



**MOTHER TERESA WOMEN'S UNIVERSITY**  
**KODAIKANAL –624101**



**DEPARTMENT OF HOMESCIENCE**  
**B.Sc., COSTUME DESIGN AND FASHION**

**Curriculum Framework, Syllabus and Regulations**

**(Based on TANSICHE Syllabus under  
Choice Based Credit System - CBCS)**



**(For the candidates to be admitted from the Academic Year 2023-24)**

**Mother Teresa Women's University, Kodaikanal**  
**Department of Home Science**

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## **B.Sc. Costume Design and Fashion**

### **1. About the Programme**

The UG Programme in Costume Design and Fashion aims to empower women through imparting high level technical, creative and innovative skill in textile and fashion. The Programme courses include Language Studies, Fashion Designing, Textile Studies, Apparel Designing, Marketing, Branding and Forecasting. The Programme is skill oriented and designed to arm a student with the knowledge to join entry level managerial positions such as Fashion coordinator, Designer, Fashion Stylist, Fashion Analysts, Production Executive, Merchandiser, Pattern maker, Freelancer, Quality Control Assistant, Costume Designer and to become as Entrepreneur in the field of textile, garment and fashion Industry

### **2. Program Educational Objectives (PEOs)**

<b>Program Educational Objectives (PEOs)</b>	
The <b>B.Sc. Costume Design and Fashion</b> programme describe accomplishments that graduates are expected to attain within five to seven years after graduation	
PEO1	Proficient Entrepreneur or Designer
PEO2	Competent in industry, academic or research in the field of textile, garment and fashion technology
PEO3	Flair in Garment technology, Fashion designing, Merchandising and apparel Manufacturing
PEO4	Develop entrepreneurial, business and Management skill
PEO5	Skilled in fashion portfolio presentation, dyeing industry, basic draping and garment industry, technical textile industry.
PEO6	Possess skills of Merchandiser, Fabric inspector, Quality controller
PEO7	Develop as a costume designer, CAD designer
PEO8	Demonstrate creativity and deploy creative ideas in apparel, fashion and Textile Industry.
PEO9	Possess professional, ethical qualities and demonstrate spirit of excellence and leadership in career
PEO10	Equip Human Values, Ethics and Principles and have a concern over the society

### 3. Program Outcomes (POs)

On successful completion of the <b>B.Sc. Costume Design and Fashion</b> programme, the students are expected to	
PO1	Design, Draft and construct children, women and men' garments and develop Fashion portfolios.
PO2	Apply the terminologies and concepts of Fashion design in the irrespective field
PO3	Develop quality products for market by using appropriate merchandising and marketing strategies
PO4	Plan and execute order in a garment manufacturing unit covering all stages-fiber, yarn, Fabric and garment manufacture
PO5	Analyse the structure of the fabric and appraise fiber, yarn and fabric with basic tests
PO6	Enhance fabric designs with dyeing, printing and surface ornamentation techniques

### 4. Programme Specific Outcomes (PSOs)

After the successful completion of <b>B.Sc. Costume Design and Fashion</b> programme, the students are expected to	
PSO1	Be Professionally trained in the areas of Apparel Designing and technology and to acquire knowledge of various garments.
PSO2	Understand the basic concepts of Fashion Design, its Psychology and Traditional costumes
PSO3	Demonstrate understanding of the principles of selected fibres, Yarns, Fabrication and their Finishing techniques and methods.
PSO4	Be Equipped with Apparel Management and Business, Merchandising, quality control, and Entrepreneurial skills.
PSO5	Understand the concepts of Environmental consciousness and to impart communication skill, holistic and value-based education and lifelong learning ability.

## 5. Eligibility:

- i. The candidates should have completed 10+2 or its equivalent exam in Science/Arts stream from any recognized board.
- ii. Candidate should have secured atleast 55% in the above subject and above in the aggregate.
- iii. A relaxation of 10% in the total percentage will be given to SC, ST candidates.

## 6. General Guidelines for UG Programme:

**i. Duration:** The programme shall extend through a period of 6 consecutive semesters and the duration of a semester shall normally be 90 days or 450 hours. Examinations shall be conducted at the end of each semester for the respective subjects.

**ii. Medium of Instruction:** English

**7. Evaluation:** Evaluation of the candidates shall be through Internal Assessment and External Examination.

### 7.1 Evaluation Pattern

METHODS OF EVALUATION		Maximum Marks Theory and Practical	Minimum Marks Theory and Practical
<b>Internal Evaluation</b>	Continuous Internal Assessment Test	<b>25 Marks</b>	<b>10 Marks</b>
	Assignments / Snap Test / Quiz		
	Seminars		
	Attendance and Class Participation		
<b>External Evaluation</b>	End Semester Examination	<b>75 Marks</b>	<b>30 Marks</b>
<b>Total</b>		<b>100 Marks</b>	<b>40 Marks</b>

\* Minimum credits required to pass: 140

### 7.2. Internal Assessment-CIA

Theory Course: For theory courses there shall be three tests conducted by the faculty concerned and the average of the best two can be taken as the Continuous Internal Assessment (CIA) for a maximum of 25 marks. The duration of each test shall be one / one and a half hour.

### 7.3. Theory Question Paper Pattern (Bloom's Taxonomy based-Common for all UG Programmes)

S.No.	Part	Type	Marks
1	A	<b>10*1 Marks=10</b> Multiple Choice Questions (MCQs): 2 questions from each Unit	<b>10</b>
2	B	<b>5*4=20</b> Two questions from each Unit with Internal Choice (either / or)	<b>20</b>
3	C	<b>3*15=45</b> Open Choice: Any three questions out of 5 : one question from each unit	<b>45</b>
Total Marks			<b>75</b>

### 7.4. Methods of Assessment

METHODS OF ASSESSMENT	
<b>Recall(K1)</b>	Simple definitions, MCQ, Recall steps, Concept definitions
<b>Understand / Comprehend (K2)</b>	MCQ, True/False, Short essays, Concept explanations, Short summary or Overview
<b>Application (K3)</b>	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain
<b>Analyze(K4)</b>	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge
<b>Evaluate(K5)</b>	Longer essay/Evaluation essay, Critique or justify with pros and cons
<b>Create(K6)</b>	Check knowledge in specific or off beat situations, Discussion, Debating or Presentations

## 8. Project

### 8.1. Project Report

A student should select a topic for the Project Work at the end of the fifth semester itself and submit the Project Report at the end of the fourth semester. The Project Report shall not exceed 30 typed pages in Times New Roman font with 1.5-line space.

### 8.2. Project Evaluation

There is a Viva Voce Examination for Project Work. The Guide and an External Examiner shall evaluate and conduct the Viva Voce Examination. The Project Work carries 100 marks (Internal: 25Marks; External (Viva): 75Marks).

## 9. Conversion of Marks to Grade Points and Letter Grade

### (Performance in a Course/ Paper)

Range of Marks	Grade Points	Letter Grade	Description
90 – 100	9.0 – 10.0	O	Outstanding
80-89	8.0 – 8.9	D+	Excellent
75-79	7.5 – 7.9	D	Distinction
70-74	7.0 – 7.4	A+	Very Good
60-69	6.0 – 6.9	A	Good
50-59	5.0 – 5.9	B	Average
40-49	4.0 – 4.9	C	Satisfactorily
00-39	0.0	U	Re-appear
ABSENT	0.0	AAA	ABSENT

## 10. Attendance

Students must have earned 75% of attendance in each course for appearing for the examination. Students with 71% to 74% of attendance must apply for condonation in the Prescribed Form with prescribed fee. Students with 65% to 70% of attendance must apply for condonation in the Prescribed Form with the prescribed fee along with the Medical Certificate. Students with attendance lesser than 65% are not eligible to appear for the examination and they shall re-do the course with the prior permission of the Head of the Department, Principal and the Registrar of the University.

## 11. Maternity Leave

The student who avails maternity leave may be considered to appear for the examination with the approval of Staff i/c, Head of the Department, Controller of Examination and The Registrar.

## 12. Any Other Information:

In addition to the above regulations, any other common regulations pertaining to the UG Programmes are also applicable for this programme

## 13. Faculty Course File

<b>a.</b>	Academic Schedule	<b>q.</b>	Laboratory Experiments related to the Courses
<b>b.</b>	Students Name List	<b>r.</b>	Internal Question Paper
<b>c.</b>	Time Table	<b>s.</b>	External Question Paper
<b>d.</b>	Syllabus	<b>t.</b>	Sample Home Assignment Answer Sheets
<b>e.</b>	Lesson Plan	<b>u.</b>	Three best, three middle level and three average Answersheets
<b>f.</b>	Staff Workload	<b>v.</b>	Result Analysis (CO wise and whole class)
<b>g.</b>	Course Design(content, Course Outcomes (COs), Delivery method, mapping of COs with Programme Outcomes(POs), Assessment Pattern interms of Revised Bloom's Taxonomy).	<b>w.</b>	Question Bank for Higher studies Preparation (GATE/Placement)
<b>h.</b>	Sample CO Assessment Tools	<b>x.</b>	List of mentees and their academic achievements
<b>i.</b>	Faculty Course Assessment Report(FCAR)		
<b>j.</b>	Course Evaluation Sheet		
<b>k.</b>	Teaching Materials (PPT, OHP etc)		
<b>l.</b>	Lecture Notes		
<b>m.</b>	Home Assignment Questions		
<b>n.</b>	Tutorial Sheets		
<b>o.</b>	Remedial Class Record, if any		
<b>p.</b>	Projects related to the Course		



**14. TEMPLATES FOR SYLLABUS FRAMEWORK FOR UG PROGRAMMES**

As per TANSCHÉ – From 2023-24  
**SEMESTER – 1**

<b>Part</b>	<b>List of Courses</b>	<b>Credits</b>	<b>No. of Hours</b>
<b>Part-1</b>	Language-1 – Tamil	3	6
<b>Part-2</b>	Language-2 – English	3	6
<b>Part-3</b>	Core-1: Theory	5	5
	Core-2: Theory / Practical (Depending on the Discipline)	5	5
	Elective-1 (Departmental Elective)	3	4
<b>Part-4</b>	Skill Enhancement Course SEC - 1 (Subject Based)	2	2
	Foundation Course (Subject Based)	2	2
<b>Total</b>		<b>23</b>	<b>30</b>

**SEMESTER-II**

<b>Part</b>	<b>List of Courses</b>	<b>Credit</b>	<b>No. of Hours</b>
Part-1	Language-1 – Tamil	3	6
Part-2	Language-2 – English	3	6
Part-3	Core-3: Theory	5	5
	Core-4: Theory/Practical (Depending on the Discipline)	5	5
	Elective-2 (Departmental Elective)	3	4
Part-4	Skill Enhancement Course -SEC - 2 (Soft Skills)	2	2
	Skill Enhancement Course -SEC - 3 (Subject Based)	2	2
<b>Total</b>		<b>23</b>	<b>30</b>

**15. Syllabus in Detail**

**MOTHER TERESA WOMEN'S UNIVERSITY, KODAIKANAL**  
**Framework of the Syllabus to be implemented from the Academic Year 2023-2024**  
**Curriculum Framework and Syllabus for**

**B.SC. COSTUME DESIGN AND FASHION**

**(For the candidates to be admitted from the academic year 2023-2024 onwards)**

PART	Course Code	Title Of the Course	Cred it	Hours/Week		Maximum Marks		
				Theory	Practical	CIA	ESE	Tota l
<b>SEMESTER I</b>								
Part-1	U23TAL11	Language I-Tamil	3	6	-	25	75	100
Part-2	U23ENL22	English 2-English	3	6	-	25	75	100
Part-3	U23CDT11	Core Course I <b>Fiber toFabric</b>	5	5	-	25	75	100
	U23CDT12	Core Course II <b>Fashion Designing</b>	5	5	-	25	75	100
	U23CDE1A/ U23CDE1B/ U23CDE1C	Elective-I (Departmental Specific) A. Care And Maintenance of Textiles Garment B. Fashion Appreciation C. Non-Woven	3	4	-	25	75	100
Part-4	U23CDS11	Skill Enhancement Course SEC-I (Subject based) Fashion Sketching Practical	2	-	2	25	75	100
	U23CDF11	Foundation Course (Subject based) Surface Embellishment Practical	2	-	2	25	75	100
			<b>23</b>	<b>26</b>	<b>4</b>			
		<b>Total</b>	<b>23</b>	<b>30</b>				<b>700</b>
<b>SEMESTER - II</b>								
Part-1	U23TAL21	Language II-Tamil	3	6	-	25	75	100
Part-2	U23ENL22	English II-English	3	6	-	25	75	100
Part-3	U23CDT23	Core Course III- Basics of Garment Construction	5	5	-	25	75	100
	U23CDP22	Core Course IV- Basics of Garment Construction Practical	5	-	5	25	75	100

	U23CDE2A/ U23CDE2B/ U23CDE2C	Elective-II (Departmental Specific) A. Basics of Cosmetology B. Home Textiles C. Garment accessories and trims	3	B.4 Costume Design and Fashion	25	25	75	100
Part-4	U23CDS22	Skill Enhancement course-SEC- 2 – (Soft skills)	2	-	2	25	75	100
	U23CDS23	Skill Enhancement course -SEC-3- (Subject Based) Fiber to Fabric Practical	2	-	2		75	100
			<b>23</b>	<b>21</b>	<b>9</b>			
		<b>Total</b>	<b>23</b>	<b>30</b>			<b>700</b>	

**SEMESTER I**

Course code	U23CDT11	FIBER TO FABRIC		L	T	P	C
Core 1				5	-	-	5
Pre-requisite	Basic knowledge in textile science		Syllabus Version	2023-2024			
<b>Course Objectives:</b>							
The main objectives of this course are to:							
<ol style="list-style-type: none"> <li>1. Impart knowledge on the manufacturing process of fabric from the fiber</li> <li>2. Teach the methods and techniques involved in the fiber, yarn and fabric manufacturing process</li> <li>3. Know the trends and technologies followed in the textile industry</li> </ol>							
<b>Expected Course Outcomes:</b>							
On successful completion of the course, student will be able to:							
CO1	Classify fibers and understand the manufacturing and properties of natural fibers					K2	
CO2	Discover the manufacturing process of man-made fiber					K3	
CO3	Understand the yarn types and its manufacturing process					K2	
CO4	Describe the weaving methods and its characteristic features					K1	
CO5	Gain an understanding of knitting and non-woven					K4	
<b>K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create</b>							
<b>Unit:1</b>							
<b>Fiber Classification, Natural fibers</b>							
Introduction to Textiles Fibers -classification of fibers – primary and secondary characteristics of Textile Fibers Manufacturing process, properties and uses of natural fibers – cotton, linen, Jute, silk, wool. Brief study about organic Cotton, woolen and worsted yarn, types of silk.							
<b>Unit:2</b>							
<b>Regenerated and Synthetic Fibers</b>							
Manufacturing process, properties, and uses of man-made fibers–Viscose, rayon, nylon, polyester, and acrylic. Brief study on polymerization, bamboo, spandex, Microfibers & its properties. Texturization: Objectives, Types of textured yarns & Methods of Texturization.							
<b>Unit:3</b>							
<b>Yarn Manufacturing</b>							
Spinning–Definition and classification; Chemical and mechanical spinning; Cotton Yarn Production sequence and objectives-opening, cleaning, doubling, carding, combing, drawing, roving and spinning. Comparison of carded and combed yarn. Yarn- Definition and classification- simple and fancy yarns. Manufacturing Process of sewing threads– cotton and synthetic. Yarn numbering systems- Significance of yarn twist.							
<b>Unit:4</b>							
<b>Weaving Mechanism</b>							
Classification of fabric forming methods – Weaving preparatory processes and its objectives – Warping, Sizing and Drawing–in. Weaving mechanism-Primary, secondary and auxiliary motions a loof. Parts and functions of a simple loom; Classification of looms -Salient features of automatic looms; Shuttle looms, its advantages -Types of shuttle less looms–Rapier –Projectile–Air jet–Water jet.							

<b>Unit:5</b>		<b>Knitting and Non-Woven Fabrics</b>	
Knitting- Definition, classification. Principles of weft and warp knitting – Terms of weft knitting. Knitting machine elements. Classification of knitting machines. Characteristics of basic weft knit structures. Introduction to Non-Woven- Application and uses.			
<b>Text Books</b>			
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 A R Horrocks and S C Anand, Wood Head publishing Ltd, England, 2000.		
3	Handbook of Technical Textiles, Volume 2: Technical Textile Applications – Edited by A. Richard Horrocks and Subhash C. Anand, Wood Head publishing Ltd, England, 2016.		
<b>Reference book</b>			
1	Textile Mechanisms in Spinning and Weaving Machines, Ganapathy Nagarajan, Woodhead Publishing Indian Textiles, 2014.		
2	Mechanisms of Flat Weaving Technology, Elena V, Chepelyuk, Palitha Bandara and Valeriy V Choogin; Woodhead Publishing series in Textiles, 2013.		
3	Handbook of fiber science and Technology, Menachem Lewin and Stephen B Sello, Marcel Dekker, Inc, New York, 1984.		
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>			
1	<a href="http://textilefashionstudy.com">http://textilefashionstudy.com</a>		
2	<a href="https://fashion2apparel.blogspot.com/2017/07/classification-loom.html">https://fashion2apparel.blogspot.com/2017/07/classification-loom.html</a>		
3	<a href="https://www.india.org/about-nonwovens/">https://www.india.org/about-nonwovens/</a>		

### MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	S	S	S	M	S	S	S	S	S
CO2	M	M	S	S	S	M	S	S	S	S	S
CO3	M	M	M	S	S	M	S	S	S	S	S
CO4	M	S	S	S	S	M	S	S	S	M	M
CO5	M	M	M	S	S	M	S	S	S	M	M

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

Course code	U23CDT12	FASHION DESIGNING		L	T	P	C
Core II				5	-	-	5
Pre-requisite		Basic Knowledge in Designing		Syllabus Version			2023-2024
<b>Course Objectives:</b>							
The main objectives of this course are to:							
<ol style="list-style-type: none"> <li>1. Impart knowledge on design concepts in the field of fashion</li> <li>2. Familiarize with the fashion cycles, consumers and theories</li> <li>3. Design suitable garments for unusual figure types</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
CO1	Understand the design types, elements and principles of design						K2
CO2	Appraise the colour combinations with standard colour harmonies						K5
CO3	Interpret the fashion cycles, consumer groups and fashion theories						K2
CO4	Develop dress design for unusual figure types						K6
CO5	Define and describe the fashion terminologies and fashion profiles						K1
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>							
<b>Unit 1</b>	<b>Fashion Terminologies and Fashion Profiles</b>						
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.							
<b>Unit:2</b>	<b>Design Elements and Principles</b>						
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.							
<b>Unit:3</b>	<b>Standard Colour Harmonies</b>						
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.							
<b>Unit:4</b>	<b>Fashion Evolution and Fashion Forecasting</b>						
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							
<b>Unit:5</b>	<b>Designing Dresses for Unusual Figures</b>						
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							

<b>Text Books</b>	
1	Fashion Sketch Book–Bina A bling, Fair Child Publications, New York Wardrobe,1988.
2	Artand Fashion in Clothing Selection – Mc Jimsey and Harriet, Iowa State University Press ,Jowa,1973.
<b>Reference Books</b>	
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.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.apparesearch.com/terms/index.htm">https://www.apparesearch.com/terms/index.htm</a>
2	<a href="https://www.instyle.com/fashion">https://www.instyle.com/fashion</a>
3	<a href="https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/">https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/</a>

### MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	M	L	M	S	S	S	S	S	S
CO2	M	S	M	L	M	S	S	S	S	S	S
CO3	M	S	M	L	M	S	S	S	S	S	S
CO4	M	S	M	L	M	S	S	S	S	M	M
CO5	M	S	M	L	M	S	S	S	S	M	M

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

<b>Course code</b>	<b>U23CDS11</b>	<b>FASHION SKETCHING PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Skill Enhancement Course – 1(SEC-I)</b>			-		2	2
<b>Pre-requisite</b>	<b>Basic Drawing Skills</b>		<b>Syllabus Version</b>	<b>2023- 2024</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Impart skills in drawing and colouring</li> <li>2. Illustrate garment sketches for children, women, and men.</li> <li>3. Create sketches of different parts of a human body in different perspectives</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Illustrate garment designs for children					K4
CO2	Illustrate garment designs for women					K4
CO3	Illustrate garment designs for men					K4
CO4	Sketch the parts of the body in various perspectives					K3
CO5	Sketch different views of male and female face					K3
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>1.Illustrate the Following in Different Perspectives</b>						
Instructions–Create for male and female						
<ul style="list-style-type: none"> <li>• Eyes</li> <li>• Ears</li> <li>• Nose</li> <li>• Lips</li> <li>• Hairstyles</li> <li>• Arms</li> <li>• Legs</li> </ul>						
<b>2.Illustrate Human Figure for the Following Heads and Sketch the face of male and female in different views</b>						
<ul style="list-style-type: none"> <li>• Child - 6 head.</li> <li>• Women – 8 head, 10 head and 12 head.</li> <li>• Man – 10 head</li> <li>• Frontview</li> <li>• Three quarter turned view</li> </ul>						
<b>3.Illustrate the Following Children’s Garments</b>						



<p>Instructions – Create designs and Colour (choose colour from Prang colour chart) using any medium;</p> <ul style="list-style-type: none"> <li>• Bib</li> <li>• Jabla with knicker</li> <li>• Babasuit</li> <li>• Frocks</li> </ul>	
<b>4.Illustrate the Following Women’s Garments</b>	
<p>Instructions – Create designs using principles and elements of design; The designs can be enriched using dimensions of colour.</p> <ul style="list-style-type: none"> <li>• Skirts</li> <li>• Ladiestops</li> <li>• Salwar</li> <li>• Kameez</li> <li>• Maxi/ Gown</li> <li>• Dungarees</li> </ul>	
<b>5.Illustrate the Following Men’s Garments</b>	
<ul style="list-style-type: none"> <li>• Instructions –Create designs;The designs can be enriched using color harmonies (Monochromatic – Analogous, Complimentary, Double complementary, Split complementary, Triad, Quadratic, Neutral).</li> <li>• T-Shirts</li> <li>• Shirts</li> <li>• Pants</li> <li>• Kurta</li> <li>• Pyjama</li> </ul>	
<b>Text Books</b>	
1	Fashion Design Drawing and Presentation, Ireland Patrick John, Pavilion Books,1982.
2	Fashion Design Illustration:Children, Ireland Patrick John, BTBatsfordLtd,1995.
3	Fashion Design Illustration:fasMen, Ireland PatrickJohn, BTBatsfordLtd,1996.
<b>Reference Books</b>	
1	Fashion Illustration, Kiper Anna, David & Charles, 2011. ISBN:9780715336182.
2	Foundation in fashion design and illustration–Julian Seaman, Batsford Publishers, 2001.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.idrawfashion.com/">https://www.idrawfashion.com/</a>
2	<a href="https://www.fashionistasketch.com/drawing-faces-fashion-illustration/">https://www.fashionistasketch.com/drawing-faces-fashion-illustration/</a>
3	<a href="https://in.pinterest.com/pin/458804280762797371/">https://in.pinterest.com/pin/458804280762797371/</a>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES**

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S	M	S	S	S	S	S
CO2	S	S	S	S	S	M	S	S	S	S	S
CO3	S	S	S	S	S	M	S	S	S	S	S
CO4	S	S	S	S	S	M	S	S	S	S	S
CO5	S	S	S	S	S	M	S	S	S	M	M

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

<b>Course code</b>	<b>U23CDF11</b>	<b>SURFACE EMBELLISHMENTS PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Foundation Course (Subject based)</b>			-	-	2	2
<b>Pre-requisite</b>	<b>Knowledge in Fashion Sketching</b>		<b>Syllabus Version</b>	<b>2023-2024</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Inherit embroidery skills by hand and machine</li> <li>2. Appreciate the beauty and intricacies of the traditional embroideries of India</li> <li>3. Enhance creativity by the application of smocking</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Create hand embroidery samples				K6	
CO2	Create machine embroidered samples				K6	
CO3	Develop samples using surface enrichment				K3	
CO4	Design and develop samples for drawn thread embroidery, applique, quilting				K6	
CO5	Create added structural effects using smocking				K6	
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>1.Create Hand Embroidery Samples (10stitches and 5 samples)</b>						
<ul style="list-style-type: none"> <li>• Outline stitches</li> <li>• Filling stitches</li> <li>• Loop stitches</li> <li>• Cross stitches</li> </ul>						
<b>2.Create Embroidery Samples using Machine</b>						
<ul style="list-style-type: none"> <li>• Running stitch</li> <li>• Satin Stitch</li> <li>• Granite Stitch</li> <li>• Cording</li> <li>• Needle cording</li> </ul>						
<b>3.Create Samples for the Following</b>						
<ul style="list-style-type: none"> <li>• Beadwork</li> <li>• Sequin work</li> <li>• Ribbon embroidery</li> <li>• Mirrorwork</li> <li>• Drawn thread work</li> </ul>						
<b>4.Create Samples with Applique, Patch work and Quilt (any2types)</b>						
<ul style="list-style-type: none"> <li>• Applique</li> <li>• Simple / Geometric patch work</li> <li>• Quilting</li> </ul>						
<b>5.Create Samples with Smocking</b>						

- French Smocking (any 3 types)

- Chinese Smocking

**Text Books**

1	Shailaja Naik, Traditional Embroideries of India, APH Publishing, 1996
2	Megan Eckman, Everyday Embroidery for Modern Stitches, 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
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**Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1	<a href="https://sewguide.csom/smocking/">https://sewguide.csom/smocking/</a>
2	<a href="https://www.youtube.com/watch?v=Ug2d1NUuE4A">https://www.youtube.com/watch?v=Ug2d1NUuE4A</a>
3	<a href="https://www.youtube.com/watch?v=uJ2SyeFA_B4">https://www.youtube.com/watch?v=uJ2SyeFA_B4</a>
4	<a href="https://www.youtube.com/watch?v=nJz9c8gEvFg">https://www.youtube.com/watch?v=nJz9c8gEvFg</a>

**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES**

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	S	S	S	S	S	S
CO2	S	M	S	S	S	S	S	S	S	S	S
CO3	S	M	S	S	S	S	S	S	S	S	S
CO4	S	M	S	S	S	S	S	S	S	M	M
CO5	S	M	S	S	S	S	S	S	S	M	M

Strongly Correlating (S) - 3 Marks  
 Moderately Correlating (M) - 2 marks  
 Weakly Correlating (W) - 1 Mark  
 No Correlation (N) - 0 mark

# SEMESTER II

Course code	U23CDT23	BASICS OF GARMENT CONSTRUCTION		L	T	P	C
<b>Core III</b>				5	-	-	5
<b>Pre-requisite</b>	<b>Basic Knowledge About Garment Components</b>		<b>Syllabus Version</b>	<b>2023-2024</b>			
<b>Course Objectives:</b>							
The main objectives of this course are to:							
1. Teach the basics of the functions of the sewing machine and the essential tools							
2. Explain the techniques of pattern making, grading and alteration							
3. Understand the types of sleeves, yokes and collars							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
CO1	Describe the functions of a sewing machine and the tools needed for sewing					K2	
CO2	Compare the methods of preparing pattern					K2	
CO3	Appraise the types of sleeve					K4	
CO4	Analyze the types of collars and yokes					K4	
CO5	Appraise the techniques in pattern layout, alteration and grading					K5	
<b>K1</b> - Remember; <b>K2</b> - Understand; <b>K3</b> - Apply; <b>K4</b> - Analyze; <b>K5</b> - Evaluate; <b>K6</b> – Create							
<b>Unit:1</b>	<b>Essentials of Sewing</b>						
Parts and functions of a single needle machine, essential tools – cutting tools, measuring tools, marking tools, embroidery tools, general tools, pressing tools, Body measurement – importance, Method of taking measurements for ladies and men. Measurements required for women’s salwar and kameez. Measurements required for men’s shirt and Pant.							
<b>Unit:2</b>	<b>Pattern Making and Fitting</b>						
Pattern Making – Types; Drafting, Draping and Commercial Patterns; Advantages and Limitations. Methods of transferring pattern markings; Grain – Importance, its types; Fitting - Standards of a good fit							
<b>Unit:3</b>	<b>Sleeve and its Types</b>						
Sleeves – definition, types, set-in-sleeves – plain sleeve, puff sleeve, bishop sleeve, bell, circular. Modified armhole – squared armhole. Cap sleeve and Magyar sleeve. Sleeve and bodice combined – raglan, kimono and dolman							
<b>Unit:4</b>	<b>Types of Collars and Yokes</b>						
Collars – definitions, types, peter pan, scalloped, puritan, sailor, square, rippled, full shirt collar, open collar, Chinese, turtle neck, shawl collar Yokes – types, simple yoke, yoke with fullness within the yoke, yoke supporting/ releasing fullness.							
<b>Unit:5</b>	<b>Pattern Alteration, Layout and Grading</b>						
Pattern alteration – importance of altering patterns, general principles for pattern alteration, common pattern alteration in a blouse. Pattern layout - definition, purpose, rules in layout, types of layouts Pattern grading (manual) – definition, basic front, basic back basic sleeve							

<b>Text Books</b>	
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.
<b>Reference Books</b>	
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.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="http://epgp.inflibnet.ac.in/Home/View Subject?catid=827">http://epgp.inflibnet.ac.in/Home/View Subject?catid=827</a>
2	<a href="https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methods-apparel.html">https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methods-apparel.html</a>
3	<a href="https://textilelearner.blogspot.com/2014/10/a-focus-on-garments-fitting.html">https://textilelearner.blogspot.com/2014/10/a-focus-on-garments-fitting.html</a>
4	<a href="https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making">https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making</a>

### MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	M	S	M	M	S	S	M	S	S
CO2	S	M	M	M	M	L	S	S	M	S	S
CO3	S	S	S	M	M	M	S	S	M	S	S
CO4	S	S	S	M	M	M	S	S	M	M	M
CO5	S	M	M	S	M	L	S	S	M	M	M

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

Course code	U23CDP22	BASICS OF GARMENT CONSTRUCTION PRACTICAL		L	T	P	C
Core IV				-	-	5	5
Pre-requisite		Basic Knowledge in Garment Construction		Syllabus Version		2023-2024	
<b>Course Objectives:</b>							
The main objectives of this course are to create: <ol style="list-style-type: none"> <li>1. Impart sewing skills in creating garment components.</li> <li>2. Develop miniature patterns for skirts, sleeves, collars and yoke.</li> <li>3. Create miniature samples for skirts, sleeves, collars and yoke</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
CO1	Develop samples for seams, seam finishes and hems					K6	
CO2	Create samples for fullness and neckline finishes					K6	
CO3	Create samples for plackets fasteners and pockets					K6	
CO4	Construct miniature samples for skirt and sleeves					K6	
CO5	Construct miniature samples for collars and yoke					K6	
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>							
<b>1.Preparation Samples for the Following</b>							
<ol style="list-style-type: none"> <li>1. Seams–Plain seam, top stitched seam, flat fell seam, piped seam, lapped seam</li> <li>2. Seam Finishes–double stitch, edge stitched, over lock(optional)</li> <li>3. Hems–narrow, stitched and turned, hems for circular shape</li> <li>4. Darts –single and double</li> <li>5. Tucks–Pin tuck, cross tuck, group tucking</li> <li>6. Neckline Finishes–Bias facing, Bias binding and Shaped facing</li> <li>7. Plackets–continuous placket, bound placket and faced placket, zipper placket, tailoredplacket</li> <li>8. Fasteners–Press buttons, Hook and eye, Button and Buttonhole</li> <li>9. Pocket–Patch pocket, side seam pocket, bound and faced pocket</li> </ol>							
<b>3. Prepare Miniature Samples for the following</b>							
<ol style="list-style-type: none"> <li>1. Skirt– pleated skirt, gathered skirt, circular skirt</li> <li>2. Sleeve– Plain sleeve, Magyar Sleeve, Raglon Sleeve</li> <li>3. Collar-Flat collar (any type), Open collar</li> <li>4. Simple Yoke</li> </ol>							
<b>Text Books</b>							
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.						
<b>Reference Books</b>							
1	Sewingand Knitting–A Readers Digest, Step-by-Step Guide, Readers Digest Pvt Ltd, Australia, 1993.						



<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827">http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827</a>
2	<a href="https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methods-apparel.html">https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methods-apparel.html</a>
3	<a href="https://textilelearner.blogspot.com/2014/10/a-focus-on-garments-fitting.html">https://textilelearner.blogspot.com/2014/10/a-focus-on-garments-fitting.html</a>
4	<a href="https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making">https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making</a>

### MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	S	M	M	S	S	M	M	M
CO2	S	S	M	S	M	M	S	S	M	M	M
CO3	S	S	M	S	M	M	S	S	M	M	M
CO4	S	S	M	S	M	M	S	S	M	M	M
CO5	S	S	M	S	M	M	S	S	M	M	M

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

Course code	U23CDS23	FIBER TO FABRIC PRACTICAL		L	T	P	C
Skill Enhancement Course– 3-SEC-3				-	-	2	2
Pre-requisite		Basic Knowledge In Textile Science		Syllabus Version		2023- 2024	
<b>Course Objectives:</b>							
The main objectives of this course are to:							
<ol style="list-style-type: none"> <li>1. Identify the type of fibers.</li> <li>2. Test the yarn count and fabric count.</li> <li>3. Test the fabric for the following parameters–twist, course length, weight, shrinkage, colourfastness and absorbency</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
CO1	Distinguish the type of fiber by microscope, flame test and chemical tests					K1	
CO2	Determine the count of the yarn and fabric					K3	
CO3	Test the fabric for fabric weight and course length of the fabric					K2	
CO4	Evaluate the colorfastness and shrinkage of fabric					K5	
CO5	Experiment the absorbency of fabric					K4	
<b>K1</b> - Remember; <b>K2</b> - Understand; <b>K3</b> - Apply; <b>K4</b> - Analyze; <b>K5</b> - Evaluate; <b>K6</b> – Create							
<b>1.Identification of Textile fibers</b>							
<ul style="list-style-type: none"> <li>• Microscopic Method</li> <li>• Flame test.</li> <li>• Chemical test</li> </ul>							
<b>2.TestingofYarnandFibers</b>							
<ul style="list-style-type: none"> <li>• Yarn Count using Wrap Reel</li> <li>• Yarn Count using Besley’s Balance</li> <li>• Twist of the Yarn</li> </ul>							
<b>3.TestingofFabric</b>							
<ul style="list-style-type: none"> <li>• Fabric Weight</li> <li>• Fabric Count by Raveling Method</li> <li>• Fabric Count with Pick Glass</li> <li>• Course Length and Loop length of Knitted Fabric</li> <li>• Colour Fastness to Washing</li> <li>• Tests of Shrinkage</li> <li>• Tests of Absorbency</li> </ul>							
<b>Text Books</b>							
1	Textiles – Fibre to fabric, Corbmann B.P, International student’s edition, McGrawHill.Book company, Singapore, 1985.						
2	Textile fabrics and their Selection –Isabel Barnum Wingate, Published by Prentice -Hall, 1964.						

<b>Reference Books</b>	
1	Identification of Textile Fibers 1 <sup>st</sup> Edition by Max M.Houck, Woodhead Publishing in Textiles, Cambridge, New Delhi, 2009.
2	Textile science, Gohi, CBS Publishers and Distributors, India, 2005.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://textilelearners.com/textile-fibers-identification-process/">https://textilelearners.com/textile-fibers-identification-process/</a>
2	<a href="https://www.textilesphere.com/2020/04/identification-of-textile-fibers.html">https://www.textilesphere.com/2020/04/identification-of-textile-fibers.html</a>

## MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	M	S	S	S	M	M
CO2	S	M	S	S	S	M	S	S	S	M	M
CO3	S	M	S	S	S	M	S	S	S	M	M
CO4	S	M	S	S	S	M	S	S	S	M	M
CO5	S	M	S	S	S	M	S	S	S	M	M

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

# ELECTIVE-I

<b>Course code</b>	<b>U23CDE1A</b>	<b>CARE AND MAINTANENCE OF TEXTILES</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Elective I(A)</b>			<b>4</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>Pre-requisite</b>		<b>Basic Knowledge About Fabric and Garment Care</b>	<b>Syllabus Version</b>	<b>2023-2024</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Gain a better understanding method in taking proper care of the clothing.</li> <li>2. Impart knowledge on machines and equipment used in the washing, storing and ironing process.</li> <li>4. Impart knowledge on the types of wash care labels and their meaning</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Identify suitable methods of washing, drying, ironing and storing					K1
CO2	Understand the wash care labels and act accordingly					K2
CO3	Appraise the types of equipment used in the care of fabrics					K3
CO4	Recognize the need for dry cleaning for fabrics					K2
CO5	Evaluate the methods and equipment to be used for a better life of clothes					K5
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Water and Laundry Soaps</b>					
Water - hard and soft water, methods of softening water. Laundry soaps-composition of soap types of soap, soapless detergents, detergent manufacture, advantages of detergents, Manufacturing process of soap and detergents						
<b>Unit:2</b>	<b>Finishes and Stain Removal</b>					
Finishes–Stiffening Agents –Starch (cold water and hot water), Other stiffening agents, preparationof starch laundry blues, their application. Stain removal–common method for moving stains; food stains, lead pencil, lipstick, mildew, nosedrops, paint, perfume, perspiration/mildew, tar, turmeric and kum - kum.						
<b>Unit:3</b>	<b>Washing, Drying and Ironing</b>					
Washing–Points to be noted before washing. Machine–types semi-automatic and fully automatic; Top loading and front loading; wash cycles in a washing machine Drying equipment’s–Indoor and outdoor drying Iron box–Parts and functions of an electric iron box; types - automatic iron box and steamiron. Ironing board – different types.						
<b>Unit:4</b>	<b>Laundrying of Different Fabrics</b>					
Laundrying of different fabrics– Cotton and linen, woolens, coloured fabrics, silks, rayon and nylon. Special types of Laundry–waterproof coats, silk ties, leather goods, furs, plastics, lace.						
<b>Unit:5</b>	<b>Storing, Dry Cleaning and Care Labels</b>					
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.	
<b>Text Books</b>	
1	Wingate IB, Textiles fabrics and their Selection, Prentice - Hall Inc Publishers, 1946
2	Fundamentals of Textiles and their Care - Susheela Dantiyagi, Orient Longmann Ltd, 1980
<b>Reference Books</b>	
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
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://tide.com/en-us/how-to-wash-clothes/how-to-do-laundry/your-comprehensive-guide-on-how-to-do-laundry#Step1">https://tide.com/en-us/how-to-wash-clothes/how-to-do-laundry/your-comprehensive-guide-on-how-to-do-laundry#Step1</a>
2	<a href="https://www.coats.com/en/Information-Hub/Care-Labels#:~:text=Labels%20should%20be%20designed%20based,5)%20Wringing%20%26%206)%20Drying">https://www.coats.com/en/Information-Hub/Care-Labels#:~:text=Labels%20should%20be%20designed%20based,5)%20Wringing%20%26%206)%20Drying</a>
3	<a href="https://www.customclothinglabels.com/uses/why-are-care-labels-so-important/#:~:text=Care%20labels%20are%20essential%20when,run%20could%20ruin%20the%20fabric.">https://www.customclothinglabels.com/uses/why-are-care-labels-so-important/#:~:text=Care%20labels%20are%20essential%20when,run%20could%20ruin%20the%20fabric.</a>
4	<a href="https://www.drycleaning.com.sg/blog/5-differences-between-dry-cleaning-and-laundry.html">https://www.drycleaning.com.sg/blog/5-differences-between-dry-cleaning-and-laundry.html</a>
5	<a href="https://www.rinse.com/blog/care/what-is-dry-cleaning/">https://www.rinse.com/blog/care/what-is-dry-cleaning/</a>
6	<a href="https://fleming.ca.uky.edu/files/clothing_storage.pdf">https://fleming.ca.uky.edu/files/clothing_storage.pdf</a>
7	<a href="https://www.home-storage-solutions-101.com/clothes-storage.html">https://www.home-storage-solutions-101.com/clothes-storage.html</a>

## MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	M	M	M	M	S	S	S	S	S
CO2	M	S	M	M	M	M	S	S	S	S	S
CO3	M	S	M	M	M	M	S	S	S	S	S
CO4	M	S	M	M	M	M	S	S	S	S	S
CO5	M	S	M	M	M	M	S	S	S	S	S

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

<b>Course code</b>	<b>U23CDE1B</b>	<b>FASHION APPRECIATION</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Elective I (B)</b>			<b>4</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>Pre-requisite</b>	<b>Basic knowledge In Fashion Concept And Various Fashion Environment</b>	<b>Syllabus Version</b>	<b>2023-2024</b>			
<b>Course Objectives:</b>						
The main objectives of this course are to:						
1. To introduce various art forms to the students by classroom teaching, case studies, pictorial presentation and craft tools.						
2. To engage the students to work on types of fashion and art forms by making them to create miniature models.						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the basics of fashion concepts					K1
CO2	Understand fashion styling, role of fashion and forecasting.					K2
CO3	Apply the concepts of styling as freelancing and photo shooting.					K3
CO4	Analyze the various cultural adoption and world art.					K4
CO5	Create world art and writing based on fashion concepts					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Introduction To Fashion</b>					
Introduction to fashion–Types of Fashion: Haute Couture fashion–Ready-to-wear fashion-Mass market fashion - Fashion cycle.						
<b>Unit:2</b>	<b>Fashion Styles</b>					
Types of fashion styles: chic, bohemian, vintage, preppy, artsy, tomboy. Alternative clothing style: Punk Fashion, Gothic Fashion, hipster, steampunk, street grunge, Heavy metal fashion.						
<b>Unit:3</b>	<b>Art Forms</b>					
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, Dada						
<b>Unit:4</b>	<b>Art of Writing</b>					
Art Writing, writing for blogs, mind mapping and keyword selection, working as a creative team with free lancing stylist. Creating story, content preparation for art and styling, working on concept boards, setting trends, curating and narrating, fashion forecasting.						
<b>Unit:5</b>	<b>Photo shoot</b>					
Styling and basic grooming–model poses based on garment –final photo shoot and outcome.						
<b>Text Books</b>						

1	Louvre: all the Paintings, Anja Grebe, Black Dog & Leventhal, New York, 2020.
2	Printers of the Mughal Garden, Brigitte Singh, Bishwadeep Maitra, Mapin Publishing Pvt, Ltd, Gujarat, 2018.
3	Think Like an Artist, Will Gompertz, Penguin Publishers, London, 2016.
<b>Reference Books</b>	
1	Post Modernism– A Very Short Introduction, Christopher Butler, Oxford University Press, Uttar Pradesh, 2002.
2	Indian Art, Parthe Mitter, Oxford University Press, Uttar Pradesh, 2001.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.masterclass.com/articles/types-of-fashion-styles">https://www.masterclass.com/articles/types-of-fashion-styles</a>
2	<a href="https://www.kokuyocamlin.com/camel/techniques/art-reporter/famous-painting-styles-of-the-world">https://www.kokuyocamlin.com/camel/techniques/art-reporter/famous-painting-styles-of-the-world</a>
3	<a href="https://sewport.com/learn/fashion-photo-shoot">https://sewport.com/learn/fashion - photo shoot</a>

### MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S	S	S	S	S	S	S
CO2	S	S	S	S	S	S	S	S	S	S	S
CO3	S	S	S	S	S	S	S	S	S	S	S
CO4	S	S	S	S	S	S	S	S	S	S	S
CO5	S	S	S	S	S	S	S	S	S	S	S

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark



Course code	U23CDE1C	NON-WOVEN		L	T	P	C
Elective I (C)				4	-	-	3
Pre-requisite		Basic Knowledge About Fabric		Syllabus Version		2023-2024	
<b>Course Objectives:</b>							
The main objectives of this course are to:							
<ol style="list-style-type: none"> <li>1. Rephrase Fiber preparation process.</li> <li>2. Gain an understanding about Non-woven.</li> <li>3. Impart knowledge on bonding process.</li> <li>4. Impart knowledge on fiber preparation for non-woven production</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
CO1	Define Nonwovens fiber used in textile industry.						K1
CO2	Understand the wash care labels and act accordingly and summarize the fiber. Preparation Process of raw materials.						K2
CO3	Appraise the types of equipment used in the care of fabrics and categorize the web - bonding process.						K3
CO4	Recognize the need for dry cleaning for fabrics and Inter polymer technologies and its sequence.						K2
CO5	Evaluate the methods and equipment's to be used for a better life of clothes - Analyze the structure of non-woven fiber.						K5
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>							
<b>Unit:1</b>	<b>Fiber for Non-woven</b>						
Overview of Non wovens - Introduction and Definitions, Elements of non - woven, Fibers-geometry, Structure of fibrous webs. Basic non-woven processes and their sequences.							
<b>Unit:2</b>	<b>Fiber Preparation Processes of raw materials</b>						
Uses of natural fiber for Non-woven fabrics, Fiber Preparation Processes of raw materials -Fiber preparation mixing and Carding process, Parallel-lay process, Cross lay process, Perpendicular-lay process, Air-lay process and Wet-lay process.							
<b>Unit:3</b>	<b>Web Bonding</b>						
Web Bonding Processes Mechanical bonding processes- Needle-punch process and Hydro entanglement process. Thermal bonding processes-Principles of thermal bonding, Calendar bonding process, Through-air bonding process, Infra- red bonding process, Ultrasonic bonding process. Chemical bonding processes- Chemical binders, Methods of binder applications, Saturation bonding process, Foam bonding process, Spray bonding process, Print bonding process, Methods of drying.							
<b>Unit:4</b>	<b>Structure and Application</b>						
Web geometry, fiber orientation curl factor, web density. Identification, properties and application of different non-woven.							
<b>Unit:5</b>	<b>Evaluation of Non-Woven Fabrics</b>						
Porosity, tear strength, air permeability, tensile strength, 3-point bending test, fatigue test, CBR							

Loading, cone puncture test, abrasion test, peeling test, pilling test, study of DIN standards	
<b>Text Books</b>	
1	S.J.Russell(Ed.), Handbook of Non wovens, Wood head Publishing, CRC Press, Washington DC,2007.
2	W.Albrecht, H.FuchsandW.Kettelmann, Non- woven Fabrics:Raw Materials, Manufacture, Applications, Characteristics, Testing Process, Wiley-VCH, VerlagGmbH & Co.KGA, Weinheim, 2003.
<b>Reference Books</b>	
1	M.S.Casper,Nonwoven Textiles, Noyes DataCorp.(ParkRidge,N.J),1975
2	M.Mcdonald,Nonwoven Fabric Technology, ParkRidge,NJ:NoyesData,1971.A joint venture by IISc and IITs, funded.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://recovo.co/blog/what-is-non-woven-fabric/">https://recovo.co/blog/what-is-non-woven-fabric/</a>
2	<a href="https://www.textileschool.com/352/non-woven-fabrics/">https://www.textileschool.com/352/non-woven-fabrics/</a>
3	<a href="https://www.textiletoday.com.bd/types-non-woven-fabrics-manufacturing-processes-applications">https://www.textiletoday.com.bd/types-non-woven-fabrics-manufacturing-processes-applications</a>

## MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	S	S	S	S	S	S
CO2	S	M	S	S	S	S	S	S	S	S	S
CO3	S	M	S	S	S	S	S	S	S	S	S
CO4	S	S M	S	S	S	S	S	S	S	M	M
CO5	S	M	S	S	S	S	S	S	S	M	M

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

# ELECTIVE-II

<b>Course code</b>	<b>U23CDE2A</b>	<b>BASICS OF COSMETOLOGY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>ElectiveII (A)</b>			<b>4</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>Pre-requisite</b>		<b>Basic Knowledge About Personal Care</b>	<b>Syllabus Version</b>	<b>2023-2024</b>		
<b>Course Objectives:</b>						
<ol style="list-style-type: none"> <li>To gain knowledge about personal grooming</li> <li>To enable the student to develop knowledge in dressing, make up to the Etiquettes.</li> <li>To help them to understand and apply the procedures for different personalities</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Importance of cosmetology					K1
CO2	Understand Equipment used for pedicure, basic pedicure technique					K2
CO3	Be aware of Equipment and techniques used for Manicure					K2
CO4	Analyzes skin and hair					K3
CO5	Apply face makeup					K4
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Cosmetology – An Introduction</b>					
Cosmetology–Introduction, Definition, and its importance - difference between beautician and cosmetologist -features of a cosmetologist -Types and application- Self- grooming–definition and its importance.						
<b>Unit:2</b>	<b>Pedicure</b>					
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.						
<b>Unit:3</b>	<b>Manicure</b>					
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.						
<b>Unit:4</b>	<b>Skin and hair</b>					
Structure and function of skin, Skin types, skin tones, tips for skin care and steps in basic facial. Care for skin and hair-Basic Hairstyles: Knotted style - Rolling style - Plaited style-Basic structure of skin and hair, Products available, skin and hair care, makeup for face and hairdo styles.						
<b>Unit:5</b>	<b>Face make up</b>					
Face makeup-meaning, makeup application, Make - up types, shape and colour of Hair, hair care and hairstyles for occasion. Basic Haircuts-Straight Trimming, “U”-cut and “V”– Cut.						
<b>Text Books</b>						
1	Dr. Neena Khanna, Body and Beauty Care, Pustak Mahal Publishers (2011).					
2	Rashmi Sharma, Herbal Beauty & Body Care. Pustak Mahal Publishers (2011).					

3	RichaDave, Make-up Album, Navneet Publication (2006).
<b>Reference Books</b>	
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, Mansoorbookhouse,(2003).Trinny woodwall,Sunsannal constantive,
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.pharmacistdunia.com/2018/07/introduction-to-cosmetology.html">https://www.pharmacistdunia.com/2018/07/introduction-to-cosmetology.html</a>
2	<a href="https://ncert.nic.in/vocational/pdf/kvbk103.pdf">https://ncert.nic.in/vocational/pdf/kvbk103.pdf</a>
3	<a href="https://www.health.harvard.edu/topics/skin-and-hair">https://www.health.harvard.edu/topics/skin-and-hair</a>
4	<a href="https://www.colorescience.com/blogs/learn/how-to-apply-makeup">https://www.colorescience.com/blogs/learn/how-to-apply-makeup</a>

### MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	M	M	M	S	M	M	M	M
CO2	M	M	M	M	M	M	S	M	M	M	M
CO3	M	M	M	M	M	M	S	M	M	M	M
CO4	M	M	M	M	M	M	S	M	M	M	M
CO5	M	M	M	M	M	M	S	M	M	M	M

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

<b>Course code</b>	<b>U23CDE2B</b>	<b>HOME TEXTILES</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>ElectiveII (B)</b>			<b>4</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>Pre-requisite</b>	<b>Knowledge About Choice of Fabric for Home Textiles</b>		<b>Syllabus Version</b>	<b>2023-2024</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Impart knowledge on the various home textile products</li> <li>2. Gain in sights on the bed linens, kitchen linens, bathroom linens</li> <li>3. Acquire better understanding on the choice of fabrics for the home textile products</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Classify the home textile products					K2
CO2	Understand the types of floor and wall coverings					K2
CO3	Distinguish curtains and draperies					K4
CO4	Describe the types of soft furnishings					K1
CO5	Discover the types and functions of kitchen linen					K3
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>						
<b>Home Textiles – An Introduction</b>						
Introduction to home textiles, definition, types of home textiles, factors influencing selection of home textiles, recent trends in home textiles						
<b>Unit:2</b>						
<b>Floor and Wall Coverings</b>						
Floor and wall coverings– definition, types of floor covering –hard, soft and resilient floor coverings and uses and care and maintenance of floor coverings. Wall covering- definition, uses, care and maintenance of wall coverings.						
<b>Unit:3</b>						
<b>Door and Window Treatments</b>						
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 - rod shook,rails,racks,curtain tape pins.						
<b>Unit:4</b>						
<b>Soft Furnishings for Living and Bed Linen</b>						
Introduction to living and bedroom linens, types-sofa, sofa covers, wall hangings, cushion, cushion covers, upholsteries, bolster and bolster covers, bed sheets, covers, blankets, blanket covers, comfort and comfort covers, bedspreads, mattress and mattress covers, pillow and pillow cover, pads, uses and care.						
<b>Unit:5</b>						
<b>Soft Furnishings for Kitchen and Dining</b>						
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 - tablemat, dish/pot holders, cutlery holder, fruit baskets, hand towels-uses and care. Bathroom linens–types, uses and care						

<b>Text Books</b>	
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, MagiMcMc Cormick Gordon, Collins and Brown, London, 2002
<b>Reference Books</b>	
1	Design and make curtains, Heather Luke, NewHoll and 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,SubrataDas, Woodhead Publishing India Pvt.Limited,2010
5	Home Furnishing, V.RameshBabuand S.Sundaresan, Woodhead Publishing IndiaPvt. Limited,2018
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.homestratosphere.com/types-curtains/">https://www.homestratosphere.com/types-curtains/</a>
2	<a href="https://bettersleep.org/mattress-education/mattress-accessories/pillow-types/">https://bettersleep.org/mattress-education/mattress-accessories/pillow-types/</a>
3	<a href="https://textilecourse.blogspot.com/2018/06/types-classification-home-textiles.html">https://textilecourse.blogspot.com/2018/06/types-classification-home-textiles.html</a>
4	<a href="https://www.fibre2fashion.com/industry-article/1769/home-textiles-a-review">https://www.fibre2fashion.com/industry-article/1769/home-textiles-a-review</a>
5	<a href="http://www.india-crafts.com/textile/home-textile.html">http://www.india-crafts.com/textile/home-textile.html</a>

## MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	S	S	S	S	S	S
CO2	S	M	S	S	S	S	S	S	S	S	S
CO3	S	M	S	S	S	S	S	S	S	S	S
CO4	S	M	S	S	S	S	S	S	S	M	M
CO5	S	M	S	S	S	S	S	S	S	M	M

Strongly Correlating (S) -3 Marks

Moderately Correlating (M) - 2 marks

Weakly Correlating (W) - 1 Mark

No Correlation (N) - 0 mark

<b>Course code</b>	<b>U23CDE2C</b>	<b>GARMENT ACCESSORIES AND TRIMS</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Elective II (C)</b>			<b>4</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>Pre-requisite</b>		<b>Knowledge About The Types Of Accessories And Trims Used In Garment</b>	<b>Syllabus Version</b>	<b>2023-2024</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>Educate about various types of trims and accessories used in apparels</li> <li>Teach about the quality requirements</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Distinguish the types of accessories used in garment					K2
CO2	Differentiate the types of fibers used in making sewing and embroidery threads					K3
CO3	Assess the various types of closures used in apparels					K3
CO4	Learn about the various types of trims used					K3
CO5	List out the quality requirements for polybag and carton box					K2
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Garment Accessories</b>					
Introduction to garment accessories - Selecting -Types of garment accessories: Basic accessories - Decorative accessories - Finishing accessories –Accessories for children's wear - Design development for different accessories - Safety issues for different accessories in children's garment-small parts: choking hazards - Decorative trims and Embellishments.						
<b>Unit:2</b>	<b>Sewing and Embroidery Threads</b>					
Sewing threads–Textile fibers used for making sewing threads–Thread Construction–Ticket Number –Quality parameters applicable to sewing threads and testing –Thread Packages-Embroiderythreads–Quality requirements–Fibers used for embroidery threads - Quality evaluation of embroidery threads						
<b>Unit:3</b>	<b>Closures</b>					
Zippers–Component parts -Types–Application techniques -Quality parameters and testing-Buttons–types – Quality requirements & testing procedures –Elastic – Application techniques – Types – Quality requirements and testing procedures. Drawstrings–Method of application -Quality parameters –Velcro Method of application techniques–Quality parameters–Snap fastness–Types–Method of application. Quality parameters-Hooks–types–Methods of application –Quality Norms						
<b>Unit:4</b>	<b>Supporting and Decorative Trims</b>					
Lining: Importance - Method of application – Quality requirements – Interlining: Importance - Types -Method of application–Quality requirements - Fusing foam: importance–Types–Method of application – Quality requirements – Label and its types – Method application on garment – Quality requirements –Lace – Importance and its types – Quality parameters – Method of application – Applique: Importance –Types of materials–Applique cutting techniques–Application methods–Quality requirements. Sequins: Introduction about various sequins and their types–Application techniques–Quality requirements.						



<b>Unit:5</b>		<b>Packing Accessories</b>	Sc Costume Design and Fashion, MTWU, 2023 onwards
Tags and its types–Quality requirements– Poly bags and its types - Quality norms pertaining to poly bags–Hangers and its types–Cartons and its types–Testing required for apparel export Cartons– Factors to be considered for export cartons-Wrappers and Tissues–Pouches for Inner wear–Latest innovation in packing accessories.			
<b>Text Books</b>			
1	Fashion Apparel Accessories and Home Furnishings, Diamond Professor Emeritus, Jay; Diamond Adjunct Faculty, Ellen., PrenticeHall,2006		
2	Know Your Fashion Accessories, Celia Stall-Meadows, Tana Stuffle bean, Fairchild Books&Visuals, 2003		
<b>Reference Books</b>			
1	Carr and Latham’s Technology of Clothing Manufacture, Edited by DavidJ.Tyler,2009		
2	Apparel Manufacturing Handbook,Analysis,Principles and Practice,Jacob Solinger, BobbinMedia Corporation, 1988		
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>			
1	<a href="https://ordnur.com/textile/list-of-trimmings-and-accessories-use-in-garments/">https://ordnur.com/textile/list-of-trimmings-and-accessories-use-in-garments/</a>		
2	<a href="https://www.onlineclothingstudy.com/2018/10/the-fusing-technology-fusing-parameters.html">https://www.onlineclothingstudy.com/2018/10/the-fusing-technology-fusing-parameters.html</a>		
3	<a href="https://apparelresources.com/fashion-news/trends/trims-and-accessories-from-being-functional-to-giving-an-innovative-edge-to-garments/">https://apparelresources.com/fashion-news/trends/trims-and-accessories-from-being-functional-to-giving-an-innovative-edge-to-garments/</a>		
4	<a href="https://medium.com/@stitchdiary/importance-of-decorative-trims-in-the-garment-industry-3b306e4b59ef">https://medium.com/@stitchdiary/importance-of-decorative-trims-in-the-garment-industry-3b306e4b59ef</a>		

### MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

CO/ PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	M	M	M	S	S	S	S	S
CO2	S	M	S	M	M	M	S	S	S	S	S
CO3	S	M	S	M	M	M	S	S	S	S	S
CO4	S	M	S	M	M	M	S	S	S	M	M
CO5	S	M	S	M	M	M	S	S	S	M	M

Strongly Correlating (S) -3 Marks  
Moderately Correlating (M) - 2 marks  
Weakly Correlating (W) - 1 Mark  
No Correlation (N) - 0