3	Matthews-Fairbanks J.L., (2018), Pattern Design: Fundamentals: Construction and Pattern Drafting for Fashion Design, Fairbanks Publishing LLC, United States.
Web resources:	
1	https://techpacker.com/blog/design/pattern-grading-in-the-fashion-garment-industry/
2	https://www.textileindustry.net/pattern-grading-methods-in-the-apparel/
3	https://textilelearner.net/dart-manipulation-techniques/
4	https://www.pointsofmeasure.com/tutorials-education/pattern-darts-everything-you-need-to-know
5	https://textilelearner.net/types-of-seam-classes/
6	https://www.slideshare.net/slideshow/seams-and-stitches-244910626/244910626
7	https://ebooks.inflibnet.ac.in/hsp07/chapter/apparel-industry-organizational-set-up-planning-and-product-selection-production-planning-and-control/

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	2	3	1	2	2	1	3	2	1
CO2	3	2	2	2	1	1	2	1	3	2	1
CO3	3	3	3	3	1	2	2	1	1	3	2
CO4	3	3	3	3	1	2	2	1	1	3	2
CO5	3	2	2	2	1	1	2	1	3	2	3
Total	15	12	12	12	5	8	10	5	11	12	9
Average	3	2.4	2.4	2.4	1	1.6	2	1	2.2	2.4	1.8

3 – Strong, 2- Medium, 1- Low

2nd YEAR: FOURTH SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC42P	Garment construction Adult Wear Practical	CC – 8	0	0	4	0	2	4	25	75	100
Learning Objectives											
LO1	Construct traditional wear with design variation.										
LO2	Stitch nightwear with yoke, sleeve, and neck variations.										
LO3	Develop Western/fusion garments.										
LO4	Sew men's casual/ethnic wear.										
LO5	Make the formal garments.										
Unit	Content										Hours
1	- Saree petticoat - Saree blouse - Salwar - Gathered waist with tape or elastic, bottom design variation. - Kameez - Fashioned neck, variation in sleeve.										12
2	- Night dress - With or without yoke, variation in sleeves, attaching trimmings. - Maxi – Variation in neck with or without sleeve and attaching trimmings.										12
3	- Middy – Variation in panel, bottom round - Middy Top – Front open, single dart, with or without collar and variation in sleeves.										12
4	- Bermuda - Nehru Kurta										12
5	- Slack Shirt - Pant										12

CO	Course Outcomes
CO1	Sew traditional garments with variations.
CO2	Make nightwear and maxi with trimmings.
CO3	Construct Western outfits with design details.
CO4	Stitch men's wear with good fit.
CO5	Create formal garments using correct methods.
Textbooks:	
1	Practical Clothing Constructing - PartI and II, Mary Mathews, Cosmic Press, Chennai,1986.
2	Zarapker System of Cutting - Zarapker. K. R, Navneet Publications ltd, India, 2011.
Reference Books:	
1	Cutting and sewing theory, Gayatri Verma, Kapil Dev, Computech Publication Ltd, India, 2019.
2	Pattern cutting and making up, the professional approach, Martin M. Shoben and Janet P. Ward, Rout ledge Taylor and Francis Group, London and New York, Revised edition, 2011.
Web resources:	
1	http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827
2	https://www.youtube.com/watch?v=FsD-Pc9WPm0

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	1	2	2	2	2	1	1	2	3	1
CO2	3	1	2	2	2	2	1	1	2	3	1
CO3	3	1	2	2	2	2	1	1	2	3	1
CO4	3	1	2	2	2	2	1	1	2	3	1
CO5	3	1	2	2	2	2	1	1	2	3	1
Total	15	5	10	10	10	10	5	5	10	15	5
Average	3	1	2	2	2	2	1	1	2	3	1

3 – Strong, 2- Medium, 1- Low

2nd YEAR: FOURTH SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA41	a) SUSTAINABLE AND ECO-FASHION	EC - AL	3	1	0	0	4	4	25	75	100
Learning Objectives											
LO1	Understand ecofriendly dyeing and its impact.										
LO2	Apply sustainable concepts in fashion design.										
LO3	Analyze methods for sustainable garment construction.										
LO4	Evaluate garment lifecycle using sustainability tools.										
LO5	Create solutions for reuse and recycling in fashion.										
Unit	Content										Hours
1	Introduction to Dyeing and Printing: Dye- types, mordant, Methods of dyeing, Printing- Types, Techniques of Printing, Color matching system for dyeing and printing- environmental impact of dyeing and printing.										12
2	Ecofriendly Dyeing and Sustainable Designing: Ecofriendly dyeing, economic and ecological aspects of dyeing, water conserving process on dyeing, effluent treatment, waste minimization in fabric finishing, biodegradable finishes. Design for personalizing fashion, repair and modular garments, selecting fabrics, materials and techniques-using mono-materials.										12
3	Producing Sustainable Garment Pattern making and toiling, use of patterns, zero waste techniques, tailor's craft, working with geometric shapes, construction, design for durability, producing sustainable fashion										12
4	Lifecycle of a Garment Lifecycle thinking, impacts, sustainable design strategies, assessment tools and models, comparing two garments, reducing laundering, repair and maintenance, evaluation of apparel products, slowing fashion, technical design for recycling of clothing, sustainable apparel retail										12
5	Product End-of-life Reuse in fashion cycle, remanufacture, upcycling, approaches to upcycling, material recycling, closed loop production, new future fashion industry, post-growth fashion and the craft of users, long term sustainability in luxury products										12

CO	Course Outcomes
CO1	Understand ecofriendly dyeing and waste reduction.
CO2	Design sustainable and modular garments.
CO3	Apply zero-waste and durable construction techniques.
CO4	Assess sustainability across a garment's lifecycle.
CO5	Develop reuse and upcycling strategies.
Textbooks:	
1	Alison Gwilt, Basics Fashion Design: A practical guide to sustainable fashion, Bloomsbury Publishing, UK, 2014
2	Jamshed A Khan, Eco-friendly Textile Dyeing and Finishing, Scitus Academics LLC, NY, 2017
3	Richard Blackburn, Sustainable Apparel Production, Processing and Recycling, Woodhead Publishing Limited, UK, 2015
Reference Books:	
1	Abdulkerim Macar, Handbook of Sustainable Textile Production, Scitus Academics LLC, NY, 2017
2	Kate Fletcher, Lynda Grose, Fashion & Sustainability: Design for change, Laurence King Publishing Ltd, London, 2012
3	Dr.M.Parthiban, Dr.M.R.Srikrishnan, Dr.P.Kandhavativu, Sustainability in Fashion and Apparels Challenges and Solutions, Woodhead Publishing India Pvt. Ltd, New Delhi, 2017
Web resources:	
1	https://doi.org/10.1016/j.scitotenv.2021.150315
2	https://www.mdpi.com/1716154
3	https://www.bluesign.com/en/circular-fashion

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	2	2	2	1	2	1	1
CO2	3	3	3	3	2	2	1	1	2	1	1
CO3	3	3	3	3	2	3	2	1	2	1	1
CO4	3	3	3	3	2	3	2	2	2	1	1
CO5	3	3	3	3	2	3	2	1	2	1	1
Total	15	15	15	15	10	13	9	6	10	5	5
Average	3	3	3	3	2	2.6	1.8	1.2	2	1	1

3 – Strong, 2- Medium, 1- Low

2nd YEAR: FOURTH SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA42	b) Knitting	EC - AL	3	1	0	0	4	4	25	75	100
Learning Objectives											
LO1	Understand knitting types, structure, and machine components.										
LO2	Apply principles of weft knitting and fabric design using stitch variations.										
LO3	Analyze warp knitting techniques and machine types.										
LO4	Evaluate seamless knitting, fabric care, and defect prevention.										
LO5	Explore knitting industry trends and knitwear dyeing.										
Unit	Content										Hours
1	Knitting Overview: Knitting–Definition, classification and history, characteristics of knitted goods. General terms and principles of knitting technology, machine knitting, parts of machine, knitted loop structure, stitch density										12
2	Principles of Weft Knitting Technology: Weft knitting–classification-circular rib knitting machine, purl, interlock, jacquard-single jersey machine-basic knitting elements-types and functions–knitting cycle, CAM–system-3- way technique to develop design-knit, tuck, miss-effect of stitches on fabric properties.										12
3	Principles of Warp Knitting Technology: Warp knitting -lapping variations-tricot, raschel, simplex and Milanese- kitten raschel single bar, 2bar, multi bar machines. Types of threading, production of nets, curtains, heavy fabrics, elasticized fabrics.										12
4	Seamless Knitting and Knitting Care: Seamless Knitting– Applications, advantages, and limitations. Care and maintenance of knitted material-washing, drying, ironing, storing. Common defects that occur in knitted fabric production.										12
5	Knitting Industry and market: Knitting Industry in India–growth and development. Significance of knit wear industry in Tirupur. Knit wear market–Present and future trends. Dyeing of Knit Fabric										12

CO	Course Outcomes
CO1	Understand the basics knitting process and the functions of a knitting machine
CO2	Discover the weft knitting process and machineries used
CO3	Discover the warp knitting process and machineries used
CO4	Appraise the recent technology in the knitting industry
CO5	Articulate the significant role played by the knitting industry locally and nationally
Textbooks:	
1	Knitting Manufacture Technology -Anbumani, New Age International, Chennai,2006
2	Knitting and Apparel Technology, S.S.M.I.T Co-operative Society.2005
Reference Books:	
1	Knitting Technology, DB Ajgaonker, Universal Publishing Corporation, 1998
2	Warp knit fabric construction: from stitch formation to stitch construction, Wilkens,C., Heusenstamm, Germany: U. Wilkens Verlag,1995.
3	Flat Knitting, Meisenbach Bamberg, Samuel. R, Germany, 1991
Web resources:	
1	https://fashion2apparel.blogspot.com/2017/02/seamless-garments-advantages.html
2	https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html
3	https://www.fibre2fashion.com/industry-article/7047/seamless-garment-technology
4	https://www.fibre2fashion.com/industry-article/64/overview-of-tirupur-knitwear-industry

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	1	1	2	3	2	1
CO2	3	2	3	2	2	1	1	2	3	2	1
CO3	3	2	3	2	2	1	1	2	3	1	2
CO4	3	2	3	2	2	1	1	2	3	3	1
CO5	3	2	3	2	2	1	1	2	3	2	1
Total	15	10	15	10	10	5	5	10	15	10	6
Average	3	2	3	2	2	1	1	2	3	2	1.2

3 – Strong, 2- Medium, 1- Low

2 nd YEAR: FOURTH SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA43P	A) Eco Dyeing and Printing Practical	EC - 7 AL	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	Understand pre-preparatory processes like desizing and scouring.										
LO2	Extract natural dyes from flowers, leaves, and waste materials.										
LO3	Create eco-prints using natural materials and rust.										
LO4	Apply natural dye techniques through block, stencil, tie & dye, and batik printing.										
LO5	Design home textile products using natural dyes and eco prints.										
Unit	Content										Hours
1	Pre Preparatory Process: • Desizing • Scouring • Mercerising • Bleaching										6
2	Create a Sample with a natural dye derived from the following: • Flower(2types) • Leaf(2types) • Fruits/Vegetables (Do not use edible parts only waste)										6
3	Create a Sample with Eco Prints derived from the following • Flower • Leaf • Fruits/Vegetables (Do not use edible parts only waste) • Rust										6
4	Print the Fabric Using Suitable Natural Dyes/Pigments • Block Printing–Wooden and Vegetable Blocks • Stencil Printing • Tie and Dye (use any three tying methods) • Batik Printing										6
5	Create the following products with Natural dyes and Eco Prints Home Textile Products: Cushion Cover, Pillow Cover, Table Mats, Curtains, Table runners.										6

CO	Course Outcomes
CO1	Understand the basic fabric preparation methods before dyeing.
CO2	Prepare dye samples using sustainable, non-edible plant waste.
CO3	Prepare dye samples using sustainable, non-edible plant waste.
CO4	Print fabrics using traditional dyeing techniques.
CO5	Develop finished home textile products using natural dye and eco print techniques.
Textbooks:	
1	Eco Printing for Beginners Guide To Eco Printing, Steps, Tips, Eco Printing Methods and More, Brett Ethan, 2022
Reference Books:	
1	Eco Printing 101: Beginners Guide To Eco Printing, Basics, Steps, Tips And Many More, Connor Jace, 2022
2	Printing With Natural Dyes, Nicola Cliffe, Crowood Pr, 2023
3	Botanical Dyes: Plant-to-Print Techniques and Tips (By Hand), Babs Behan, Penguin Random House Ireland Limited, Quadrille Publishing, 2023
Web resources:	
1	https://mochni.com/eco-prints-learn-the-process-of-all-natural-eco-printing/
2	https://www.fiberartsy.com/eco-printing-fabric/
3	https://naturalfabricdyeing.com/wp-content/uploads/2017/08/All-Eco-Printing-Techniques.pdf

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	1	2	2	3	3	1	1	3	3	1	1
CO2	2	2	2	3	3	2	1	3	2	1	1
CO3	2	2	2	3	3	1	1	2	3	2	1
CO4	2	2	3	2	3	2	1	2	3	1	1
CO5	1	1	3	2	3	1	1	3	3	2	1
Total	8	9	12	12	15	7	5	13	14	7	5
Average	1.6	1.8	2.4	2.4	3	1.4	1	2.6	2.8	1.4	1

3 – Strong, 2- Medium, 1- Low

2 nd YEAR: FOURTH SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDA44P	b) Knitting Practical	EC - 7 AL	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	Identify various knitted fabric types and designs.										
LO2	Analyze structure of single and double jersey fabrics.										
LO3	Measure course/wale density and loop length of knitted samples.										
LO4	Calculate GSM and tightness factor of fabric samples.										
LO5	Interpret technical graphs, cam and needle order.										
Unit	Content										Hours
1	Collect and Identify the following Samples - Single jersey and its derivative–5samples - Double jersey and itsderivatives-5samples - Auto stripe and Jacquard designs–2samples										6
2	Analyze the given knitted fabric sample: - Single jersey and its derivative–3samples - Double jersey and itsderivatives-3samples - Auto stripe and Jacquard designs–2samples										6
3	Instructions for Analysis - Course and Wale Density - Loop length										6
4	Instructions for Analysis - Areal Density (GSM) - Tightness Factor										6
5	Instructions for Analysis - Technical graph - Cam order - Needle order										6

CO	Course Outcomes
CO1	Identify the type of fabric structure of knitted Fabrics
CO2	Analyze the type of fabric structure of knitted Fabrics
CO3	Understanding knit structure and its derivatives
CO4	Evaluate areal density and tightness of samples.
CO5	Interpret and record technical specifications using graphs and machine settings.
Textbooks:	
1	Fabric Structure and Design, N. Gokarneshan, New Age International Publishers, 2008
2	Knitting Technology, Ajgaonkar D. B, Universal Publishing Corporation, 1998
Reference Books:	
1	Knitting Technology Second Edition, David Spencer, Wood Head Publishing Ltd. England 1989
2	Flat Knitting, Samuel Raz, Meisenbach Bamberg, 1993
3	Principles of Weaving, R. Marks, A.T.C. Robinson, The Textile Institute, Manchester, 1976
Web resources:	
1	https://www.textileschool.com/360/types-of-fabric-weaving-loom
2	https://textilelearner.blogspot.com/2013/08/woven-fabric-analysis-analysis-of-woven.html
3	https://www.textileflowchart.com/2014/12/process-flow-chart-of-weaving

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	1	1	3	3	2	2	3	2
CO2	2	2	3	1	1	3	3	2	2	2	2
CO3	3	3	3	1	2	3	3	2	3	2	2
CO4	2	1	3	2	1	3	3	3	2	1	2
CO5	3	1	3	2	1	3	3	2	2	1	2
Total	13	10	15	7	6	15	15	11	11	9	10
Average	2.6	2	3	1.4	1.2	3	3	2.2	2.2	1.8	2

3 – Strong, 2- Medium, 1- Low

2 nd YEAR: FOURTH SEMESTER

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDS41	FASHION PSYCHOLOGY	SEC-5	0	0	2	0	2	2	25	75	100
Learning Objectives											
LO1	Understand the psychological influence of fashion and clothing.										
LO2	Analyze the impact of color on mood, perception, and emotions.										
LO3	Explore how clothing affects social cognition, personality, and self-image.										
LO4	Evaluate psychological and social reasons behind clothing choices.										
LO5	Understand consumer behavior and psychological factors in fashion buying.										
Unit	Content									Hours	
1	Psychology and fashion: Overview of fashion psychology, psychology behind fashion and clothing – variations and combinations, correct and wrong outfit, feel and comfort, positive and negative changes, importance of applying psychology, Style affects- personal style and appearance									6	
2	Psychology of color in clothing: Psychological view of color categories, warm and cool colors, characteristics and effects of color, color blindness, metamerism, color and impression, color perceptions, mood and emotions, color and desire, harmony of colors, color combinations									6	
3	Psychological perspectives on cloths: cloths and social cognition, cloths and impression, cloths and physical appearance, cloths and body image, body modifications, dress and personality, dress and self, psychology of clothing – factors influencing fashion, effects of dress on the behaviour of the wearer.									6	
4	Psychological aspects of fashion: Understanding the purpose of clothing - Protection, modesty, concealment, attraction. Social and psychological aspects of fashion; selection of material, color, clothing according to human; understanding the theories of fashion, effect of fashion life cycle and length of fashion									6	
5	Buying behaviour and Psychology: Consumer psychology and buying behaviour: Mind to wear, get right clothing, occasional clothing, self-confidence with dressing, Reason to dress the way- psychological process, fashion psychology today, research in fashion psychology									6	
	1. The Psychology Behind Clothing Choices: How Fashion Reflects Personality, Mood, and Self-Perception 2. Color Psychology in Fashion: Emotional and Behavioral Responses to Clothing Colors 3. Consumer Psychology in Fashion: Understanding the “Mind to Wear” Concept 4. The Effect of Clothing on Behavior: A Study on “Enclothed Cognition”										

CO	Course Outcomes
CO1	Understand psychological factors influencing clothing and fashion.
CO2	Gain knowledge of Access the impact of color with mood and perceptions
CO3	Interpret the link between dress, self-image, and behavior.
CO4	Evaluate fashion choices based on psychological and cultural aspects.
CO5	Acquire better knowledge of predict the consumer's buying behavior and psychology
Textbooks:	
1	Carolyn Mair, The Psychology of Fashion (The Psychology of Everything), Routledge; 1 edition, 2018
2	Sharron J. Lennon, Kim K. P. Johnson, Nancy A. Rudd, Social Psychology of Dress, Fairchild Books, 1st, 2017
Reference Books:	
1	Mike Easey, Fashion Marketing, Wiley- Blackwell Publishing, 2011
2	Professor Karen J. Pine, Mind What You Wear: The Psychology of Fashion, Kindle edition, 2014
Web resources:	
1	https://londonimageinstitute.com/how-to-empower-yourself-with-color-psychology/
2	https://fashionandtextiles.springeropen.com/articles/10.1186/s40691-014-0020-7
3	https://scispace.com/pdf/fashion-and-positive-psychology-interactions-between-1g8bxgd7.pdf

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	1	2	2	2	2	1	2	3	2	1
CO2	3	1	2	2	2	2	1	2	3	2	1
CO3	3	1	2	2	2	2	1	2	3	2	1
CO4	3	1	2	2	2	2	1	2	3	2	1
CO5	3	1	2	2	2	2	1	2	3	2	1
Total	15	5	10	10	10	10	5	10	15	10	5
Average	3	1	2	2	2	2	1	2	3	2	1

3 – Strong, 2- Medium, 1- Low

THIRD YEAR SEMESTER-V

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC51	Fabric Structural Design	CORE – 9	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	Classify the different types of weaves used in fabric construction.										
LO2	Draw the design, draft, and peg plan of various weaves.										
LO3	Differentiate between different types of weaves based on structure and characteristics.										
LO4	Construct different types of weaves using suitable drafting techniques.										
LO5	Apply various methods of fabric representation for weave analysis and design.										
Unit	Content										Hours
1	Classification of fabrics; concept of fabric structure; representation of weave; use of point paper, repeat of weave; drafts and peg plan; relationship between weave, draft and peg plan; Construction of elementary weaves–plain, warp rib, weft rib, twill, modification of twills, satin and sateen weaves their derivatives.										15
2	Types of Weaves: Method of preparation, features and uses of Diamond weaves, Ordinary and Brighten honey comb, Huck a back and its modifications, Crepe weaves, Mock leno										15
3	Figured Fabrics: Extra warp and Extra weft figuring –single and two colours, planting, backed fabric, warp and weft backed fabrics.										15
4	Pile Fabrics: Pile fabric–Formation of pile–weft pile–plain back, twill back–length, density and fastness of pile– corduroy weft plush. Warp pile–Terry pile, with thread of wires, face to face warp pile										15
5	Double Cloth: Definition, features, classification and uses. Method of preparation of self stitched and centre warp and weft stitched double cloths, their salient feature and uses. Warp and weft Wadded double cloth. Brief idea on cross-woven designs and floral designs.										15

CO	Course Outcomes
CO1	To classify different types of weaves
CO2	To draw the design, draft and peg plan of weaves
CO3	To differentiate between different type of weaves
CO4	To construct different types of weaves
CO5	Apply the methods of fabric representation
Text Books:	
1	Gokarneshan N, Fabric Structure and Design, New Age International Publishers Ltd, New Delhi, 2004.
2	GrosichkliZ Newness, Watson's Advanced Textile Design, Butter Worths, London, 1989.
Reference Books:	
1	Corbman BP, Textiles Fibre to Fabric, International Students Edition, Mc. Graw Hill book Co, Singapore, 1985
2	Klibbe J W, "Structural Fabric Design", Revised Edition, 1965, North Carolina State University.
3	Nisbeth H, "Grammar of Textile Design", 3rd Ed., D B Tarapore Wala sons and Co. (1994)
Web resources:	
1	https://textilelearner.blogspot.com/2011/06/weaving-weaving-mechanism_643
2	https://textilelearner.blogspot.com/2012/07/basic-woven-fabric-structure-plain
3	http://textilefashionstudy.com/category/fabric-manufacturing-technology-2
4	http://www.warporweft.com/types-of-loom

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	2	3	1	2	2	1	3	2	1
CO2	3	2	2	2	1	1	2	1	3	2	1
CO3	3	3	3	3	1	2	2	1	1	3	2
CO4	3	3	3	3	1	2	2	1	1	3	2
CO5	3	2	2	2	1	1	2	1	3	2	3
Total	15	12	12	12	5	8	10	5	11	12	9
Average	3	2.4	2.4	2.4	1	1.6	2	1	2.2	2.4	1.8

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC52P	Fabric Structural Design- Practical	CORE – 9	0	0	4	0	4	4	25	75	100
Learning Objectives											
LO1	Draw the design, draft, and peg plan of basic and decorative weaves.										
LO2	Explain the structure and construction of woven fabrics.										
LO3	Understand the components and mechanisms involved in the weaving process.										
LO4	Analyze the design aspects and pattern development in weaving structures.										
LO5	Evaluate fabrics based on weave type, construction, and performance characteristics.										
Unit	Content										Hours
1	Draw the Design, Draft and peg plan of the following weave: • Plain Weave and its derivatives • Twill Weave and its derivatives • Satin and Sateen Weave • Honey Comb Weave • Huck a Buck Weave • Extra Figuring- Wrap & Weft										12
2	Collect Samples of the following weave : • Plain Weave and its derivatives • Twill Weave and its derivatives • Satin and Sateen Weave • Honey Comb Weave • Huck a Buck Weave • Extra Figuring- Wrap & Weft										12
3	Identify loop structure of knitting samples • Plain Knit • Rib Knit 1x1, 2x2 • Pique										12
4	Identify knitting samples by unravel and graphic representation: • Plain Knit • Rib Knit 1x1, 2x2 • Pique										12
5	Evaluate the fabric according to the following: Type of the weave structure, Yarn characteristics, Surface Appearance, Drape and handle, Dimensional stability, End usage, Finishing Effects										12

CO	Course Outcomes
CO1	To Draw the design, draft and peg plan of weaves
CO2	To Explain fabric structure
CO3	To Understand the weaving components
CO4	To Analyze the design aspects in the weaving pattern
CO5	To Evaluate the fabric according to weaving
Textbooks:	
1	Hayavadana, J., Woven Fabric Structure Design and Product Planning, Woodhead Publishing India Pvt. Ltd., India, 2011.
2	Gokarneshan, N., Fabric Structure and Design, New Age International Publishers, New Delhi, 2004.
Reference Books:	
1	Shenton, Jan, Woven Textile Design, Laurence King Publishing, London, 2010.
2	Adanur, Sabit, Handbook of Weaving, CRC Press, Florida, 2001.
Web resources:	
1	https://www.slideshare.net/slideshow/fabric-structureanddesign-by-n-gokarneshan/60942723
2	https://www.researchgate.net/profile/Alhayat-Getu-Temesgen/publication/331230914_Woven_Fabric_Design_and_Structure_By_Alhayat_Getu_Temesgen_and_Omer_Firat_Tursucular/links/5c6d538f4585156b570be1af/Woven-Fabric-Design-and-Structure-By-Alhayat-Getu-Temesgen-and-Omer-Firat-Tursucular.pdf

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	1	2	2	2	2	1	1	2	3	1
CO2	3	1	2	2	2	2	1	1	2	3	1
CO3	3	1	2	2	2	2	1	1	2	3	1
CO4	3	1	2	2	2	2	1	1	2	3	1
CO5	3	1	2	2	2	2	1	1	2	3	1
Total	15	5	10	10	10	10	5	5	10	15	5
Average	3	1	2	2	2	2	1	1	2	3	1

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC53	Computer Applications in Garment Industry	CORE - 11	2	1	1	0	4	4	25	75	100
Learning Objectives											
LO1	Articulate the specifications and functions of computers and their peripherals.										
LO2	Appraise the vital role of computers in various sections of the textile and garment industry.										
LO3	Understand the applications of CAD and CAM in textile and garment designing.										
LO4	Discover the use of computers in body measurements, pattern making, and grading processes.										
LO5	Evaluate the advantages of computer technology in production sequences for improving efficiency and productivity.										
Unit	Content										Hours
1	Computers and its Peripherals: Classification of computers, computer generations, computer specification, organization of computer sections. Types of storage devices, input devices, output devices.										12
2	Computers in Fashion Industry: Role of computers in fashion industry– Information flow–CAD, CAM, CIM, CAA, PDC– Definition and functions. Computers in production planning and production scheduling computerized colour matching system.										12
3	Computers in Creating Fabric and Garment Designs: CAD in creating designs– Advantages. Computerized weaving, knitting and printing, creating Computerized embroidery machines, Garment designing with CAD–2D and 3D forms.										12
4	Body Measurements, Pattern Making and Grading: 3D Body scanning systems, Made to measure systems, CAD in pattern making and grading– system description–information flow– process involved in pattern making, process involved in pattern grading										12
5	Computers in Manufacturing Process: Computer application in fabric defect checking, laying/ spreading, cutting marker planning, Labelling– Parts and functions. Computerized sewing machines.										12

CO	Course Outcomes
CO1	Articulate the specifications and functions of a computer and its peripherals
CO2	Appraise the inevitable role played by computers in various sections of a textile and garment industry
CO3	Understand the application of CAD and CAM in the areas of textile and garment designing
CO4	Discover the use of computers in the field of body measurements, pattern making and grading
CO5	Weigh the advantages of computer technology in the process sequences and thereby increase production
Textbooks:	
1	Computers in the Garment Industry– Dr R Sheela John and Dr S Amsamani, Shanga Verlag, Coimbatore, 2013
2	Fashion: From Concept to Consumer 4 th Edition– Gini Stephens Frings, Prentice Hall, Pearson, 2007
Reference Books:	
1	Computer Fundamentals, PK Sinha, BPB Publications, Delhi, 1992
2	The Technology of Clothing Manufacture, Harold Carr and Barbara Latham, Blackwell Ltd, 1994
3	Computer Technology for Textiles and Apparel, Jinlian Hu, Elsevier, 2011
4	Automation in Garment Manufacturing, Rajkishore Nayak and Rajiv Padhye, Wood head Publishing, 2017
Web resources:	
1	https://inifdahmedabad.com/blog/importance-of-cad-in-fashion-industry/
2	https://clothingindustry.blogspot.com/2018/02/application-cad-weaving.html
3	http://textilescommittee.nic.in/writereaddata/files/publication/gar4.pdf
4	https://study.com/academy/lesson/how-is-cad-cam-used-in-textiles.html
5	https://clothingindustry.blogspot.com/2018/02/importance-cad-textile-designing.html

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	1	3	3	3	2	1	1	2	3	1	3
CO2	1	3	3	3	2	2	1	2	3	1	3
CO3	3	3	3	3	3	3	1	2	3	1	3
CO4	3	3	3	3	2	2	1	2	3	1	3
CO5	3	3	3	3	2	2	1	2	3	1	3
Total	11	15	15	15	11	10	5	10	15	5	15
Average	2.2	3	3	3	2.2	2	1	2	3	1	3

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC54P	Computer Aided Design I- Practical	CORE - 12	0	0	3	0	2	3	25	75	100
Learning Objectives											
LO1	Develop basic computer-aided design skills by creating small motifs and decorative designs.										
LO2	Learn to design fashion accessories using computer-aided design software.										
LO3	Understand the principles of children's garment designing through CAD applications.										
LO4	Gain practical knowledge in designing women's garments using CAD software.										
LO5	Learn men's garment design techniques using computer-aided design tools.										
Unit	Content										Hours
1	Creating Small Designs/Motifs: • Designs for Handkerchief • Neck line Designs • Embroidery Designs • Chest Prints for T-shirts										9
2	Create an Accessory Design: • Handbags • Footwear • Hats • Belts • Bow and Tie										9
3	Create anyone Children garment design from the following list: • Jabla and Knicker • Baba Suit • Frock										9
4	Create anyone Women garment design from the following list: • Gown/Maxi • Salwar Kameez • Midi and Tops • Lehangas										9
5	Create anyone Men garment design from the following list • SB Vest • T-Shirt with Burmuda • Shirt and Pant • Kurta Pyjama										9

CO	Course Outcomes
CO1	Create innovative small designs and motifs using CAD tools for apparel applications.
CO2	Design attractive fashion accessories digitally with suitable color and style combinations.
CO3	Create digital garment designs for children with appropriate styling and proportions.
CO4	Develop creative women's garment designs digitally based on current fashion trends.
CO5	Create professional men's garment designs digitally with proper detailing and presentation.
Textbooks:	
1	Fashion Design Drawing & Presentation, Ireland Patrick John, BT Batsford Ltd, 2006.
2	Fashion Design Illustration: Children, Ireland Patrick John, BT Batsford Ltd, 2003.
Reference Books:	
1	Fashion Sketch Book, Bina Abbing, Fair Child Publication, New York, 2006.
2	Joseph-Armstrong, Helen, Patternmaking for Fashion Design, Pearson Education, New York, 2013.
3	Tata, Sharon Lee, Inside Fashion Design, Pearson Education, New Delhi, 2010.
Web resources:	
1	https://www.youtube.com/watch?v=iX7O4fNQjjA
2	https://www.youtube.com/watch?v=8pmgi7q3Gbo
3	https://www.youtube.com/watch?v=x8BsIME4gi4

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	3	3	2	2	2	2	3	3	1	2
CO2	2	3	2	3	3	3	3	3	3	1	2
CO3	3	2	1	2	2	2	3	3	3	1	2
CO4	3	3	3	1	2	1	3	3	3	1	2
CO5	2	2	1	2	3	3	3	3	3	1	2
Total	12	13	10	10	12	11	14	15	15	5	10
Average	2.4	2.6	2	2	2.4	2.2	2.8	3	3	1	2

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDE51	A) The Business of Fashion	ELECTIVE - 8	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	Describe the factors influencing fashion changes and trend evolution.										
LO2	Evaluate the contributions of fashion designers at national and international levels.										
LO3	Understand the steps involved in new product development and sales promotion in fashion business.										
LO4	Analyze the scope, functions of retailing, and pricing strategies in the fashion industry.										
LO5	Evaluate the environmental pollution caused by fashion products and promote sustainable fashion practices.										
Unit	Content										Hours
1	World of Fashion- An Overview: Factors influencing fashion changes Accelerating and Decelerating factors Understanding Fashion designer –types classicist, idealist, influenced, realist, thinking poet. Minimalists, Village India, Studio line. World Fashion Centers –Milan, Paris, London and Newyork.										15
2	Legendary Fashion Designers: Study of International Fashion Designers of the World Yves Saint Laurent, Valentino, Pierre Cardin, Ralph Lauren, Karl Lager field, Donna Karen, Georgio Armani, Coco Chanel, Calvin Klien, Christian Dior. An overview of Indian Fashion Designers – Manish Malhotra, Manish Arora, Ritu Beri, Tarun Tahiliani, Rohit Bal, Wendell Rodricks, JJ Valaya.										15
3	Fashion Products and Promotion: The fashion industry and new product development; product mix and range planning. Fashion and Seasons. Fashion Promotion–Fashion Communication; Fashion Advertising and Publicity; Personal Selling –importance and steps involved; Fashion Shows– types and steps involved in organizing as how; Sales promotion methods/strategies										15
4	Fashion Retailing: Fashion Retailing-Scope and functions, Types of Stores, Challenges for fashion retail in India, E-retailing growth and development, Major players of fashion goods online. Pricing policies and strategies for apparel products, Functions and factors Influencing pricing, pricing strategies for new products, methods of setting prices										15
5	Sustainable Fashion: Sustainable Fashion–meaning and significance; Environmental concerns related to fashion; Linear fashion and circular fashion; 4R’s in sustainability – Repair, recycle, reuse and reduce. Moving towards sustainable fashion-Eco fashion, Slow fashion; Environmental impact of fast fashion										15

CO	Course Outcomes
CO1	Describe the factors influencing fashion changes
CO2	Weigh the contributions of the fashion designers nationally and internationally
CO3	Understand the steps involved in new product development and sales promotion
CO4	Analyze the scope and functions of retailing and pricing
CO5	Evaluate the environmental pollution created by fashion products and move towards sustainable fashion
Textbooks:	
1	Drakeet- al, Retail Fashion: Promotion and Advertising, Macmillan Publication Company. NewYork, 1992.
2	Gini Stephens Frings, Fashion–From Concept to Consumer, 6 th edition, Prentice Hall, 1999.
Reference Books:	
1	Leslie Davis Burnset- al, The Business of Fashion: Designing, Manufacturing and Marketing, 4 th Edition, Bloomsbury Academic publisher, 2011
Web resources:	
1	https://247wallst.com/special-report/2018/10/01/the-30-most-influential-fashion-designers-of-all-time/8/
2	https://www.reviewsexp.com/blog/top-fashion-designers/
3	https://www.fibre2fashion.com/
4	https://fashionunited.uk/news/fashion/re-defining-sustainability-repair-recycle-reuse-and-reduce/2016052520528

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	3	3	2	2	3	1	1	1	1	2
CO2	3	3	2	2	2	3	1	1	2	1	2
CO3	2	3	1	2	2	3	1	2	1	1	2
CO4	2	3	2	2	2	3	1	1	2	1	2
CO5	1	2	1	2	2	2	1	1	2	1	2
Total	10	14	9	10	10	14	5	6	8	5	10
Average	2	2.8	1.8	2	2	2.8	1	1.2	1.6	1	2

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDE52	B) Basics of Cosmetology	ELECTIVE -8	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	Understand the concept, importance, scope, and professional roles in cosmetology, including self-grooming practices.										
LO2	Learn pedicure techniques, tools, procedures, benefits, and safety measures for professional foot care.										
LO3	Gain knowledge of manicure methods, nail care, nail art, and Mehandi application techniques.										
LO4	Understand skin and hair structure, care methods, facial steps, and basic hairstyling techniques.										
LO5	Acquire knowledge of face makeup applications, hair styling, haircuts, and occasion-based grooming.										
Unit	Content										Hours
1	Cosmetology– An Introduction: Cosmetology–Introduction, Definition, and its importance- difference between beautician and cosmetologist- features of a cosmetologist- Types and application- Self- grooming– definition and its importance.										15
2	Pedicure: Pedicure, definition, need for pedicure, tools and equipment used for pedicure, step by step procedure of pedicure-, pedicure technique –benefits –difference between spa and regular pedicure ,pedicure safety.										15
3	Manicure: Manicure- equipment used for Manicure, Types-French, hot oil, dip power manicures Paraffin wax treatments -shaping of nails, removal of the cuticles, Mehandi Classical, Arabic, Glitter, Painting and Nail Art- Nail Care										15
4	Skin and hair: Structure and function of skin, Skin types, skin tones, tips for skin care and steps in basic facial. Care for skin and hair – Basic Hair styles: Knotted style- Rolling style –Plaited style Basic structure of skin and hair, Products available, skin and hair care, make up for face and hairdo styles.										15
5	Face make up: Face make up-meaning, make up application, Make up types, shape and colour of Hair, hair care and hair styles for occasion. Basic Haircuts Straight Trimming, “U”-cut and “V”–Cut.										15

CO	Course Outcomes
CO1	Explain cosmetology fundamentals, differentiate beautician and cosmetologist roles, and apply self-grooming principles effectively.
CO2	Demonstrate pedicure procedures using appropriate tools while maintaining hygiene and safety standards.
CO3	Perform manicure treatments, shape nails, apply nail art, and create mehendi designs professionally.
CO4	Identify skin and hair types, recommend suitable care practices, and create basic hairstyles.
CO5	Apply suitable makeup techniques, style hair for occasions, and perform basic haircutting methods.
Textbooks:	
1	Dr. Neena Khanna, Body and Beauty Care, Pustak Mahal Publishers (2011).
2	Rashmi Sharma, Herbal Beauty & Body Care. Pustak Mahal Publishers (2011).
3	Richa Dave, Make-up Album, Navneet Publication (2006).
Reference Books:	
1	Catherine M. Frangie. Milady, Standard cosmetology, Milady Publishing Company.(2014).
2	Roshini Dayal, Natural Beauty Secrets from India, Tata publishing Enterprises.LLC,(2008).
3	P. J. Fitzgerald., The complete book of Hair styling, Mansoor book house,(2003). Trinny woodwall, Sun sannal constantive,
Web resources:	
1	https://www.pharmacistdunia.com/2018/07/introduction-to-cosmetology.html
2	https://ncert.nic.in/vocational/pdf/kvbk103.pdf
3	https://www.health.harvard.edu/topics/skin-and-hair
	https://www.colorescience.com/blogs/learn/how-to-apply-makeup

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	3	2	3	3	3	1	3	2	1	2
CO2	2	3	1	3	3	3	1	3	2	1	1
CO3	2	3	2	3	3	3	1	3	1	1	1
CO4	1	3	2	3	3	3	1	3	2	1	2
CO5	1	3	1	3	3	3	1	3	1	1	1
Total	8	15	8	15	15	15	5	15	8	5	7
Average	1.6	3	1.6	3	3	3	1	3	1.6	1	1.4

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDE53P	A) Couture Design Development Practical	ELECTIVE -9	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	Conduct design research and develop creative concepts.										
LO2	Apply textile and surface variations in design										
LO3	Create innovative silhouettes and garment components										
LO4	Design couture garments for different segments and body types										
LO5	Enable students to know sequence of steps involves in product development.										
Unit	Content										Hours
1	Design Development: - Recent print research - Repeated pattern and types - Texture variations - Inspiration from art - Bio mimicry in fashion										15
2	Surface Design and Texture Development: - Development of fabric manipulation and surface samples - Application of textures to design layouts										15
3	Silhouette and Garment Component Development: - Silhouette modifications: A-line, mermaid, ball gown, asymmetrical, layered - Exploration of garment components: sleeves, necklines, collars, yokes, panels - Application of Cut-Make-Trim (CMT) techniques in modern fashion										15
4	Couture Design Development for Global and Inclusive Fashion: (Only Sketches) - Study on the wedding dress-Across countries and Culture - Introduction to inclusive fashion and plus-size design considerations										15
5	Red Carpet Couture and Final Design Collection - Study of red carpet fashion and couture trends - Use of high-end trims, embellishments, and luxury finishes - Styling and accessorizing couture garments Final compilation of designs (Develop Garments of 2 in each category: Bridal, Plus-size, Red Carpet)										15

CO	Course Outcomes
CO1	To develop design skills across traditional, party wear, and bridal segments
CO2	To enhance creativity through print, texture, and silhouette exploration
CO3	To understand global and cultural influences in couture design
CO4	To create inclusive fashion designs for diverse body types
CO5	To apply couture techniques in contemporary fashion
Textbooks:	
1	Fashion Design and Product development, Harold Carr John Pomeroy, Blackwell Publication, 1992.
2	Portfolio design + Presentation, Anna Kiper, Batas ford publications, 2014.
	Portfolio presentation for fashion designers, Linda Tain, Fair child Publishers, 2010.
Reference Books:	
1	Portfolio Management, S. Kevin, Prentice hall of India, PHI publications, 2006.
2	Design with Color: The design guide to over 1000 color combination, Alles, Jeanne, Chronicle Books, 1992.
Web resources:	
1	https://youtu.be/HEsmu45SKv4
2	https://youtu.be/buERDxIBn8w

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	1	1	3	2	1	1	2	3
CO2	2	2	3	1	1	3	2	1	1	2	3
CO3	3	3	3	1	2	3	1	1	1	2	2
CO4	2	1	3	2	1	3	1	1	1	2	3
CO5	3	1	3	2	1	3	1	1	1	2	3
Total	13	10	15	7	6	15	7	5	5	10	14
Average	2.6	2	3	1.4	1.2	3	1.4	1	1	2	2.8

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDE54P	B) Cosmetology Practical	Elective-9	4	1	0	0	4	5	25	75	100
Learning Objectives											
LO1	Understand cosmetology concepts and professional roles										
LO2	Perform basic pedicure services										
LO3	Perform basic manicure services										
LO4	Analyze skin and hair types and provide appropriate care										
LO5	Execute basic makeup and hairstyling techniques										
Unit	Content										Hours
1	Cosmetology and Self-Grooming - Personal grooming routine preparation - Demonstration of basic hygiene and grooming techniques										15
2	Pedicure Techniques - Performing basic and spa pedicure - Identification and use of tools - Hygiene and sanitation practices										15
3	Manicure and Nail Care - Performing different types of manicure - French, hot oil, dip powder manicure - Nail shaping and cuticle removal - Basic nail art and mehndi application - Classical, Arabic, Glitter, Painting styles										15
4	Skin and Hair Care - Skin analysis and basic facial procedure - Practice of basic hairstyles - knotted, rolling, plaited styles - Identification and use of products										15
5	Face Makeup and Basic Hair Styling - Basic makeup application - base, eyes, lips, contouring - Hairstyling for occasions - Demonstration of basic haircut techniques- Straight cut, U-cut, V-cut										15

CO	Course Outcomes
CO1	To introduce students to the fundamentals of cosmetology
CO2	To train students in basic pedicure services.
CO3	To train students in basic manicure services.
CO4	To develop basic skills in skin care and hair care
CO5	To develop basic skills in grooming and makeup
Textbooks:	
1	Milady Standard Cosmetology, Milady Publications, 14th Edition, 2022
2	Milady Standard Cosmetology (India Edition), Milady Publications, 2008
Reference Books:	
1	Handbook of Cosmetic Science and Technology. Barel, André O., et al. 4th ed., CRC Press, 2014.
2	Beginning Cosmetic Chemistry. Romanowski, Perry, and Randy Schueller. 3rd ed., Allured Publishing, 2016.
Web resources:	
1	https://dos.ny.gov/system/files/documents/2021/05/images-of-cosmetology-practical-exam-procedures.pdf
2	https://www.youtube.com/playlist?list=PLF3BCA53803C80FC5

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	3	3	1	1	3	2	1	1	2	3
CO2	2	2	3	1	1	3	2	1	1	2	3
CO3	3	2	3	1	2	3	1	1	1	2	2
CO4	2	1	3	2	1	3	1	1	1	2	3
CO5	3	1	3	2	1	3	1	1	1	2	3
Total	12	9	15	7	6	15	7	5	5	10	14
Average	2.4	1.8	3	1.4	1.2	3	1.4	1	1	2	2.8

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									Cl A	Ex ter nal	To tal
24UCDIK51	Indian Aesthetics and Fashion Studies	IKS	1	1	0	0		2	25	75	100
LO1	To introduce the concepts of Indian Knowledge Systems (IKS) in fashion and costume studies.										
LO2	To develop understanding of Indian traditional costumes, textiles, and craft heritage.										
LO3	To familiarize students with Indian costume and textile heritage.										
LO4	To develop awareness about indigenous sustainable practices										
LO5	To encourage creative adaptation of traditional crafts in modern fashion.										
Unit	Content										Hours
1	Introduction to IKS in Fashion: Meaning and concept of Indian Knowledge Systems (IKS), Importance of IKS in costume and fashion, Evolution of Indian costumes, Traditional clothing practices in India, Costume as cultural identity. Influence of religion, climate, geography, and lifestyle on Indian costumes, Indian aesthetics and philosophy in clothing,										6
2	Traditional Indian Textiles and crafts: Introduction to Indian textile heritage, Handloom traditions of India, Traditional weaving techniques, Traditional embroidery styles: Kantha, Chikankari, Phulkari, Kasuti, Zardozi, Mirror work. Natural dyeing and printing methods- Kalamkari and block printing, Tribal and folk textile traditions. Role of artisans and craft communities, Indigenous sustainable textile practices										6
3	Indian costume design and cultural aesthetics: Traditional costumes of different Indian states, Folk and tribal costumes, Temple and ceremonial costumes, Costumes of Indian classical dance and draping styles- Bharatanatyam, Kathak, Kuchipudi, Kathakali, Odissi. Traditional - Saree drapes, Dhoti draping, Turban styles. Symbolism and mythology.										6
4	Sustainable fashion and IKS: Meaning and importance of sustainable fashion, Sustainable practices in traditional Indian clothing systems, Slow fashion and ethical fashion, Khadi movement and Gandhian philosophy, Use of natural fibres and organic textiles, Artisan-based production systems, Environmental impact of fast fashion.										6
5	Contemporary applications of IKS in fashion: Revival of Indian crafts in modern fashion, Fusion of traditional and contemporary fashion, Fashion entrepreneurship based on indigenous crafts, Role of GI tagging in textile preservation, Digital documentation of traditional textiles and costumes, Portfolio development using IKS inspirations.										6

CO	Course Outcomes
CO1	Understand the importance of Indian Knowledge Systems in costume and fashion.
CO2	Identify traditional Indian textiles, costumes, and craft techniques.
CO3	Apply traditional motifs, drapes, and ornamentation in costume design.
CO4	Develop sustainable and eco-friendly fashion products.
CO5	Create contemporary fashion designs inspired by Indian heritage.
Textbooks:	
1	Mahadevan, B. Introduction to Indian Knowledge System . PHI Learning Pvt. Ltd., New Delhi.
2	Ghurye, G.S. Indian Costume . Popular Prakashan, Mumbai.
3	Gillow, John. Traditional Indian Textiles . Thames & Hudson Publications.
Reference Books:	
1	Ranjan, M.P. & Aditi Ranjan. Handmade in India . National Institute of Design.
2	Jain, Jyotindra. Textiles and Crafts of India . Mapin Publishing.
3	Paine, Sheila. Indian Embroidery . British Museum Press.
4	Kapil Kapoor & Avadhesh Kumar Singh. Indian Knowledge Systems . D.K. Printworld.
Web resources:	
1	https://design.careers360.com/articles/iift-bangalore-why-learning-indian-knowledge-systems-iks-in-fashion-design-could-be-your-career-advantage
2	https://www.iiftbangalore.com/blog/core-principles-of-iks-in-fashion-rta-dharma-pancabhuta/
3	https://jcoma.com/index.php/JCM/article/download/329/206

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3	2	2	2	2	2	3	3
CO2	3	3	3	3	2	2	3	2	2	3	3
CO3	3	3	3	3	3	3	3	2	2	3	3
CO4	3	3	3	3	2	2	3	2	2	3	3
CO5	3	3	3	3	2	2	3	2	2	3	3
Total	15	15	15	15	11	11	14	10	10	15	15
Average	3	3	3	3	2.2	2.2	2.4	2	2	3	3

3 – Strong, 2- Medium, 1- Low

THIRD YEAR SEMESTER- VI

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC61	Garment Quality and Cost Control	CORE-13	4	1	0	0	4	5	25	75	100
LO1	Define and establish quality standards for garments and textile products.										
LO2	Describe the functions and importance of quality control in apparel production.										
LO3	Analyze garment costing methods and cost control measures in production.										
LO4	Appraise different quality management systems used in the garment industry.										
LO5	Evaluate product quality based on prescribed standards and quality parameters.										
Unit	Content										Hours
1	Garment Quality and Cost Control: Definition and Scope of Quality control – establishing merchandising standards- establishing raw material quality control specifications – quality control of raw material. Establishing Processing quality specification – Quality control inspection procedures for processing- Quality control of finished garments–Quality control for packaging, ware housing and shipping–Statistical quality control-Sampling plans–Industry-wide quality standards.										15
2	Functions of Production Control: Function of production control–Production analysis–Quality specifications–quantitative specifications Basic production systems whole garment, departmental whole garment, subassembly systems and progressive bundle systems, Principles for choosing a production system – Evaluating production systems										15
3	Functions of Cost Control: Functions of cost control, types of costs and expenses – Apparel manufacturing cost categories sales cost control, purchasing cost control, production cost control, administration cost control cost ration policies–the manufacturing budget–cash flow controls–standard cost sheet, break-even– charts.										15
4	Quality Management: Quality–Evolution of Quality management–Quality function and quality planning Basic concepts of Total Quality Management (TQM) –Principles of TQM– Quality Trilogy– Four pillars of TQM– PDCA cycle & PDSA cycle–Kaizan concept– 5“S Philosophy–Quality circles.										15
5	Environmental Management System: Environmental Management System (EMS)–Meaning & Definition–Elements of EMS– Benefits of EMS– Environmental Policies–Implementation of ISO14000– study on other management system: SA8000, OHSAS18000 and WRAP.										15

CO	Course Outcomes
CO1	Define and establish quality standards
CO2	Describe functions of quality control
CO3	Analyze on garment cost and cost control
CO4	Appraise on different quality management systems
CO5	Evaluate the quality based on the parameters
Textbooks:	
1	Apparel Manufacturing Analysis, Solinger, Jacob, NewYork, Textiles books,1961.
2	Managing Quality In The Apparel Industry, Pradip V Mehta, Sathish K Bhardwaj, New Age International,1998
Reference Books:	
1	Apparel manufacturing hand book, analysis Principles and Practice, Solinger, Jacob, Columbia media corp, 1988.
2	Quality Control Handbook, J.M. Juran,. Publications Mc Graw- Hill Education, 1988.
3	Total Quality Management, Basker S, Anuradha Publications, Kumbakonam, 2017.
Web resources:	
1	https://textilelearner.blogspot.com/2011/08/quality-control-system-in-garments_2589.html
2	https://www.fibre2fashion.com/industry-article/3055/quality-systems-for-garment-
3	https://onlinegarmentsacademy.blogspot.com/2019/07/quality-control-of-apparel- industry.html

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	2	3	3	2	2	2	3	2	1
CO2	3	2	3	2	3	1	2	2	3	2	1
CO3	2	2	2	3	2	2	1	2	3	3	1
CO4	3	3	2	3	2	2	1	2	3	2	1
CO5	2	3	3	1	2	1	1	2	3	2	1
Total	13	12	12	12	12	8	7	10	15	11	5
Average	2.6	2.4	2.4	2.4	2.4	1.6	1.4	2	3	2.2	1

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC62P	Computer Aided Design II Practical	CORE - 14	0	0	5	0	3	5	25	75	100
LO1	Understand various colour harmonies and their application in garment designing using computer-aided design tools.										
LO2	Learn the elements of design and their role in developing attractive garment designs through CAD.										
LO3	Understand the principles of design and their importance in apparel creation.										
LO4	Gain knowledge of seasonal influences on garment styles, colours, and fabric selection.										
LO5	Understand pattern drafting, grading methods, and occasion-based garment designing using CAD.										
Unit	Content										Hours
1	Create Garment Designs for the Following Colour Harmonies • Monochromatic colour harmony • Analogous colour harmony • Complementary colour harmony • Double complementary colour harmony • Split Complementary colour harmony • Triad colour harmony • Tetrad colour harmony • Neutral colour										15
2	Create Garment Designs for the Following Elements of Design • Line • Shape • Size • Texture Create complete set of trimmings for any 2 garments using elements-Brand Label, Size Label, Care and Composition Label, Poly bag.										15
3	Create Garment Designs for the Following Create designs for different School Uniform- Preschool and Higher Secondary using the following principles of Design • Balance • Rhythm • Emphasis • Proportion • Harmony										15
4	Create Garment Designs for the Following Seasons and Occasions Seasons- • Summer • Winter • Spring • Autumn Occasions- • Party wear • Casualwear • Wedding collection • Sports wear (any sports)										15
5	Prepare a Patterns for the Following Garments • Bib • Jabla • Salwar • T-Shirt • Children's Frock • Ladies skirt Create a face retouching with full garment view. (Hair or skin tone change)										15

CO	Course Outcomes
CO1	Create garment designs with different colour harmonies in computers
CO2	Develop garment designs with various elements of design in computers
CO3	Design garment sketches following the principles of design in computers
CO4	Create garment designs for various seasons in computers
CO5	Draft and grade patterns digitally
Textbooks:	
1	Fashion Design Drawing & Presentation, Patrick John Ireland, Pavilion Books, London, United States, 1982.
2	Drawing and Designing Children's and Teenage Fashions, Patrick John Ireland, Wiley, 1979.
	Fashion Design Illustration: Men, Patrick John Ireland, B.T. Bats ford Books, London, 1996.
Reference Books:	
1	Fashion Sketch Book, Bina Abling, Fair child Books, NewYork, 2007
2	Foundation in fashion design and Illustration, Julian Seaman, B.T. Bats ford Books, London, 2001
Web resources:	
1	https://www.youtube.com/watch?v=jTWtQNTJt_A https://www.youtube.com/watch?v=iX7O4fNQijA
2	https://www.youtube.com/watch?v=nWCNuSBclY0
3	https://www.youtube.com/watch?v=x8BsIME4gi4

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	2	1	3	3	3	3	1	2
CO2	3	3	2	3	1	3	3	3	3	1	2
CO3	3	3	2	2	1	3	3	3	3	1	2
CO4	3	3	2	3	1	2	3	3	3	1	2
CO5	3	3	2	2	1	3	3	3	3	1	2
Total	15	15	10	12	10	14	15	15	15	5	10
Average	3	3	2	2.4	2	2.8	3	3	3	1	2

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDC63P	Project with Viva- Portfolio Development	PROJECT	0	0	5	0	4	0	25	75	100
LO1	Predict future fashion trends through market analysis and trend forecasting techniques.										
LO2	Design a garment collection based on a selected inspiration or theme.										
LO3	Develop various fashion boards such as mood boards, inspiration boards, and color boards.										
LO4	Create a professional portfolio album showcasing design concepts and collections.										
LO5	Compile, organize, and present the portfolio effectively using appropriate presentation techniques.										
Unit	Content										Hours
1	Fashion Design Portfolio–An Introduction A fashion design portfolio is a collection of samples put together by a fashion designer to show off his or her skills to a prospective employer or fashion school. A typical fashion design portfolio should include fashion illustrations, an inspiration or mood board with textile swatches, flat sketches manually or with computer.										15
2	Collection of Portfolio research, forecasting trend Preparation of customer profile										15
3	Preparation of Boards Preparation of theme board and mood board Preparation of storyboard Preparation of colour board and fabric board Preparation of flat sketches/silhouette development Preparation of accessory board										15
4	Preparation of photographic board Preparation of pattern according to the design selected garment Constructing the garment to the customer profile										15
5	Portfolio presentation: Soft copy, Hard copy, Modelling with Photoshoot Evaluation of the Project The student should present the portfolio and the garments to the panel of examiners and answer the questions raised by the examiners										15

CO	Course Outcomes
CO1	predict the future trends
CO2	Design garment collection based on an inspiration/theme
CO3	Develop various boards
CO4	Create a portfolio album
CO5	Compile and present the portfolio effectively
Textbooks:	
1	Fischer, Anette, Fashion Design Studio: Learn the Skills of Fashion Design, Laurence King Publishing, London, 2013
2	Print. Tain, Linda. (2010) Portfolio Presentation for Fashion Designers, (3rd revised) New York: Fairchild Publications. Print.
Reference Books:	
1	Barrett, Joanne. (2012) Designing Your Fashion Portfolio, New Delhi: Bloomsbury Publishing India Private Limited. Print.
2	Kiper Anna. (2014) Fashion Portfolio: Design and Presentation, London: Batsford Ltd.
Web resources:	
1	https://www.apparesearch.com/fashion/designer/name/a/anna_sui/spring_fashions_anna_sui_fashion_designer_guide.htm
2	https://fashionandillustration.com/en/how-to-make-a-fashion-collection/
3	http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	3	3	3	3	2	3
CO2	2	2	2	3	3	2	3	3	3	2	3
CO3	3	2	2	2	2	3	3	3	3	2	3
CO4	3	3	3	2	3	3	3	3	3	2	3
CO5	2	3	3	3	3	2	3	3	3	2	3
Total	13	13	13	12	14	14	15	15	15	10	15
Average	2.6	2.6	2.6	2.4	2.8	2.8	3	3	3	2	3

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDE61	A) Technical Textiles	ELECTIVE-10	4	1	0	0	4	5	25	75	100
LO1	Understand the concept, scope, fibre developments, and applications of technical textiles.										
LO2	Gain knowledge of functional clothing design, smart apparel features, and medical textile and agro textile materials.										
LO3	Learn the materials, properties, functions, and uses of build tech and geo textiles.										
LO4	Understand protective clothing materials, safety requirements, and industrial textile applications.										
LO5	Acquire knowledge of sportswear requirements, smart fibres, intelligent textiles, and advanced textile technologies										
Unit	Content										Hours
1	Introduction to Technical Textiles and Functional Apparels: Introduction to Technical textiles, definition and scope of technical textiles, developments in fibres- natural fibres, polyamide, polyester, viscose rayon, polyolefin, high performance fibres and glass and ceramics, Application of technical textiles. Functional apparels: Design and engineering of functional clothing, requirements, smart characteristics: structural, aesthetic, functional, comfort and fit for clothing.										15
2	Medical and Agro Textiles: Medical textile: Materials used and classification. Requirements and application. Textiles for Health care and Hygiene products. Agro Textiles - Introduction, fibers used Types, functions and properties, Characteristics and Applications.										15
3	Build Tech and Geo Textiles Build Tech - Introduction, fibers used Types, functions and properties, Characteristics and Applications. Geo textiles: - Introduction, fibers used Types, functions and properties, Characteristics and Applications in its field.										15
4	Protective Wear and Indu Tech: Selection of materials, requirements and functions of flame resistant, chemical, mechanical, electrical and radiation protective clothing Indu Tech - Introduction, fibers used, Types, functions and properties, Characteristics and Applications in its field										15
5	Sports Wear , Smart and Intelligent Textiles: Sports wear requirements-functional fibers, yarns and fabrics suitable for sports wear Sweat management for sports application. Foot wear Clothing: Fabric requirements, finishing adaptability. Smart and Intelligent Textiles: Smart fibers: Nano fibers, Photo adaptive fibers, Chameleon fibers, Conductive fibers– properties and applications in textiles and apparels. Phase change materials: properties and applications. Shape memory polymers and properties. Stimuli sensitive intelligent textiles.										15

CO	Course Outcomes
CO1	Explain technical textiles, classify advanced fibres, and identify their industrial applications.
CO2	Analyze requirements of functional apparels and classify medical textiles for healthcare and hygiene uses and agro textiles.
CO3	Differentiate build tech and geo textiles and evaluate their applications in construction and civil engineering fields.
CO4	Select suitable materials for protective wear and explain functions and uses of industrial textiles.
CO5	Recommend suitable materials for sportswear and explain applications of smart and intelligent textiles in apparel.
Textbooks:	
1	Handbook of Technical Textiles, A. R Horrock, S.C Anand, Wood head Publishing, 2000.
2	Handbook of Industrial Textiles, S. Adanur, Technomic Publication, 2001.
	Textiles for Sports wear, Roshan Shishoo, Wood head Publishing, 2015.
Reference Books:	
1	Design and manufacture of Textile Composites, M.C Kanna, Hearle O Hear, Textile process, Textile Institute, Manchester, 2004.
2	Hand book of Medical Textiles, V Bartels, Wood head Publishing, 2011.
Web resources:	
1	https://nptel.ac.in/courses/116/102/116102057/
2	https://www.classcentral.com/course/swayam-testing-of-functional-and-technical-textiles-13051

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	3	2	3	3	2	3
CO2	2	2	2	3	3	2	2	3	3	2	3
CO3	3	2	2	2	2	3	2	3	3	2	3
CO4	3	3	3	2	3	3	2	3	3	2	3
CO5	2	3	3	3	3	2	2	3	3	2	3
Total	13	13	13	12	14	14	10	15	15	10	15
Average	2.6	2.6	2.6	2.4	2.8	2.8	2	3	3	2	3

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDE62	B) Fashion Trends and Forecasting	ELECTIVE - 10	4	1	0	0	4	5	25	75	100
LO1	Understand the concept, principles, process, and significance of trend forecasting in fashion.										
LO2	Understand the role of fashion forecasting in predicting style changes and market trends.										
LO3	Understand the forecasting process through market research, consumer analysis, and trend evaluation.										
LO4	Understand qualitative and quantitative forecasting methods used in fashion industries.										
LO5	Understand the importance and process of colour forecasting in fashion and marketing.										
Unit	Content										Hours
1	Trend forecasting- Introduction, Objectives. Importance of forecasting, Elements of forecasting, Principles of forecasting, Theories explaining forecasting, Steps in forecasting, Major areas of forecasting, Advantages and limitations in forecasting.										15
2	Fashion forecasting- Role of fashion forecaster, Long- term forecasting, Short- term forecasting. Direction of fashion change, Forecasting with Trend, Seasonality and Cycles, Time series and Trends, Constant pattern, Linear pattern. Role of internet in fashion forecasting.										15
3	Fashion forecasting process- Activities. Market research- Consumer research, Shopping, Sales records, Evaluating the collections- Fashion trends, Trends for target markets, Colour forecasting, textile development and sales forecasting. Fashion services and resources- Collection reports, Trend reports, Consulting services, Fashion editing, Trade publications.										15
4	Forecasting methods- Subjective approach- Qualitative methods, Objective approach- Quantitative methods. Fashion forecasting techniques- Delphi technique, Scenario writing, Subjective approach, Timeseries forecasting. Forecast accuracy, Forecast error measures. Future of fashion forecasting. Social Responsibility & Sustainability Related to Fashion Trends and Forecasting.										15
5	Colour forecasting- Steps in Colour forecasting - Colour forecast reports. Dimensions of Colour, Colours in Marketing, Consumers and the Psychology of Colours. Forecasting with Colour Cycles, Colour Research, Sources for Colour Ideas and Palettes. AI tools in forecasting. Social responsibility & sustainability related to fashion trends and forecasting.										15

CO	Course Outcomes
CO1	Explain the objectives, elements, theories, steps, advantages, and limitations of trend forecasting.
CO2	Analyze forecasting types, trend patterns, seasonality, cycles, and the role of internet in fashion forecasting.
CO3	Apply forecasting resources and methods for colour, textile, sales, and target market trend prediction.
CO4	Evaluate forecasting techniques, forecast accuracy, and future forecasting trends with sustainability practices.
CO5	Analyze colour psychology, colour cycles, AI tools, and sustainable practices in colour trend forecasting.
Textbooks:	
1	Barry Keating, J Holton Wilson, “Forecasting and predictive analytics”,2019, Mc Graw Hill, ISBN:978-1260-085235.
2	Fernand Gobet, “Understanding Trends: Prediction, Forecasting, and Explanation,” 2021, Oxford University Press.
3	Lorynn Divita, “Fashion Forecasting: Research, Analysis, and Presentation,” 2022, Bloomsbury Publishing
Reference Books:	
1	Gilbson R, “The 4 lenses of Innovation: A power tool for Creative thinking, Wile publications, 2015, ISBN: 9781118740248.
2	Kim, Eundeok., etal. “Fashion Trends: Analysis and Forecasting”, Englisher, Berg, 2011
3	Rita Perna “Fashion Forecasting”, Fairchild Publications, New York.
4	Rousso, Chelsea, and Nancy Ostroff, “Fashion Forward: A Guide to Fashion Forecasting. Second edition, Fairchild Books, 2018
Web resources:	
1	https://www.wgsn.com/en?utm_source=chatgpt.com
2	https://www.trendstop.com/fashion-trend-forecasting/
3	https://www.trendstop.com/fashion-color-trend-forecasting/

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	3	1	3	3	2	3
CO2	2	2	2	3	3	2	2	3	3	2	2
CO3	2	2	2	2	2	3	1	3	3	2	3
CO4	2	3	3	2	3	3	2	3	3	2	2
CO5	2	3	3	3	3	2	2	3	3	2	3
Total	11	13	13	12	14	14	8	15	15	10	13
Average	2.2	2.6	2.6	2.4	2.8	2.8	1.6	3	3	2	2.6

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDE63	A)Apparel Brand Management	ELECTIVE - 11	0	1	4	0	4	5	25	75	100
LO1	Understand the concepts and strategies involved in branding for effective brand building.										
LO2	Learn and apply brand positioning strategies for market differentiation.										
LO3	Identify and list various methods used for brand appraisal and evaluation.										
LO4	Develop and implement effective brand strategies in competitive business environments.										
LO5	Understand the key variables that drive the success and growth of brands.										
Unit	Content										Hours
1	Significance of Branding: Brand–Definition, Evolution, functions, brand significance; branding types and strategies international apparel brands identification of perspectives and challenges to build brand- Indian garment brands and prospects of Indian brands										15
2	Brand Positioning: Importance of Branding Positioning–Basic branding concepts Brand Image, Brand Identity, Brand Equity and Brand Personality Meaning and Definition, Types, Elements; Brand Ambassadors Celebrity Branding; Brand Loyalty; Product Vs Corporate Branding: Major Branding decisions. Positioning strategies of international garment retailers										15
3	Brand Appraisal: Brand appraisal–Definition and methods- exploration, market, customer, competition analysis, reasoning of brands importance and methods involve d-laddering, emotional and rational, Brand mapping–circle, prism and triangle.										15
4	Brand Repositioning: Brand Identity and Extension: Brand identity and articulation–name, colour, design, logo and symbols, brand service advertising and cross-cultural influence; brand extension – need and types; Advantages and Disadvantages; labelling and licensing of apparel products–types, license agreement, and international property rights; need for developing brand names and labels for apparel manufactured and exported from India										15
5	Brand Measurement: Brand measurement- definition, need and methods–audit, track, brand over time–managing brand image-need, concepts of management, forces affecting brand and maintenance of brand, Study on brands and brand management of Indian Garment										15

CO	Course Outcomes
CO1	Understand concepts and strategies involved in Branding for effective Brand Building.
CO2	Learn about the brand positioning strategies
CO3	List out the various Brand appraisal methods
CO4	Learn develop and implement winning Brand Strategies in an array of competitive contexts
CO5	Learn about the variables that drives the success of Brands
Textbooks:	
1	BrandManagement:TextsandCases,Niraj.Kumar,HimalayaPublishingHouse,2015
Reference Books:	
1	BrandManagement,HarshVVerma,Excelbooks,2010
2	BrandManagementTextandCases,MathurU.C.,MacmillanIndiaLtd.2006
Web resources:	
1	https://www.tutorialspoint.com/brand_management
2	https://www.managementstudyguide.com/brand-management.html

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	1	1	1	3	2	3	1	2	2	2	1
CO2	1	1	1	3	2	3	1	1	2	2	1
CO3	1	1	1	3	2	3	1	1	2	1	2
CO4	1	1	1	3	2	3	1	2	2	1	2
CO5	1	1	1	3	2	3	1	2	1	1	2
Total	5	5	5	15	10	15	5	8	9	7	8
Average	1	1	1	3	2	3	1	1.6	1.8	1.4	1.6

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDE64	B) Fashion and Media	ELECTIVE - 11	0	1	4	0	4	5	25	75	100
LO1	Understand the basics of fashion media and its importance in the fashion industry.										
LO2	Learn the functions of print and broadcast media in fashion communication.										
LO3	Understand the impact of digital and social media on fashion marketing.										
LO4	Gain knowledge of advertising techniques and branding strategies in fashion.										
LO5	Develop practical skills in fashion journalism and media production.										
Unit	Content										Hours
1	Introduction to Fashion and Media: Meaning and concept of fashion media – Evolution of fashion communication – Importance of media in fashion industry – Types of media: Print, Broadcast, Digital and Social Media – Role of media in shaping fashion trends – Fashion as visual communication.										15
2	Print and Broadcast Media in Fashion: Fashion magazines and newspapers – Role of editors, stylists, photographers, and journalists – Fashion columns and editorial writing – Television and radio in fashion promotion – Fashion shows coverage – Interviews and celebrity endorsements.										15
3	Digital Media and Social Media Marketing: Digital transformation in fashion media – Social media platforms for fashion: Instagram, Facebook, Pinterest, YouTube – Influencer marketing – Blogging and vlogging – Content creation strategies – Online fashion campaigns.										15
4	Fashion Advertising and Branding: Concept of fashion advertising – Advertising media selection – Brand identity and positioning – Visual merchandising through media – Celebrity branding – Public relations in fashion – Case studies of leading fashion brands.										15
5	Fashion Journalism and Media Production: Fashion journalism – News writing and reporting in fashion – Fashion photography basics – Fashion film and video production – Writing press releases – Ethics in fashion media – Portfolio creation and media presentation.										15

CO	Course Outcomes
CO1	Explain the concept, evolution, and types of fashion media.
CO2	Analyze the role of print and broadcast media in promoting fashion brands and trends.
CO3	Apply social media tools and strategies for fashion promotion.
CO4	Develop branding and promotional ideas for fashion products through media.
CO5	Create effective media content such as articles, photographs, and promotional materials for fashion brands.
Textbooks:	
1	Stone, E. <i>The Dynamics of Fashion</i> . Fairchild Publications.
2	Tortora, P. & Eubank, K. <i>Survey of Historic Costume</i> . Fairchild Books.
3	Jackson, T. & Shaw, D. <i>Mastering Fashion Marketing</i> . Palgrave Macmillan.
Reference Books:	
1	Easey, M. <i>Fashion Marketing</i> . Wiley Publications.
2	Tungate, M. <i>Fashion Brands: Branding Style from Armani to Zara</i> . Kogan Page.
3	Sherman, E. <i>Fashion Public Relations</i> . Fairchild Books.
Web resources:	
1	https://ijpsat.org/index.php/ijpsat/article/download/6330/4092
2	https://iaminteligenciaemmoda.com.br/wp-content/uploads/2017/06/BLOOMSBURRY_-FASHION-AND-MEDIA-_M-Wolbers-1.pdf
3	https://www.fabricofchange.ie/articles/the-role-of-media-in-the-fashion-transition

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	3	2	3	3	2	3
CO2	2	2	2	3	3	2	2	3	3	2	3
CO3	3	2	2	2	2	3	2	3	3	2	3
CO4	3	3	3	2	3	3	2	3	3	2	3
CO5	2	3	3	3	3	2	2	3	3	2	3
Total	13	13	13	12	14	14	10	15	15	10	15
Average	2.6	2.6	2.6	2.4	2.8	2.8	2	3	3	2	3

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDP61	Communication and Work Ethics for Apparel Industry	Professional Enhancement Course	1	1	0	0	2	2	25	75	100
LO1	To develop effective communication, listening, and professional correspondence skills for personal and workplace interactions.										
LO2	To enhance business communication and writing skills required for effective workplace and customer interaction.										
LO3	To develop professional behavior, ethical practices, and problem-solving skills in the workplace.										
LO4	To create awareness about workplace harassment and develop skills to prevent and respond to inappropriate behavior.										
LO5	To develop planning, organizing, teamwork, and leadership skills for effective workplace performance.										
Unit	Content										Hours
1	Communication: Meaning and definition. Types of Communication- Verbal and non- Barriers of Communication. Listening- Definition- Listening Process- Types Superficial, Appreciative, Focused, Attentive Evaluative, Empathetic. Active listening- Strategies of developing active listening skills. Letter Correspondence- Introduction, Objectives-Requirement correspondence- definition, application letter, contact of resume and CV, interview letter, offer of employment, letter of acceptance, resignation letter, letter of recommendation.										6
2	Business Correspondence: Meaning and significance- Principles- Essentials of Business letters- introduction, format and layout- E-mail report writing, writing skills - Elements of business letter Work place communication, Follow routine verbal and written instructions, develop effective workplace relationships, Communicate and work with team members, Respond effectively to customer requests.										6
3	Maintaining Professionalism in Workplace: Respect work time frames, maintain personal appearance and hygiene, Maintain adequate distance with colleagues and clients, Work in an ethical manner (honesty, work integrity, work ethics). Problem solving in work activities- Identify and examine problem, determine fundamental causes of the problem, determine corrective action, Provide recommendations to authorities.										6
4	Workplace Harassment: Identify the difference between acceptable behavior and unacceptable behavior, define work place harassment –types of harassment. Strategies to protect self and deal with work place harassment, Support colleagues and assist in creating a harassment policy.										6
5	Planning and organizing work: Set objectives and plan work activities, Plan and schedule work activities, implement work plans, Monitor work activities. Lead small teams- Motivate and build the team, facilitate team development and monitor team effectiveness.										6

CO	Course Outcomes
CO1	Understand communication and its types
CO2	Improve work place communication
CO3	Maintain professionalism in workplace
CO4	Manage work place harassment
CO5	Plan and organize work effectively
Textbooks:	
1	Good Practice Guide Professionalism at Work by Richard Brindley
2	Integrity, Honesty, and Truth Seeking by Christian B. Miller, Ryan West
3	Workplace Communication by Leena Mikkola, Maarit Valo
4	Effective Communication in the Work place by David L. Lewis
Reference Books:	
1	Practical Problem- Solving Skills in the Work place by Judith Combes Taylor, Judith Combes Taylor Ph.D., Rebekah Lashman, Pamela Helling
2	Problem-Solving and Decision Making by Jeff Butterfield
3	Asian Perspectives on Workplace Bullying and Harassment by Avina Mendonca, Ernesto Noronha, Premilla D Cruz
4	Bullying and Harassment in the Work place by Cary Cooper, Dieter Zapf, Helge Hoel, Stale Einarsen
Web resources:	
1	https://www.javatpoint.com/barriers-of-communication
2	https://www.toppr.com/guides/business-communication-and-ethics/business-correspondence/meaning-and-importance-of-business-correspondence
3	https://career.vt.edu/develop/professionalism.html

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	1	3	3	3	2	2	2	2	2	1	3
CO2	1	3	3	3	2	2	3	2	2	1	3
CO3	3	3	3	3	3	3	3	2	2	1	3
CO4	3	3	3	3	2	2	3	2	2	1	3
CO5	3	3	3	3	2	2	3	2	2	1	3
Total	11	15	15	15	11	11	14	10	10	5	15
Average	2.2	3	3	3	2.2	2.2	2.4	2	2	1	3

3 – Strong, 2- Medium, 1- Low

Subject Code	Course Name	Category	L	T	P	S	Credits	Hours	Marks		
									CIA	External	Total
24UCDL61	Business startup	SELF LEARNING COURSE	0	0	0	0	3	2	25	75	100
LO1	Identify customer pain points, analyze user problems, and develop suitable prototypes for innovative solutions.										
LO2	Identify, assess, and evaluate potential business opportunities in the market.										
LO3	Prepare a business plan and analyze competitors for effective market positioning.										
LO4	Plan and identify appropriate financial sources for starting and managing a business venture.										
LO5	Understand the concepts of Intellectual Property Rights (IPR), branding, and copyright protection.										
Unit	Content										Hours
1	Business startup–An Introduction- Business startup terms and definition, Introduction to pain points, identification of pain points, empathize with Customer Problems, market survey, develop prototype, gather prototype sample feedback.										6
2	Business Ideas and Opportunities- Gather sources of ideas, identify business opportunities (performance of existing industries, export and import data, availability of raw material, government policies, trade fairs, abroad trends), evaluation of business opportunities, BCG Matrix, Brainstorm worksheet.										6
3	Business Plan- Prepare business plan, perform business model canva, identify market gap and potential customers, understand target segment, evaluate target customer, value proposition canva, SWOT analysis, identify peer competitors, competitor analysis.										6
4	Financial Status and Analysis- Introduction to financial statements, financial analysis, value proposition financial feasibility, revenue stream, cost structure, MSME schemes, government Schemes and subsidy for startups, difference between angel investor and venture capitalist.										6
5	Intellectual Property Rights- Intellectual property rights in fashion business, Patents: meaning and law regarding Patent, what can be patented, conditions of patent, rights of patentees, Trademark: meaning and definition Brand: definitions, distinction between Trade mark and Brand Copy rights: meaning and concept, features of Copyright.										6

CO	Course Outcomes
CO1	To identify pain points, customer problems and develop prototype
CO2	To identify and evaluate business opportunities
CO3	To Prepare business plan and identify competitors
CO4	To plan financial sources
CO5	To understand IPR, Brand and copyright
Textbooks:	
1	Start-up: A Practical Guide to Starting and Running a New Business, Tom Harris, Springer, 07-Aug 2018
2	Business Model Canvas: A Good Tool with Bad Instructions? Rod King, 2017
	Hand book of Deep Trade Agreements Aaditya Mattoo, Nadia Rocha, Michele Ruta, 2020
Reference Books:	
1	Corbman BP, Textiles– Fibre to Fabric, International Students Edition, Mc.Graw Hillbook Co, Singapore, 1985
2	Entrepreneurship and Economic Development, 2010
3	Start Your Own Business, Sixth Edition by The Staff of Entrepreneur Media Selling Your Start up by Alejandro Cremades · 2021
Web resources:	
1	https://textilelearner.blogspot.com/2011/06/weaving-weaving-mechanism_643
2	https://textilelearner.blogspot.com/2012/07/basic-woven-fabric-structure-plain
3	http://textilefashionstudy.com/category/fabric-manufacturing-technology-2

Mapping with programme outcomes and programme specific outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	2	3	2	3	3	3	2	3	1	2	1
CO2	2	3	1	3	3	3	2	3	1	3	1
CO3	2	3	2	3	3	3	2	3	1	2	1
CO4	1	3	2	3	3	3	2	3	1	2	1
CO5	1	3	1	3	3	3	2	3	1	2	1
Total	8	15	8	15	15	15	10	15	5	11	5
Average	1.6	3	1.6	3	3	3	2	3	1	2.2	1

3 – Strong, 2- Medium, 1- Low