

# M. Sc. Costume Design and Fashion

## Syllabus

### AFFILIATED COLLEGES

Program Code: 36A

2021 – 2022 onwards



## BHARATHIAR UNIVERSITY

(A State University, Accredited with “A” Grade by NAAC,  
Ranked 13<sup>th</sup> among Indian Universities by MHRD-NIRF,  
World Ranking: Times -801-1000, Shanghai -901-1000, URAP - 982)

Coimbatore - 641 046, Tamil Nadu, India

**M. Sc. Costume Design and Fashion 2021-22 onwards - Affiliated Colleges –  
Annexure No.39(a)(1), SCAA DATED: 23.06.2021**

<b>Program Educational Objectives (PEOs)</b>	
The <b>M. Sc. Costume Design and Fashion</b> program describe accomplishments that graduates are expected to attain within five to seven years after graduation	
PEO1	Students can get Employment opportunity directly related to Fashion designer, Retail buyer manager, Retail Stylist, Textile designer, Visual merchandiser.
PEO2	After the completion of the course student may work as a freelancer designer.
PEO3	Models pose for artists, photographers, and other clients to help advertise a variety of products,
PEO4	To introduce the students for advance knowledge in the field of designing.
PEO5	To help students develop the skills needed in conducting a research in their specialization.
PEO7	To equip the students with fashion skills in the field of selection and techniques in the costume field.
PEO8	To enable the students to acquire knowledge about how to design garment and develop different styles
PEO9	Equipped with Entrepreneurial skill to start their own venture

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<b>Program Specific Outcomes (PSOs)</b>	
After the successful completion of MSc Costume Design and Fashion program, the students are expected to	
PSO1	Develop an in-depth understanding of the Designing profession, process through course work
PSO2	Demonstrate an advanced knowledge of skills in all areas including sketching, draping, printing.
PSO3	Become proficient in a specific concentration
PSO4	To expose students to the impact of ever changing trends in designing field
PSO5	Adapt their artistic abilities to support their future design careers.
PSO6	Develop a systematic, critical approach to problem solving at all levels of the design process.
PSO7	Articulate design ideas verbally, visually, and digitally.



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<b>Program Outcomes (POs)</b>	
On successful completion of the M. Sc. Costume Design and Fashion program, the student will be able to:	
PO1	Create or select fabrics/ garment / home textiles /ornaments/ accessories collection with a better understanding on elements and principles of design, color harmonies, fashion cycle, fashion forecasting
PO2	Design sketches, draft patterns, and construct garments/ home textiles / ornaments / accessories manually or using computers
PO3	Communicate their ideas on garment/ home textiles /ornaments/ accessories collections effectively through fashion sketches, portfolio presentation to the buyers and the consumers done manually or in CAD
PO4	Understand the structure and properties of fabrics and develop garments/ home textiles /ornaments/ accessories according to the requirement
PO5	Develop new fabric designs with weaves, knits, dyes, prints, finishes, embroidery, smocking and other embellishments
PO6	Establish and maintain production standards, quality control, costing and finance of the apparel and textile industry as merchandising / quality controller / entrepreneur.
PO7	Relate to policies, strategies and methods in apparel and textile manufacturing for the product development, marketing, sales and other activities
PO8	Understand and assess societal, environmental, health. safety, legal and cultural issues prevailing in the field of textiles and fashion
PO9	Identify research problems, obtain relevant data, interpret, and report findings
P10	Design and create ornaments and Accessories and decide on the make up and hairstyle to suit the garment meant for the ramp or photoshoot

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**BHARATHIAR UNIVERSITY: COIMBATORE 641 046**

**M. Sc Costume Design and Fashion Curriculum**

*(For the students admitted during the academic year 2021 – 22 onwards)*

Course Code	Title of the Course	Credits	Hours			Maximum Marks		
			Theory	Practical	Exam	CIA	CEE	Total
	FIRST SEMESTER							
13A	Core Paper I - Technical Textiles	4	4	-	3	50	50	100
13B	Core Paper II - Costumes of the World	4	4	-	3	50	50	100
13P	Core Practical I - Fashion Illustration	4	-	6	3	50	50	100
13Q	Core Practical II - Draping for Fashion Design	4	-	6	4	50	50	100
13R	Core Practical III - Ornaments and Accessories	4	-	6	3	50	50	100
1EA	Fashion Business and Communication	4	4	-	3	50	50	100
1EB	Protective Clothing							
1EC	Apparel Entrepreneurship							
Total		24	12	18	-	300	300	600
	SECOND SEMESTER							
23A	Core Paper III - Research Methodology and Statistics	4	5	-	3	50	50	100
23B	Core Paper IV - Export Trade and Documentation	4	4	-	3	50	50	100
23P	Core Practical IV - Design Art and Painting	4	-	5	3	50	50	100
23Q	Core Practical V - CAD in Fashion Designing	4	-	6	3	50	50	100
23R	Core Practical VI - Advanced Garment Construction	4	-	6	4	50	50	100
2EA	Brand Management	4	4	-	3	50	50	100
2EB	Functional Apparels and Clothing							
2EC	Supply Chain Management							
Total		24	13	17	-	300	300	600



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<b>THIRD SEMESTER</b>								
33A	Core Paper V - Apparel Quality Standards	4	4	-	3	50	50	100
33B	Core Paper VI - Textile Testing	4	4	-	3	50	50	100
33P	Core Practical VII - Textile Testing Practical	4	-	4	3	50	50	100
33Q	Core Practical VIII - CAD in Pattern Making	4	-	6	3	50	50	100
33R	Core Practical IX - Design with Prints	4	-	6	4	50	50	100
3EA	Apparel Production and Planning	4	4	-	3	50	50	100
3EB	Intimate Apparels							
3EC	Clothing Science							
	Project Work / Thesis*	-	-	2	-	-	-	-
	<b>Total</b>	<b>24</b>	<b>12</b>	<b>18</b>		<b>300</b>	<b>300</b>	<b>600</b>
<b>FOURTH SEMESTER</b>								
43A	Core Paper VII - Indian Textile Industry	4	4	-	3	50	50	100
43P	Core Practical X - Design Collection	4	-	4	3	50	50	100
4EP	Beauty Care	4	-	6	3	50	50	100
4EQ	Fashion Photography							
4ER	Home Furnishing							
47V	Project Viva Voce	6	-	16	-	60	90	150
	<b>Total</b>	<b>18</b>	<b>4</b>	<b>26</b>		<b>210</b>	<b>240</b>	<b>450</b>
	<b>Grand Total</b>	<b>90</b>						<b>2250</b>
<b>ONLINE COURSES**</b>								
	SWAYAM / MOOC / NPTEL COURSES	2						50
	Non-scholastic with Credits							
	Value Added Courses / Job Oriented Courses**							

**CIA** – Continuous Internal Assessment

**CEE** – Comprehensive External Examination

Mark Division for Internship and Project

Paper title	Total Marks	CIA	CEE	
			Evaluation	Viva-voce
Project / Thesis	150	60	60	30

**\*Project Work:**

In the 3<sup>rd</sup> Semester - Topic to be finalized and experimental study should be completed

In the 4<sup>th</sup> Semester – Evaluation (testing), Statistical analysis and Report Writing

**Guide - 2 hours per week**

Number of Pages for the Book is 80 to 100

Minimum number of book reference is 30 and Journal reference is 20.

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**ONLINE COURSES\*\***

Students may opt for the above courses and gain additional credits upon the completion of course in the respective colleges and submission of certificates to the Bharathiar University  
**Additional Credits will be included in the Mark sheets**

**ELECTIVE PAPERS with effect from 2020-2021**

(Colleges can choose any one of the Group papers as electives)

	SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV
<b>GROUP A</b>	Fashion Business and Communication	Brand Management	Apparel production and planning	Beauty Care
<b>GROUP B</b>	Protective Clothing	Functional Apparels and Clothing	Intimate Apparels	Fashion Photography
<b>GROUP C</b>	Apparel Entrepreneurship	Supply Chain Management	Clothing Science	Home Furnishing

**VALUE ADDED COURSES**

Title of the Course	Credits	Instructional Hours		Internal Marks		
		Theory	Practical/Field Work	A1	A2	Total
Patch Work Techniques	2	6	24	25	25	50
Resist Printing	2	4	26	25	25	50
Fashion Jewelry	2	10	20	25	25	50
Fashion Journalism	2	10	20	25	25	50

**JOB ORIENTED COURSES**

Title of the Course	Credits	Instructional Hours		Internal Marks		
		Theory	Practical/Field Work	A1	A2	Total
Visual Merchandiser	4	20	40	50	50	100
Export Merchandising	4	25	35	50	50	100
Advanced Tech Pack Designing	4	20	40	50	50	100

**A1 – Assessment 1**

**A2 - Assessment 2**

Students may opt for the above Job Oriented and Value added courses and gain additional credits upon the completion of course in the respective colleges and submission of certificates to the Bharathiar University.



# First Semester



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Course code	13A	TECHNICAL TEXTILES	L	T	P	C
Core			4	-	-	4
Pre-requisite		Basic knowledge in Textile Science	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to:						
1. Acquire knowledge in technical textile.						
2. Develop an understanding of fiber in technical textile.						
3. Become familiar with various usage of technical textile.						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Understand the characteristics of technical textiles its types					K2
2	Discover the properties of Technical textiles and its types					K3
3	Interpret the area of applications of types of technical textiles					K3
4	Recognize the underlying concepts					K1
5	Apply the concepts in creation of garments					K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Unit 1						
Classification of Technical Textiles						
12 hours						
Introduction, definition and scope of technical textiles, developments in fibers-natural fibres, polyamide, polyester, viscose rayon, polyolefin, high performance fibers and glass and ceramics, classification and application of technical textiles.						
Unit 2						
Mobile Tech and Sport Tech						
12 hours						
Mobile Tech – definition and areas of application (road vehicles, aircraft, marine), visible components - upholstery, seat belt, airbags and carpets; concealed components - tyre cords, hoses, belts, air bags, air and fuel filters, noise and vibration dampening and body panel reinforcement. Sport Tech – definition and scope, properties of sports tech textiles, areas of application, moisture management. special fibers used.						
Unit 3						
Agro Tech and Pack Tech						
12 hours						
Agro Tech – definition and scope, general property requirement of Agro textiles, fibers used for Agro textiles, areas of application. Pack Tech – definition and scope, types of products - polyolefin woven sacks, FIBC, leno bags, wrapping fabric, Jute sacks, teabags, soft luggage products.						
Unit 4						
Geo Tech and Medi Tech						
12 hours						
Geo Tech – definition and scope, Fibers used and its properties, Areas of application Med Tech-fibres used-commodity and specialty fibers: non implantable materials-wound care and bandages, extracorporeal devices: implantable materials-sutures, soft tissue implants, orthopedic implants, cardiovascular implants and healthcare and hygiene products.						

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<b>Unit 5</b>		<b>Smart Textiles</b>	<b>10 hours</b>
Smart textiles-components, classification-active smart, passive smart and very smart textiles and Intelligent textiles-phase change materials, shape memory polymers, chromic and conductive materials, and its applications. Clothing for extreme climatic conditions - wearable technology for snow clothing, high altitude clothing. Electromagnetic radiation protective clothing. Textiles-for survival-short term survival and long-term survival.			
<b>Unit 6</b>		<b>Contemporary Issues</b>	<b>2 hours</b>
Expert lectures, online seminars - webinars			
		<b>Total Lecture hours</b>	<b>60 hours</b>
<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 Books</b>			
1	Technical Textile Yarns, Industrial and Medical Applications, Edited by R Alagirusamy and A Das, Wood Head publishing Ltd, 2010		
2	High Performance Technical Textiles, Edited by Roshan Paul, John Wiley and Sons, 2019		
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>			
1	<a href="https://www.textilemates.com">https://www.textilemates.com</a>		
2	<a href="https://www.technical-textiles.net">https://www.technical-textiles.net</a>		
3	<a href="http://ficci.in/spdocument/20811/1-Technotex-2016-Knowledge-Paper.pdf">http://ficci.in/spdocument/20811/1-Technotex-2016-Knowledge-Paper.pdf</a>		
4	file:///C:/Users/rshee/OneDrive/Documents/BOS%20-CDF/M%20Sc%20Syllabus/Technical%20Textiles/9781119325017_High_Performance_Technical_Textiles_2f69.pdf		
5	file:///C:/Users/rshee/Downloads/14_chapter%202.pdf		
<b>Course Designed By:</b> Dr R Sheela John and Dr S Jayapriya			

<b>Mapping with Programme Outcomes</b>										
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	M	S	S	S	M	M	L	M	M	L
<b>CO2</b>	S	S	S	S	M	M	M	M	M	L
<b>CO3</b>	M	S	S	S	S	S	S	S	M	L
<b>CO4</b>	S	S	S	S	M	M	S	M	L	L
<b>CO5</b>	S	S	S	S	M	M	M	M	L	L

\*S-Strong; M-Medium; L-Low

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Course code	13B	COSTUMES OF THE WORLD	L	T	P	C
Core			4	-	-	4
Pre-requisite		Familiar with garment styles and accessories	Syllabus Version		2020-2021	
<b>Course Objectives:</b>						
The main objectives of this course are to: 1. Study the costumes of the world. 2. Trace the development of costumes through the ages. 3. Familiarize with the styles and special features in costume from ancient world till 20th century.						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Outline to the styles worn during the ancient till the 19 <sup>th</sup> century.					K4
2	Identify the costumes to its nationality.					K1
3	Appreciate the diverse cultures and the nuances.					K5
4	Explain the costumes of various costumes across the globe					K2
5	Apply the knowledge in the collections they design in the future					K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
<b>Unit 1</b>						
		<b>Costumes of American Countries</b>	<b>12 hours</b>			
American Countries -Inuit and Aleut, American Indians of the southwest, Plains and northwest, Amish costumes, Guatemala, Mexico, Colombia, Peru and Bolivia, Chile and Brazil.						
<b>Unit 2</b>						
		<b>Costumes of European Countries</b>	<b>12 hours</b>			
European Countries –Russia, Italy, Norway, Sweden, Denmark, Scotland, Germany, Spain, Belgium, Hungary, Poland and Ukraine.						
<b>Unit 3</b>						
		<b>Costumes of Middle and Far Eastern Countries</b>	<b>12 hours</b>			
Middle and Far Eastern Countries - Turkey and Iran, Costumes of Arab Peninsula, China, Japan, Korea, Sri Lanka, Pakistan, Nepal, Vietnam, Myanmar, Thailand and Philippines.						
<b>Unit 4</b>						
		<b>Costumes of African Countries</b>	<b>12 hours</b>			
African Countries—Egypt, Nigeria, Lybia, Ethiopia, Kenya, Uganda, Tanzania, Botswana, Zimbabwe, Nigeria and Cameroon.						
<b>Unit 5</b>						
		<b>English French and American Costumes</b>	<b>10 hours</b>			
Costume of ancient -Egypt, Greece, Rome. African Tribal Costumes. English costumes: English Costume during 15th-17th centuries. French costumes: French Costumes during renaissance 16th -18th centuries. American costumes: American costumes from 18th to 20th centuries.						
<b>Unit 6</b>						
		<b>Contemporary Issues</b>	<b>2 hours</b>			
Expert lectures, online seminars - webinars						
			<b>Total Lecture hours</b>		<b>60 hours</b>	

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<b>Text Books</b>	
1	Historic Costume, Chas A, 'Bernard and Co, Illinois, 1961
2	Costume through the Ages, Laver, James Simon and Schuster, New York, 1968
3	A History of Fashion and Costume - Paige Weber, Bailey Publishing Associates Ltd, 2005
<b>Reference Books</b>	
1	A History of Fashion and Costume, Volume I, The Ancient World – Jane Bingham, Bailey Publishing Associates Ltd (2005)
2	Costumes of Indian and Pakistan, Das S N, D B Taraporevala Sons & Co, Bombay, 1958
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://study.com/academy/lesson/traditional-clothing-around-the-world.html">https://study.com/academy/lesson/traditional-clothing-around-the-world.html</a>
2	<a href="https://www.european-girls.com/category/european-traditional-clothes">https://www.european-girls.com/category/european-traditional-clothes</a>
3	<a href="https://en.wikipedia.org/wiki/Folk_costume">https://en.wikipedia.org/wiki/Folk_costume</a>
<b>Course Designed By: Mrs Catharine Francis and Dr S Jayapriya</b>	

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	M	S	M	L	L	L	L	L	S	M
<b>CO2</b>	L	S	S	M	L	L	L	S	M	M
<b>CO3</b>	M	S	S	M	M	L	L	M	L	M
<b>CO4</b>	L	L	S	S	M	L	L	L	M	M
<b>CO5</b>	S	S	S	S	S	M	M	S	S	M

\*S-Strong; M-Medium; L-Low



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Course code	13P	FASHION ILLUSTRATION	L	T	P	C
Core - Practical			-	-	4	4
Pre-requisite		Basic skills in fashion drawing and rendering	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to: 1. Illustrate sketches for costumes across the globe. 2. Improve their drawing skills by redrawing the garment designs from the photograph. 3. Design garment collection for fashion show, summer and winter collection.						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Apply the knowledge of world costumes in sketching					K3
2	Illustrate costumes from countries across the world					K4
3	Illustrate ancient costumes of Egypt, Greece and Rome					K4
4	Redraw garment designs from the photograph					K6
5	Discover the details of the costumes					K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Prepare Illustrations for the Following Costumes (any 4 designs for men and Women)						40 hours
<ul style="list-style-type: none"><li>• Costumes of America</li><li>• Costumes of Europe</li><li>• Costumes of Africa</li><li>• Costumes of Middle and Far Eastern countries</li><li>• Costumes of Asia</li><li>• Costumes of Egypt</li><li>• Costumes of Greece</li><li>• Costumes of Rome</li></ul>						
Prepare Illustration for the Following Costumes of India - Female and Male						30 hours
<ul style="list-style-type: none"><li>• Tamilnadu</li><li>• Karnataka</li><li>• Kerala</li><li>• Andhra Pradesh</li><li>• Uttar Pradesh</li><li>• West Bengal</li><li>• Rajasthan</li><li>• Jammu and Kashmir</li><li>• Gujarat</li></ul>						
Redraw the garment designs from Photographs along with the background (2 each)						18 hours
<ul style="list-style-type: none"><li>• Men Garments</li><li>• Women Garments</li><li>• Children Garments</li></ul>						



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Unit 6		Contemporary Issues		2 hours	
Expert lectures, online seminars - webinars					
				Total Lecture hours	
				90 hours	
Text Books					
1		Fashion Sketchbook, Fourth Edition – Bina Abling, Fairchild Publications, 2000			
2		Fashion Design Illustration Women – Patrick John Ireland, Om Books International, 2005			
Reference Books					
1		Professional Fashion Illustration – Julian Seaman, B T Batsford, London, 1995			
2		Ilustration Fashion – Katherine McKelvey and Janine Munslow, Blackwell Science Ltd, 1997			
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]					
1		<a href="https://www.arts.ac.uk/study-at-ual/short-courses/stories/how-to-make-fashion-drawing-and-illustration-templates">https://www.arts.ac.uk/study-at-ual/short-courses/stories/how-to-make-fashion-drawing-and-illustration-templates</a>			
2		<a href="https://www.youtube.com/watch?v=_uUNMHFSsBk">https://www.youtube.com/watch?v=_uUNMHFSsBk</a>			
3		<a href="https://www.youtube.com/watch?v=WBIm7TikyLI">https://www.youtube.com/watch?v=WBIm7TikyLI</a>			
Course Designed By: Dr R Sheela John and Mrs Kokilavani					

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	S	S	S	S	S	L	M	M	L	M
<b>CO2</b>	S	S	S	S	M	M	M	M	L	M
<b>CO3</b>	S	S	S	S	M	M	M	M	M	M
<b>CO4</b>	M	S	S	L	L	L	L	L	L	M
<b>CO5</b>	S	S	S	S	S	S	M	M	M	M

\*S-Strong; M-Medium; L-Low

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Course code	13Q	DRAPING FOR FASHION DESIGN	L	T	P	C
Core- Practical			-	-	4	4
Pre-requisite		Basic knowledge and skill in draping technique	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to:						
1. Impart knowledge on preparing patterns through draping technique.						
2. Practice the skills of pattern making with different garment styles.						
3. Design garment collection for fashion show, summer and winter collection.						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Develop patterns using draping method					K6
2	Apply draping technique to create various garment components					K3
3	Create draped patterns for children and women garments					K6
4	Select suitable fabrics for draping					K6
5	Appraise and use the draping pattern making method to create innovative styles					K5
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Draft Patterns for the Following Components of Garment						
28 hours						
<ul style="list-style-type: none"><li>• Basic Bodice – Front and Back, Basic Skirt</li><li>• Variations in Pleats, Dart, Tucks and Gathers (two types in each)</li><li>• Neckline variations (any 2)</li><li>• Armhole variations (any 2)</li><li>• Waistline variations. (any 2)</li><li>• Skirt - Flared skirt, Gore skirt, Pleated skirt, Hip yoke skirt, and the princess waist. (any 2)</li><li>• Collars - Mandarin Collar, Band Collar, Convertible collar and Peterpan collar, (any 2)</li><li>• Yokes -Hip yoke, Shirt Yoke, and Midriff Yoke. (any 2)</li></ul>						
Draft and Construct the Following Garment for a Girl Child						
30 hours						
<ul style="list-style-type: none"><li>• Yoke frock</li><li>• Middi and top</li><li>• Create style of your own</li></ul>						
Draft and Construct the Following for a Female						
30 hours						
<ul style="list-style-type: none"><li>• Full gown</li><li>• Salwar kameez</li><li>• Long skirt and tops</li><li>• Create style of your own</li></ul>						
Unit 6		Contemporary Issues			2 hours	
Expert lectures, online seminars - webinars						
Total Lecture hours					90 hours	

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<b>Text Books</b>	
1	Draping for Fashion Design, Hilde Jaffe, Nurie Relis, Pearson Prentice Hall, 2012
2	Dress Design - Draping and Flat Pattern, Marion S. Hillhouse, Evelyn A. Mansfield, Hill House 1948
3	The Theory of Fashion Design, Brockman, Magritha, John Wiley Sons, New York, 2011
<b>Reference Books</b>	
1	Design through Draping, Sheldon, Marhta, Burgess Publishing Company, 1967
2	Modern Pattern Design: The Complete Guide to the Creation of Patterns as a Means of Designing Smart Wearing Apparel, Pepin and Harriet, Published by Funk & Wagnalls company, 1942
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="http://www.studiofaro.com/well-suited/my-drape-pattern-making-method">http://www.studiofaro.com/well-suited/my-drape-pattern-making-method</a>
2	<a href="https://www.universityoffashion.com/disciplines/draping/">https://www.universityoffashion.com/disciplines/draping/</a>
3	<a href="https://www.threadsmagazine.com/2013/11/04/video-how-to-drape-a-skirt">https://www.threadsmagazine.com/2013/11/04/video-how-to-drape-a-skirt</a>
<b>Course Designed By: Dr R Sheela John and Mrs Kokilavani</b>	

<b>Mapping with Programme Outcomes</b>										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	S	S	M	M	L	M	L	M	L	L
CO2	S	S	S	S	S	M	L	M	L	L
CO3	S	S	S	S	L	M	S	M	M	L
CO4	S	L	L	S	S	M	M	M	L	L
CO5	L	S	L	M	M	M	L	M	L	L

\*S-Strong; M-Medium; L-Low

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Course code	13R	ORNAMENTS AND ACCESSORIES	L	T	P	C
Core- Practical			-	-	4	4
Pre-requisite		Familiar with types of ornaments and accessories	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to:						
1. To create and develop ornaments and accessories.						
2. To design ornaments and accessories for various occasion.						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Develop new accessories with fabrics					K6
2	Understand new techniques of creating ornaments.					K2
3	Discover new ideas of creating ornaments and accessories.					K3
4	Create a complete set of ornaments for bridal and other special dress					K6
5	Organize items need for creating accessories and ornaments efficiently					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Create the Following Accessories with Fabric. (2 each)						30 hours
<ul style="list-style-type: none"><li>• Handbag / cellphone pouch</li><li>• Slipper or shoe</li><li>• Belt</li><li>• File/ Diaries / Office notebooks</li><li>• Mask and Gloves</li></ul>						
Create the following ornaments. (3 each)						30 hours
<ul style="list-style-type: none"><li>• Ornaments for Hair</li><li>• Ornaments for Ear</li><li>• Ornaments for Neck</li><li>• Ornaments for Hand</li><li>• Ornaments for Hip</li><li>• Ornaments for Finger</li><li>• Ornaments for legs</li></ul>						
Create set of ornaments to suit a dress.						28 hours
<ul style="list-style-type: none"><li>• Set of Bridal ornaments</li><li>• Set of ornaments for any special garments (like fashion show, dance costume etc)</li></ul>						
Record Notebook – Fix photographs of the items created and explain the details of materials used and the method of construction						
Contemporary Issues						2 hours
Expert lectures, online seminars – webinars						
Total Lecture hours						90 hours



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<b>Text Books</b>	
1	Jewellery Making, A Complete Course for Beginners, Jinks McGrath, Apple Press, 2007
2	The Workbench Guide to Jewellery Techniques, Anastasia Young, Thames and Hudson, 2010
<b>Reference Book</b>	
1	The Bag Making Bible: The Complete Creative Guide to Sewing Your Own Bags - Lisa Lam, Amy Butler, Published by David & Charles, 2010
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.youtube.com/watch?v=pdwJZZSUjfs">https://www.youtube.com/watch?v=pdwJZZSUjfs</a>
2	<a href="https://www.youtube.com/watch?v=4jNCJm3j0ec">https://www.youtube.com/watch?v=4jNCJm3j0ec</a>
3	<a href="https://www.youtube.com/watch?v=RehISbeKeMo">https://www.youtube.com/watch?v=RehISbeKeMo</a>
4	<a href="https://www.youtube.com/watch?v=bpjpvxos200">https://www.youtube.com/watch?v=bpjpvxos200</a>
5	<a href="https://www.youtube.com/watch?v=7OTfnxojulM">https://www.youtube.com/watch?v=7OTfnxojulM</a>
<b>Course Designed By: Dr R Sheela John and Mrs Kokilavani</b>	

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	S	S	S	S	M	L	L	M	M	S
<b>CO2</b>	S	S	S	S	M	M	L	M	L	S
<b>CO3</b>	S	S	S	S	M	M	L	M	L	S
<b>CO4</b>	S	S	S	S	S	S	S	S	M	S
<b>CO5</b>	M	L	L	L	M	M	L	S	M	S

\*S-Strong; M-Medium; L-Low



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Course code	1EA	FASHION BUSINESS AND COMMUNICATION	L	T	P	C
Elective			4	-	-	4
Pre-requisite		Knowledge on structure and functioning of fashion industry	Syllabus Version		2020-2021	
<b>Course Objectives:</b>						
The main objectives of this course are to: 1. Gain a clear understanding of merchandise and merchandising system 2. Enhance business through effective communication 3. Work towards sustainable fashion						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Understand the merchandise management and its functions					K2
2	Plan efficient merchandising systems					K5
3	Apply the concept of sustainable fashion in business					K3
4	Analyze effective ways of communicating to the stakeholders					K4
5	Appraise the business policies and strategies					K4
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Unit 1</b>						
		<b>Merchandise Management</b>	<b>12 hours</b>			
Merchandise Management: Introduction to developing and Implementing Merchandise Plans, Financial Management, Operations Management and Supply chain management. Behavioral Theory of the fashion Industry Types of Merchandising – Export House – manufacturer Exporter-Merchant exporter – Buying House – Buying Agency –Types of Buying agency. Functions of merchandiser in an Export house, buying house and buying agency						
<b>Unit 2</b>						
		<b>Merchandising System</b>	<b>12 hours</b>			
Merchandising System: Planning – developmental presentation – merchandise Planning fundamental-overview of line process – traditional line planning – forecast based merchandise planning. Merchandising perspective on pricing and profits. Merchandising budget – components of merchandising budget. Merchandiser's role – Pre buying activity, in-house production and post production. Mission of Shopping – Meeting Shoppers Mission – Big Shopping – Small Shopping, Store and Multi Brand Store.						
<b>Unit 3</b>						
		<b>Sustainable Fashion</b>	<b>12 hours</b>			
Sustainable Fashion – Definition and importance. Terminologies related to sustainable fashion – Sustainable clothing, Eco design, Eco label, Eco Fashion, Green washing, Zero waste design, Green consumer, Eco fashion designer. Sustainable textiles – definition and importance, Corporate Social Responsibility in the textile and clothing sector, Environmental Management Systems						
<b>Unit 4</b>						
		<b>Fashion and Communication Process</b>	<b>12 hours</b>			
Fashion and Communication Process – AIDA model. Need for communication						

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Business letters – Need, functions and types. Parts of a letter. Email correspondence – components of email, Import-export correspondence – export correspondence letter, import of machineries letter, Letter of Credit, order confirmation.		
<b>Unit 5</b>	<b>Visual Communication</b>	<b>10 hours</b>
Visual Communication: Fashion photography, window display and multimedia Role of Magazine in Fashion Industry, Magazine Content and Styling, Script, Editing, Proof Reading, Photoshoot. Fashion Magazine Analysis and Report. Designing of own fashion magazines/ Designing of own fashion brochures by the students/designing a look book/designing a line planning.		
<b>Unit 6</b>	<b>Contemporary Issues</b>	<b>2 hours</b>
Expert lectures, online seminars – webinars		
	<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Books</b>		
1	How to Produce Successful Advertising, Farbey, A.D, Kogan Page India Pvt. Ltd.	
2	Advertising, Jethwaney J.N, Phoenix Publishing House Pvt. Ltd, 1999.	
3	Strategies for Technical Communication, Roundy, N. and Mair, D, Little Brown and Company, Boston, Toronto, 1985.	
<b>Reference Books</b>		
1	Merchandising of Fashion Products, Doris H Kincade, 2011.	
2	Fashion Marketing, third edition, Mike Easey, Wiley Blackwell Publishing, 2009.	
3	Fashion, From Concept to Consumer, Gini Stephens Frings, Prentice Hall Publications, 1994.	
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>		
1	<a href="https://owl.purdue.edu/owl/subject_specific_writing/professional_technical_writing/basic_business_letters/index.html">https://owl.purdue.edu/owl/subject_specific_writing/professional_technical_writing/basic_business_letters/index.html</a>	
2	<a href="https://previiew.com/home/journal/the-possible-importance-of-fashion-photography.html#:~:text=Without%20question%2C%20photography%20plays%20a,publis hing%2C%20rather%20than%20fashion%20itself.">https://previiew.com/home/journal/the-possible-importance-of-fashion-photography.html#:~:text=Without%20question%2C%20photography%20plays%20a,publis hing%2C%20rather%20than%20fashion%20itself.</a>	
3	<a href="https://www.fibre2fashion.com/industry-article/6134/role-of-media#:~:text=Fashion%20magazines%20like%20Femina%20have,different%20brands%20and%20fashion%20trends.&amp;text=It%20has%20helped%20in%20creating,expected%20to%20be%20worth%20Rs.">https://www.fibre2fashion.com/industry-article/6134/role-of-media#:~:text=Fashion%20magazines%20like%20Femina%20have,different%20brands%20and%20fashion%20trends.&amp;text=It%20has%20helped%20in%20creating,expected%20to%20be%20worth%20Rs.</a>	
<b>Course Designed By: Dr R Sheela John and Mrs K Catharine Francis</b>		

<b>Mapping with Programme Outcomes</b>										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	M	S	S	M	M	M	M	M	L	M
CO2	M	M	M	M	L	S	S	S	M	M
CO3	S	S	S	M	S	S	S	S	S	L
CO4	M	M	S	L	L	S	S	S	S	L
CO5	S	S	S	S	S	S	S	S	S	L

\*S-Strong; M-Medium; L-Low

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Course code	1EB	PROTECTIVE CLOTHING	L	T	P	C
Elective			4	-	-	4
Pre-requisite		Knowledge on types of fibers, yarns and fabric.	Syllabus Version	2020-2021		
<b>Course Objectives:</b>						
The main objectives of this course are to: 1. Select suitable fibers, yarns, fabrics and finishes for protective clothing 2. Understand the dynamics of protective clothing 3. Gain knowledge on the methods of evaluating the protective garments						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Understand the meaning and uses of protective clothing					K2
2	Appraise suitable fibers, yarns, fabrics and finishes for protective clothing					K4
3	Understand the methods of creating suitable fabrics for protective clothing					K2
4	Plan protective clothing to suit the needs of the wearer					K2
5	Develop protective clothing					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit 1</b>						
<b>Fibers, Yarns and Fabrics for Protective Garments</b>		<b>12 hours</b>				
Fibers, yarns and fabrics for protective garments-Selection of fibers -suitability and properties of high performance fibers for various protective clothing, chemical composition and physical structure, characteristics and working of various fibers according to different end uses like thermal protection, ballistic protection, anti-microbial protection, Protection against cold. Yarn and fabric (knitted, woven and Non-woven) parameters, their methods of production, effect of structure on their performance; use of composite materials in yarn and fabric formation used for protective end uses.						
<b>Unit 2</b>						
<b>Chemical Finishes for Protective Garments</b>		<b>12 hours</b>				
Chemical finishes for protective garments-Use of coated fabrics – different types of finishes like fire retardant finishes, for different textile materials, water repellent finishes, anti-microbial finishes; chemical finishes against radiation and chemicals – method of application of those finishes; machines and techniques used for such applications; protective finishes for health care garments.						
<b>Unit 3</b>						
<b>Protective Garments in Other Applications</b>		<b>12 hours</b>				
Protective garments in other applications- Protective fabrics used in the medical field and in hygiene; military combat clothing; protective fabrics against biological and chemical warfare; textiles for high visibility.						
<b>Unit 4</b>						
<b>Garment Construction</b>		<b>12 hours</b>				
Garment construction - method of construction of garments according to various protective end uses like protection against cold, heat, chemical, ballistic protection etc.; use of different fabric Type - knitted, woven, and Non-woven; coated / laminated in protective applications different places; use of inter lining and composites.						



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<b>Unit 5</b>	<b>Evaluation of Protective Fabrics</b>	<b>10 hours</b>
Evaluation of protective fabrics - desirable properties of protective textiles, method of testing for thermal protective performance, water, cold, abrasion and wear resistance; evaluation of resistance in to mildew, ageing, sunlight, chemical, electrostatic and electrical resistivity, impact properties; ASTM standards for protective garments.		
<b>Unit 6</b>	<b>Contemporary Issues</b>	<b>2 hours</b>
Expert lectures, online seminars – webinars		
	<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Books</b>		
1	Wellington Sears Handbook of Industrial textiles, Adanur S, Technomic Publishing Co Inc,1995.	
2	Protective Clothing, Pushpa Bajaj and Sengupta A.K, The Textile Institute, 1992.	
<b>Reference Book</b>		
1	Handbook of Technical Textiles, Horrocks A.R. and Anand S.C, Woodhead Publishing Limited, Cambridge, UK, 2000.	
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>		
1	<a href="https://www.encyclopedia.com/fashion/encyclopedias-almanacs-transcripts-and-maps/protective-clothing">https://www.encyclopedia.com/fashion/encyclopedias-almanacs-transcripts-and-maps/protective-clothing</a>	
2	<a href="https://study.com/academy/lesson/types-of-personal-protective-equipment.html">https://study.com/academy/lesson/types-of-personal-protective-equipment.html</a>	
<b>Course Designed By:</b> Dr R Sheela John and Mrs K Catharine Francis		

<b>Mapping with Programme Outcomes</b>										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	S	S	S	S	S	S	S	S	S	L
CO2	S	S	S	S	S	M	M	M	M	L
CO3	S	S	S	S	S	L	L	L	S	L
CO4	S	M	M	S	M	M	M	M	M	L
CO5	S	S	S	S	S	S	S	S	S	L

\*S-Strong; M-Medium; L-Low

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Course code	1EC	APPAREL ENTREPRENEURSHIP	L	T	P	C
Elective			4	-	-	4
Pre-requisite	Familiar with various sectors of garment industry		Syllabus Version	2020-2021		
<b>Course Objectives:</b>						
The main objectives of this course are to: 1. Provide knowledge on entrepreneurs, types and their functions 2. Gain insights on the business enterprise 3. Gain knowledge on financing and government policies that aid entrepreneurship						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Understand the quality, types and the significant role of an entrepreneur					K2
2	Analyze the market potential for the startup of a small business enterprise					K4
3	Plan to avail government support through various schemes for finance					K4
4	Gain confidence and motivation to be an entrepreneur					K6
5	Solve problems, if any and frame suitable strategies to overcome it					K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
<b>Unit 1</b>						
Types of Entrepreneurs 12 hours						
Entrepreneur – Types of Entrepreneurs – Difference between Entrepreneur and Intrapreneur – Entrepreneurship in Economic Growth, Factors Affecting Entrepreneurial Growth.						
<b>Unit 2</b>						
Entrepreneurship Development Programs 12 hours						
Motivation-Major Motives Influencing an Entrepreneur – Achievement Motivation Training, self rating, Business Game, Thematic Apperception Test – Stress management, Entrepreneurship Development Programs – Need, Objectives.						
<b>Unit 3</b>						
Small Enterprises and Market Research 12 hours						
Small Enterprises – Definition, Classification – Characteristics, Ownership Structures – Project Formulation – Steps involved in setting up a Business – identifying, selecting a Good Business opportunity, Market Survey and Research, Techno Economic Feasibility Assessment – Preparation of Preliminary Project Reports – Project Appraisal – Sources of Information – Classification of Needs and Agencies.						
<b>Unit 4</b>						
Financing and Accounting 12 hours						
Financing and accounting- Need – Sources of Finance, Term Loans, Capital Structure, Financial Institution, management of working Capital, Costing, Break Even Analysis, Network Analysis Techniques of PERT/CPM –Taxation – Income Tax, Excise Duty – Sales Tax.						
<b>Unit 5</b>						
Support to Entrepreneurs 10 hours						
Support to entrepreneurs -Sickness in small Business – Concept, Magnitude, causes and consequences, Corrective Measures – Government Policy for Small Scale Enterprises – Growth Strategies in small industry– Expansion, Diversification, Joint Venture, Merger and Sub Contracting.						



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<b>Unit 6</b>		<b>Contemporary Issues</b>	<b>2 hours</b>
Expert lectures, online seminars - webinars			
		<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Books</b>			
1	Entrepreneurial Development, S.S.Khanka, S.Chand & Co. Ltd. Ram Nagar New Delhi, 1999.		
2	Enterprenuership – Theory, process and practices, 6th edition, Kuratko & Hodgetts, Thomson learning, 2003		
<b>Reference Books</b>			
1	Entrepreneurship, 5th Edition, Hisrich R D and Peters M P, Tata McGraw-Hill, 2002.		
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>			
1	<a href="https://businessjargons.com/types-of-entrepreneurs.html">https://businessjargons.com/types-of-entrepreneurs.html</a>		
2	<a href="https://www.businessmanagementideas.com/entrepreneurship-2/entrepreneurship-development-programme/21011">https://www.businessmanagementideas.com/entrepreneurship-2/entrepreneurship-development-programme/21011</a>		
3	<a href="https://startuptalky.com/list-of-government-initiatives-for-startups/#:~:text=NewGen%20Innovation%20and%20Entrepreneurship%20Development,a nd%20Technology%2C%20Government%20of%20India.">https://startuptalky.com/list-of-government-initiatives-for-startups/#:~:text=NewGen%20Innovation%20and%20Entrepreneurship%20Development,a nd%20Technology%2C%20Government%20of%20India.</a>		
<b>Course Designed By:</b> Dr R Sheela John and Mrs K Catharine Francis			

<b>Mapping with Programme Outcomes</b>										
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	L	L	S	S	S	S	S	S	L	M
<b>CO2</b>	S	S	S	S	S	S	S	S	S	L
<b>CO3</b>	M	M	M	L	L	L	L	L	L	L
<b>CO4</b>	S	S	S	S	S	S	S	S	S	M
<b>CO5</b>	M	M	M	M	M	S	S	S	S	L

\*S-Strong; M-Medium; L-Low



# Second Semester

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Course code	23A	RESEARCH METHODOLOGY AND STATISTICS	L	T	P	C
Core			4	-	-	4
Pre-requisite		Basic knowledge in science and mathematics	Syllabus Version		2020- 2021	
Course Objectives:						
The main objectives of this course are to:						
1. Impart knowledge on the methods and techniques of research.						
2. Describe the statistical methods in research.						
3. Develop a research plan of their own.						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Understand the significance of research process					K3
2	Discover a research problem					K1
3	Prepare a research design and sample design					K6
4	Develop an appropriate method of data collection					K6
5	Test the hypothesis using suitable statistical method					K5
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Unit 1						
Research Methodology – An Introduction					13 hours	
Meaning and Objectives of Research - Types of Research - Significance of Research - Research Process, Criteria of a good research.						
Research Problem – Definition, selecting a problem and technique involved in a research problem.						
Unit 2						
Research Design and Sampling Design					15 hours	
Research Design - Meaning, Features of a good design, Important concepts related to research design, Different research designs, Basic principles of experimental designs. Important experimental designs. Developing a Research Plan.						
Sampling Design -Population and sample Steps in sampling design, criteria for selecting a sampling procedure, characteristics of a good sample design, different types of sample designs						
Unit 3						
Scaling Techniques and Data Collection					15 hours	
Measurement and Scaling Techniques: measurement scales, tests of sound measurement, meaning of scaling, developing a likert scale						
Methods of Data collection: Collection of primary data - observation, interview, Collection of data through questionnaire and schedule. Collection of secondary data						
Unit 4						
Data Processing and Report Writing					15 hours	
Data processing and analysis: Processing operations-editing, coding, classification, and tabulation						
Interpretation and Report writing – Meaning of interpretation, techniques, and precautions in						

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interpretation; significance of report writing, steps in writing report, layout of research report, mechanics of research report		
Unit 5	Statistics in Research	15 hours
Statistics in research - measures of central tendency, dispersion, asymmetry and relationship Co-relation Tests of Hypothesis – Meaning of hypothesis, Basic concepts concerning testing of hypothesis, procedure for hypothesis testing, tests of hypothesis – important parametric tests and non-parametric tests		
Unit 6	Contemporary Issues	2 hours
Expert lectures, online seminars – webinars		
	Total Lecture hours	75 hours
Text Books		
1	Research Methodology, Methods and Techniques - C R Kothari, New Age International, Delhi, 2012	
2	Introduction to Research in Education - Ary, Hort Reinhart, 1982	
3	An Introduction to Statistical Methods - S P Gupta, Vikas Publishing House, New Delhi, 2004	
Reference Books		
1	Research in Education - Best J N, Prentice Hall, Delhi, 1979	
2	Practical Statistics for the Textile Industry: Part I, G A V Leaf C Text FTI, Published by The Textile Institute, 1984	
3	Introduction to Probability and Statistics, Milton J S. and Arnold J C, Tata Mc Graw Hill, New Delhi, 4th Edition, 3rd Reprint, 2008	
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]		
1	<a href="https://shodhganga.inflibnet.ac.in/handle/10603/7465">https://shodhganga.inflibnet.ac.in/handle/10603/7465</a>	
2	<a href="https://shodhganga.inflibnet.ac.in/handle/10603/6679?offset=20">https://shodhganga.inflibnet.ac.in/handle/10603/6679?offset=20</a>	
3	<a href="http://ijrm.humanjournals.com/wp-content/uploads/2019/02/8.Vivek-Puri.pdf">http://ijrm.humanjournals.com/wp-content/uploads/2019/02/8.Vivek-Puri.pdf</a>	
4	<a href="https://www.researchgate.net/publication/334519601_Modern_Trends_in_Research_Metho_dology">https://www.researchgate.net/publication/334519601_Modern_Trends_in_Research_Metho_dology</a>	
Course Designed By: Dr R Sheela John and Dr S Jayapriya		

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	M	L	L	M	M	L	M	M	M	L
<b>CO2</b>	M	M	L	M	S	S	M	S	S	L
<b>CO3</b>	L	L	L	S	S	M	M	S	S	L
<b>CO4</b>	M	L	S	S	S	S	M	L	S	L
<b>CO5</b>	L	L	L	L	L	M	M	S	S	L

\*S-Strong; M-Medium; L-Low



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Course code	23B	EXPORT TRADE AND DOCUMENTATION	L	T	P	C
Core			4	-	-	4
Pre-requisite		Aware of the functions of garment export unit	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to: 1. To acquire knowledge in international trade. 2. To develop an understanding of export procedure. 3. To become familiar with various documents in international trade.						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Understand the significance of International trade and the documents needed for trade					K2
2	Interpret of the payment methods, its advantages, and implications					K3
3	Analyse export financing and insurance					K4
4	Recall the theories related to international trade					K1
5	Relate to the national and international associations that supports international trade					K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Unit 1 International Trade 12 hours						
International trade: International trade of apparels globally and India – Advantages and challenges; WTO agreement on textiles and clothing. Export process process; Quality and Pre shipment Inspections Export Documentation - commercial documents and regulatory documents						
Unit 2 Export Promotional Activities of AEPC 10 hours						
Methods of Payments – Cash in advance; Letter of Credit – and its types; Open account. INCO Terms – purpose and scope; ‘E’ term - EXW; ‘F’ term – FAC, FOS, FOB; ‘C’ term – CFR, CIF, CPT, CIP; ‘D’ term – DAF, DEQ, DES, DDU, DDP						
Unit 3 Export Financing and Insurance 12 hours						
Export Financing: Pre-Shipment Finance, Post Shipment finance. Role of EXIM bank in financing Risk and Insurance policies under ECGC – standard policy, turnover policy, small exporters policy, special schemes, Exchange rate fluctuation risks Customs and international trade; Customs clearance – for export cargo;						
Unit 4 Export Finance and Export Policies of the Government. 12 hours						
India’s Foreign Trade policy – highlights of policy 2015-2020 Theories of International trade - Adam Smith’s Theory, David Ricardo’s Theory, Haberler’s Theory, Heckscher-Ohlin Theory						
Unit 5 Recent Developments in Foreign Trade 12 hours						
Indian Associations that support exports - Clothing Manufacturers Association of India; Garment Exporters and Manufacturers Association, Apparel Export Promotion Council						



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Trade Associations that support international trade - World Trade Organization (WTO); International Organization for Standardization (ISO); United Nations Conference on Trade and Development (UNCTAD); International Trade Centre; World Customs Organization (WCO); World Fair Trade Organization		
Unit 6	Contemporary Issues	2 hours
Expert lectures, online seminars - webinars		
	Total Lecture Hours	60 hours
Text Books		
1	International Trade and Export Management, Francis Cherunilam, Himalaya Publishing house New Delhi, 2008	
2	Foreign Trade, Jeevanandam.C, Sultan Chand & Sons, New Delhi, 2005	
Reference Books		
1	Export Import Procedures - Documentation And Logistics, C.Rama Gopal, New Age International (P) Limited, 2006	
2	World Trade Report 2016, Authored by World Tourism Organization and Published by World Trade Organization, 2016	
3	Garment - Export Industry of India, Prashant P. Deshpande, APH Publishing Corporation, 2009	
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]		
1	<a href="https://clothingindustry.blogspot.com/2019/06/export-documentation-exporting-garment.html">https://clothingindustry.blogspot.com/2019/06/export-documentation-exporting-garment.html</a>	
2	<a href="https://commerce.gov.in/writereaddata/publications/wto-aug.pdf">https://commerce.gov.in/writereaddata/publications/wto-aug.pdf</a>	
3	<a href="http://www.eximguru.com/exim/indian-customs/customs-manual/procedure-for-clearance-of-imported-and-export-goods.aspx">http://www.eximguru.com/exim/indian-customs/customs-manual/procedure-for-clearance-of-imported-and-export-goods.aspx</a>	
4	<a href="https://www.gema.co.in/profile">https://www.gema.co.in/profile</a>	
Course Designed By: Dr R Sheela John and Dr S Jayapriya		

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	L	L	M	L	L	M	S	S	L	L
<b>CO2</b>	L	L	M	L	L	S	S	S	M	L
<b>CO3</b>	L	L	M	L	L	M	S	S	M	L
<b>CO4</b>	L	L	L	L	L	M	S	S	M	L
<b>CO5</b>	L	L	L	L	L	M	S	S	L	L

\*S-Strong; M-Medium; L-Low

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Course code	23P	DESIGN ART AND PAINTING	L	T	P	C
Core - Practical			-	-	4	4
Pre-requisite		Knowledge on drawing and painting techniques	Syllabus Version		2020-2021	
<b>Course Objectives:</b>						
The main objectives of this course are to: 1. Teach the characteristics of selected World art. 2. Teach the nuances of Indian Painting 3. Guide the students to recreate it in the garment styles						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Develop World art forms in paper					K6
2	Redraw the Indian paintings					K5
3	Understand the nuances of art forms and paintings					K3
4	Analyse the design details					K4
5	Recreate the art and painting designs in garment styles					K6
<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>Sketch the following World Art forms and design the same in a garment</b> (part of the design or full, with or without modification)			<b>35 hours</b>			
(with pencils, pens, acrylics, oil paints, watercolors, inks or any other medium) <ul style="list-style-type: none"><li>• Baroque</li><li>• Impressionism</li><li>• Cubism</li><li>• Surrealism</li><li>• Futurism</li><li>• Rococo</li></ul>						
<b>Draw sketches of the Indian Paintings and Design the same in a garment.</b> (Part of the design or full, with or without modification)			<b>38 hours</b>			
(with pencils, pens, acrylics, oil paints, watercolors, inks or any other medium) <ul style="list-style-type: none"><li>• Rajput painting</li><li>• Mysore painting</li><li>• Tanjore painting</li><li>• Kalamkari painting</li><li>• Warli painting</li><li>• Gond painting</li><li>• Mural painting</li></ul>						
<b>Contemporary Issues</b>			<b>2 hours</b>			
Expert lectures, online seminars - webinars						
<b>Total Lecture hours</b>			<b>75 hours</b>			

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<b>Text Books</b>	
1	South Indian Paintings, C. Sivaramamurti, Publisher: National Museum, 1968.
2	The Royal Art of Tanjore Paintings, Smita Shirole Yadav and Padma Raghavan, Published by English Edition, 2010.
3	Art book- "Gond Art" a Mindful Colouring Book Paperback – Trupti Kumbhare, Deepali Patwadkar, 2018.
<b>Reference Books</b>	
1	Indian Painting: The Great Mural Tradition Hardcover, Mira Seth, Publisher: Harry N. Abrams, 2006
2	Warli Painting: Step-by-step Instruction and Designs, Amrita Gupta, Create Space Independent Publishing Platform, 2016
3	Kalamkari and Traditional Design Heritage of India, Shakuntala Ramani, Publisher: Wisdom Tree, 2007
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.art.com/shop/art-styles/?RFID=855405&amp;RD=true">https://www.art.com/shop/art-styles/?RFID=855405&amp;RD=true</a>
2	<a href="https://en.wikipedia.org/wiki/Impressionism#:~:text=Impressionism%20is%20a%2019th%2Dcentury,of%20movement%20as%20a%20crucial">https://en.wikipedia.org/wiki/Impressionism#:~:text=Impressionism%20is%20a%2019th%2Dcentury,of%20movement%20as%20a%20crucial</a>
3	<a href="https://medium.com/popuppainting/the-10-traits-of-impressionism-2a2c045795c7">https://medium.com/popuppainting/the-10-traits-of-impressionism-2a2c045795c7</a>
4	<a href="https://magazine.artland.com/art-movement-futurism/#:~:text=What%20are%20the%20characteristics%20of,%2C%20energy%2C%20vitality%20and%20change.">https://magazine.artland.com/art-movement-futurism/#:~:text=What%20are%20the%20characteristics%20of,%2C%20energy%2C%20vitality%20and%20change.</a>
5	<a href="https://en.wikipedia.org/wiki/Rococo">https://en.wikipedia.org/wiki/Rococo</a>
6	<a href="https://magazine.artland.com/art-movement-futurism/#:~:text=What%20are%20the%20characteristics%20of,%2C%20energy%2C%20vitality%20and%20change.">https://magazine.artland.com/art-movement-futurism/#:~:text=What%20are%20the%20characteristics%20of,%2C%20energy%2C%20vitality%20and%20change.</a>
<b>Course Designed By: Dr R Sheela John and Dr K Sangeetha</b>	

<b>Mapping with Programme Outcomes</b>										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	L	S	S	S	S	M	L	L	L	L
CO2	M	S	S	M	M	M	M	L	L	L
CO3	S	S	S	M	M	M	M	M	M	L
CO4	M	S	S	S	S	M	M	M	L	L
CO5	S	S	S	S	S	M	M	M	S	L

\*S-Strong; M-Medium; L-Low



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Course code	23Q	CAD IN FASHION DESIGNING	L	T	P	C
Core - Practical			-	-	4	4
Pre-requisite		Possess knowledge and skill in creating fashion sketches in computer	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to:						
1. Teach the characteristics of selected World art.						
2. Teach the nuances of Indian Painting						
3. Guide the students to recreate it in the garment styles						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Creating designs in computers					K6
2	Illustrate garment designs faster					K4
3	Apply the fabric textures in garment sketches using computers					K3
4	Create unique collections for various themes and inspirations					K6
5	Create professional designs for business					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Create the Following using Computers (4 designs each)						88 hours
<ul style="list-style-type: none"><li>• Design a collection with an inspiration for Screen print</li><li>• Design a collection with an inspiration for Batik</li><li>• Design a collection with an inspiration for Tie and dye</li><li>• Design a collection with an inspiration for Block print</li><li>• Design a collection with an inspiration for Checked/striped fabric</li><li>• Design a collection for (bride/ bridegroom/ bride's maid/ flower girl/ family)</li><li>• Design a collection for casual wear for Men / Women / Child</li><li>• Design a collection for party wear for Men / Women / Child</li><li>• Design a winter collection for Men / Women / Child</li><li>• Design a summer collection for Men / Women / Child</li><li>• Design a creative unique collection of your own</li></ul>						
Contemporary Issues						2 hours
Expert lectures, online seminars - webinars						
Total Lecture hours						90 hours
Text Books						
1	CorelDRAW X5. Clothing Design and Practical Tutorial (with CD-ROM 1) - Weng Xiao Chuan , Published by Science Press, 2011.					
2	Fashion Designer's Handbook for Adobe Illustrator – Marianne Centner, Frances Vereker , Wiley Publishers, 2007.					
3	Adobe Illustrator for Fashion Design (Myfashionkit) - Susan Lazee, Pearson Publishers, 2011.					
4	Fashion and Textile Design with Photoshop and Illustrator - Professional Creative Practice, Robert Hume, Publisher: Bloomsbury Academic, 2020.					

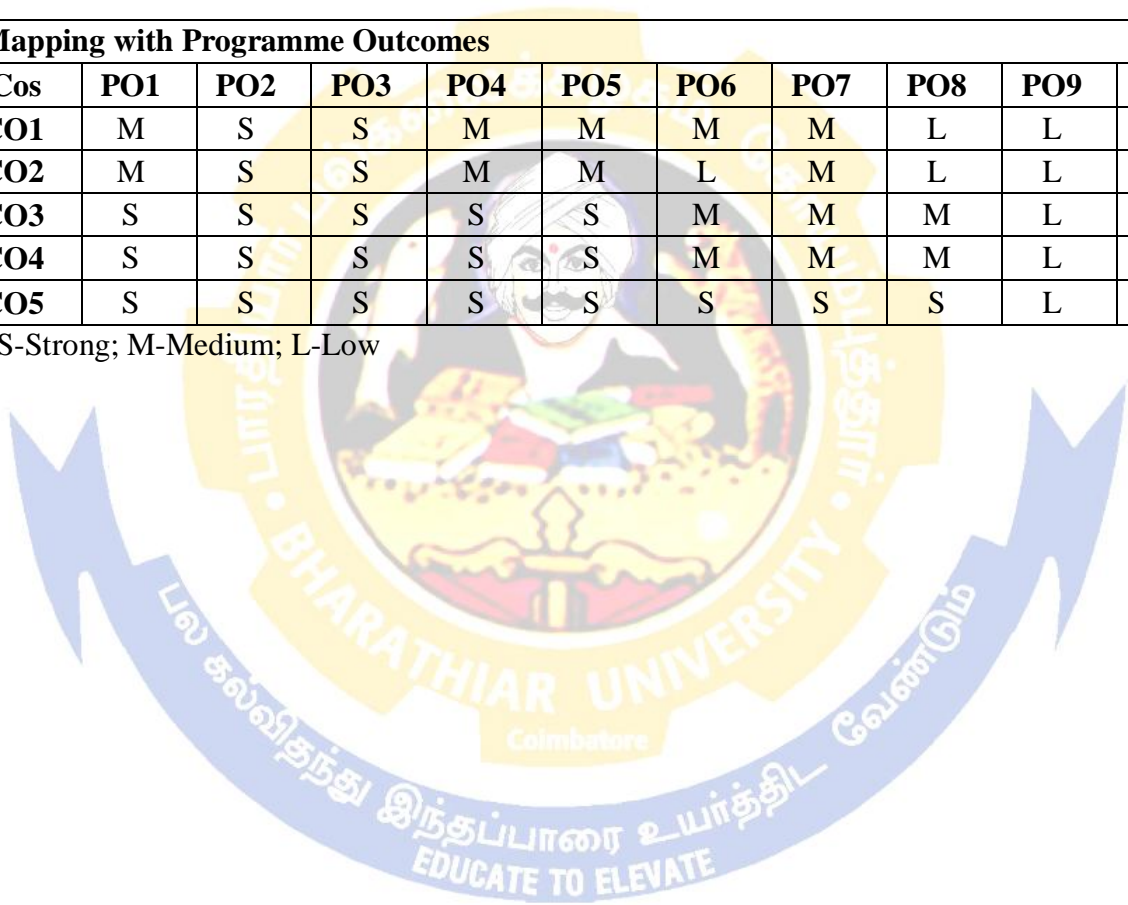


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<b>Reference Books</b>	
1	CorelDRAW, Photoshop fashion design (with CD-ROM 1) - Yu Hai Ping, 1991.
2	Fashion Design-- CorelDRAW Fashion Style Design Case (1CD) - Yu Rui Shi Jue, Posts and Telecom Press, 2011.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.whowhatwear.com/best-fashion-design-software">https://www.whowhatwear.com/best-fashion-design-software</a>
2	<a href="https://www.coreldraw.com/en/pages/items/17700700.html">https://www.coreldraw.com/en/pages/items/17700700.html</a>
3	<a href="https://www.youtube.com/watch?v=LMZPbT1msR0">https://www.youtube.com/watch?v=LMZPbT1msR0</a>
4	<a href="https://www.youtube.com/watch?v=w_NR1eaBmY0">https://www.youtube.com/watch?v=w_NR1eaBmY0</a>
<b>Course Designed By: Dr R Sheela John and Dr K Sangeetha</b>	

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	M	S	S	M	M	M	M	L	L	S
<b>CO2</b>	M	S	S	M	M	L	M	L	L	S
<b>CO3</b>	S	S	S	S	S	M	M	M	L	L
<b>CO4</b>	S	S	S	S	S	M	M	M	L	S
<b>CO5</b>	S	S	S	S	S	S	S	S	L	S

\*S-Strong; M-Medium; L-Low



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Course code	23R	ADVANCED GARMENT CONSTRUCTION	L	T	P	C
Core - Practical			-	-	4	4
Pre-requisite		Knowledge and skill in pattern making and tailoring techniques	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to:						
1. Develop an understanding of special needs of an individual						
2. Create garment styles with special features to suit the need						
3. Create custom made garments						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Understand the special needs of the wearer					K2
2	Design garment styles for people with special needs					K6
3	Create special garments to suit the personal needs of the wearer					K6
4	Select fabrics and accessories to suit the garment style and the needs of an individual					K5
5	Create custom made garments for special people like pregnant, women, physically challenged people and patients					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Design, Draft and Construct Garments for the Following						88 hours
Uniforms						
• Industry Workers / Police / Fireman / Marine Engineers						
• School /College Uniform						
• Sports Uniform (for any sport)						
• Uniform Air hostess / Nurses/ Receptionist						
Need Based Garments						
• Garment for an Adaptive person (old age person).						
• Maternity wear Garments / Garment for a Nursing mother.						
• Physically challenged people / Bed ridden / Orthopedic patients						
Creative Garments						
• Multifunctional Clothing / Convertible Garments						
• Reversible Garments						
• Creative and innovative garment of your own						
Method of Pattern Making - Draping or Drafting method						
Contemporary Issues						2 hours
Expert lectures, online seminars - webinars						
Total Lecture hours						90 hours

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<b>Text Books</b>	
1	Dressmaking: The Complete Step by Step Guide to Making Your Own Clothes, Alison Smith, DK Publishing, 2012.
2	Tailoring Basics, Teach Yourself Dress Design, Cutting, and Sewing (Color), Nadia Fahim El-hewie, CreateSpace Independent Publishing Platform, 2012.
<b>Reference Book</b>	
1	The Beginner's Guide to Dressmaking, Wendy Ward, David & Charles Publishers, 2014.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="http://textilefocus.com/maternity-clothing-comprehensive-review/">http://textilefocus.com/maternity-clothing-comprehensive-review/</a>
2	<a href="https://www.verywellfamily.com/breastfeeding-clothes-what-to-wear-431571">https://www.verywellfamily.com/breastfeeding-clothes-what-to-wear-431571</a>
3	<a href="https://www.thebalancecareers.com/manufacturing-dress-code-4051113#:~:text=Clean%20and%20Neat%20Manufacturing%20Business%20Attire&amp;text=They%20wear%20clothing%20typical%20for%20any%20manufacturing%20work%20environment.&amp;text=The%20goal%20in%20an%20industrial,for%20business%2Dcasual%2Ddress.">https://www.thebalancecareers.com/manufacturing-dress-code-4051113#:~:text=Clean%20and%20Neat%20Manufacturing%20Business%20Attire&amp;text=They%20wear%20clothing%20typical%20for%20any%20manufacturing%20work%20environment.&amp;text=The%20goal%20in%20an%20industrial,for%20business%2Dcasual%2Ddress.</a>
4	<a href="https://www.youtube.com/watch?v=Y-K6r27Ddlk">https://www.youtube.com/watch?v=Y-K6r27Ddlk</a>
5	<a href="https://en.wikipedia.org/wiki/Adaptive_clothing#:~:text=Adaptive%20clothing%20is%20specialised%20clothing,of%20disability%20to%20dress%20independently.">https://en.wikipedia.org/wiki/Adaptive_clothing#:~:text=Adaptive%20clothing%20is%20specialised%20clothing,of%20disability%20to%20dress%20independently.</a>
<b>Course Designed By: Dr R Sheela John and Dr K Sangeetha</b>	

<b>Mapping with Programme Outcomes</b>										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	S	S	S	S	S	S	L	S	S	M
CO2	S	S	S	S	S	M	M	M	L	M
CO3	S	S	S	S	S	S	M	S	M	M
CO4	S	L	S	S	S	L	L	M	M	M
CO5	S	S	S	S	S	S	M	S	S	M

\*S-Strong; M-Medium; L-Low

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Course code	2EA	BRAND MANAGEMENT	L	T	P	C
Elective			4	-	-	4
Pre-requisite		Knowledge on marketing functions	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to: 1. Create awareness on brand identity 2. Gain better understanding on brand building strategies 3. Get the attention of the consumer by establishing brands						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Plan products with a brand identity					K4
2	Understand the significance role of brand identity					K2
3	Develop strategies to establish and maintain brand					K6
4	Prepare effective branding strategies					K3
5	Devise methods of establishing a brand in the minds of the consumer					K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Unit 1						
Unit 1		Product Development and Sales			12 hours	
Product – definition, types; product line, product mix; new product development; estimating market and sales potential, sales forecasting						
Unit 2						
Unit 2		Brand, Its Identity			12 hours	
Brand – definition, evolution, importance; product vs brand; branding – meaning, creation, challenges; brand designing – understanding consumer, competition and components, brand identity - brand naming, logos, image, characters, slogans and promise , Tools to maintain brand identity, Illustrations for Brand identity from apparel industry.						
Unit 3						
Unit 3		Brand Building			12 hours	
Brand Building: brand insistence model; Brand Advertising – definition, objectives, modes, economic and ethics; Nontraditional marketing approach in Advertising. Brand- Association, Categories and Management Challenges. Branding in the Age of Information and Internet. Effective Brand Name. Brand equity measurement systems; legal laws in brand management; Brand protection, Global branding.						
Unit 4						
Unit 4		Branding Strategies			12 hours	
Branding strategies; Brand attributes and loyalty, brand extension, brand revitalization, brand repositioning, brand recall, brand harvesting and brand imitation.						
Unit 5						
Unit 5		Brand and Consumer Buying Process			10 hours	
Brand and Consumer Buying Process; Consumer search for Brand Information; Issues associated with Effective Brand Name. Brand equity measurement systems; legal laws in brand management; Brand protection, Global branding						



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<b>Unit 6</b>	<b>Contemporary Issues</b>	<b>2 hours</b>
Expert lectures, online seminars - webinars		
	<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Books</b>		
1	Branding, Brad Van Auken, Jaico Publishing House, Mumbai, India, 2010.	
2	Brand Management, MahimSagar, Deepali Singh, Agrawal DP, Achintya Gupta, Ane Books India Pvt. Ltd., India, 2009.	
<b>Reference Book</b>		
1	Harsh V Verma, “ Brand Management”, Excel Books, New Delhi, India, 2004	
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>		
1	<a href="https://library.fontbonne.edu/c.php?g=167770&amp;p=1102324#:~:text=In%20the%20fashion%20industry%20branding,to%20which%20it%20is%20linked.">https://library.fontbonne.edu/c.php?g=167770&amp;p=1102324#:~:text=In%20the%20fashion%20industry%20branding,to%20which%20it%20is%20linked.</a>	
2	<a href="http://www.brandquarterly.com/wp-content/uploads/2016/04/FashionReport.pdf">http://www.brandquarterly.com/wp-content/uploads/2016/04/FashionReport.pdf</a>	
3	<a href="https://www.fibre2fashion.com/industry-article/3768/brand-building-in-the-apparel-industry">https://www.fibre2fashion.com/industry-article/3768/brand-building-in-the-apparel-industry</a>	
<b>Course Designed By:</b> Dr R Sheela John and Mrs K Catharine Francis		

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	M	S	S	M	M	M	M	M	L	S
<b>CO2</b>	M	M	M	M	L	S	S	S	M	S
<b>CO3</b>	S	S	S	M	S	S	S	S	S	S
<b>CO4</b>	M	M	S	L	L	S	S	S	S	S
<b>CO5</b>	S	S	S	S	S	S	S	S	S	S

\*S-Strong; M-Medium; L-Low

Course code	2EB	FUNCTIONAL APPARELS AND CLOTHING	L	T	P	C
Elective			4	-	-	4
Pre-requisite		Basic knowledge on finishes applied to fabrics	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to:						
1. Acquire knowledge on the meaning and significance of functional clothing						
2. Gain insights on the suitable fabrics and methods for creating functional clothing						
3. Gain knowledge on the methods of evaluating the protective garments						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Identify suitable fiber, yarn and fabric for protective materials.					K1
2	Understand the finishes applied on the functional clothing items					K2
3	Analyse the requirements of functional clothing					K4
4	Relate to the methods of tests on fabrics used					K2
5	Design functional clothing items					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Unit 1	Requirements of Protective Materials					12 hours
Characteristic requirements of Protective fiber, yarn and fabric for flame proof, heat resistant, ballistic resistance, electrical conduction, bacterial protection, radiation protection and radiation contamination protection						
Unit 2	Chemical Finishes					12 hours
Chemical Finishes-Mechanism, Chemistry, Materials and methods - Flame retardant, Liquid repellent, Antistatic, Antibacterial, UV protection and mite protection finishes.						
Unit 3	Functional Fabrics					12 hours
Functional fabrics used in the medical field and in hygiene; military combat clothing; protective fabrics against biological and chemical warfare; textiles for high visibility						
Unit 4	Protective Garment Construction					12 hours
Protective Garment construction - method of construction of garments according to various protective end uses; use of accessories for protective garment						
Unit 5	Standards and Tests for Protective Fabric					10 hours
Standards and test method for protective fabric performance - Flame retardant finishes, Liquid repellent finishes, Antistatic, Liquid repellent, antibacterial, UV protection, mite protection; Materials and methods. Manikins – Thermal manikins, segmented thermal manikins, evaporative resistance measurement- moisture permeability index, skin model, Concept of dynamic						

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<b>Unit 6</b>		<b>Contemporary Issues</b>	<b>2 hours</b>
Expert lectures, online seminars – webinars			
		<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Books</b>			
1	Wellington Sears Handbook of Industrial textiles, Adanur S, Technomic Publishing Co Inc, 1995.		
2	Protective Clothing, Pushpa Bajaj and Sengupta A.K, The Textile Institute, 1992.		
<b>Reference Book</b>			
1	Handbook of Technical Textiles, Horrocks A.R. and Anand S.C, Woodhead Publishing Limited, Cambridge, UK, 2000		
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>			
1	<a href="https://clothingindustry.blogspot.com/2017/12/functional-clothing.html">https://clothingindustry.blogspot.com/2017/12/functional-clothing.html</a>		
2	<a href="https://www.technicaltextile.net/articles/functional-textiles-and-apparels-3292">https://www.technicaltextile.net/articles/functional-textiles-and-apparels-3292</a>		
3	<a href="http://14.139.47.15/handle/123456789/13225">http://14.139.47.15/handle/123456789/13225</a>		
<b>Course Designed By:</b> Dr R Sheela John and Mrs K Catharine Francis			

<b>Mapping with Programme Outcomes</b>										
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	S	M	M	M	M	L	L	S	S	L
<b>CO2</b>	S	M	M	S	S	S	L	M	L	L
<b>CO3</b>	M	S	S	M	M	S	M	S	M	L
<b>CO4</b>	L	L	L	L	L	S	S	S	S	L
<b>CO5</b>	S	S	S	S	S	S	S	S	S	L

\*S-Strong; M-Medium; L-Low

**M. Sc. Costume Design and Fashion 2021-22 onwards - Affiliated Colleges –  
Annexure No.39(a)(1), SCAA DATED: 23.06.2021**

Course code	2EC	SUPPLY CHAIN MANAGEMENT	L	T	P	C
Elective			4	-	-	4
Pre-requisite	Knowledge on retail industry and its functions		Syllabus Version	2020-2021		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
1. Impart knowledge on the scope and importance of supply chain management						
2. Gain insights on the role of distribution, transportation, and supplier in supply chain						
3. Gain better understanding on the significance of IT in the supply chain						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Understand the scope and importance of supply chain management					K2
2	Appraise the distribution, transportation and supplier in the supply chain					K4
3	Relate to the indispensable role played by the IT in customer relationship					K5
4	Apply the concepts and Improve the channels of distribution					K4
5	Develop sustainable fashion by adopting sustainable concepts at all levels					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
<b>Unit 1</b>						
Supply Chain Management, Scope and Importance			12 hours			
Role of Logistics and Supply chain Management: Scope and Importance- Evolution of Supply Chain -Decision Phases in Supply Chain - Competitive and Supply chain Strategies – Drivers of Supply Chain Performance and Obstacles.						
<b>Unit 2</b>						
Distribution in Supply Chain			12 hours			
Role of Distribution in Supply Chain – Factors influencing Distribution network design – Design options for Distribution Network Distribution Network in Practice-Role of network Design in Supply Chain – Framework for network Decisions.						
<b>Unit 3</b>						
Transportation in Supply Chain			12 hours			
Role of transportation in supply chain – factors affecting transportations decision – Design option for transportation network – Tailored transportation – Routing and scheduling in transportation.						
<b>Unit 4</b>						
Sourcing Supply Chain Supplier			12 hours			
Role of sourcing supply chain supplier selection assessment and contracts- Design collaboration -sourcing planning and analysis - supply chain co-ordination - Bull whip effect – Effect of lack of co-ordination in supply chain and obstacles – Building strategic partnerships and trust within a supply chain.						
<b>Unit 5</b>						
IT in Supply Chain			10 hours			
The role IT in supply chain- The supply chain IT frame work Customer Relationship Management – Internal supply chain management – supplier relationship management – future of IT in supply chain – E-Business in supply chain.						



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<b>Unit 6</b>		<b>Contemporary Issues</b>	<b>2 hours</b>
Expert lectures, online seminars - webinars			
		<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Books</b>			
1	Supply Chain Management, Strategy, Planning, and operation, Sunil Chopra, Peter Meindl and Kalra, Pearson Education, 2010.		
2	Modeling the Supply Chain, Jeremy F.Shapiro, Thomson Duxbury, 2002.		
<b>Reference Book</b>			
1	Quantitative models in Operations and Supply Chain Management, Srinivasan G.S, PHI, 2010		
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>			
1	<a href="https://www.ibm.com/topics/supply-chain-management">https://www.ibm.com/topics/supply-chain-management</a>		
2	<a href="https://www.tutorialspoint.com/supply_chain_management/supply_chain_management_it_role.htm">https://www.tutorialspoint.com/supply_chain_management/supply_chain_management_it_role.htm</a>		
<b>Course Designed By:</b> Dr R Sheela John and Mrs K Catharine Francis			

<b>Mapping with Programme Outcomes</b>										
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	L	L	S	L	L	S	S	S	M	L
<b>CO2</b>	L	L	M	L	S	S	S	S	L	L
<b>CO3</b>	L	L	M	L	L	M	M	M	L	L
<b>CO4</b>	L	L	L	L	L	M	S	S	M	L
<b>CO5</b>	S	S	S	S	S	S	S	S	S	L

\*S-Strong; M-Medium; L-Low



# Third Semester

**M. Sc. Costume Design and Fashion 2021-22 onwards - Affiliated Colleges –  
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Course code	33A	APPAREL QUALITY STANDARDS		L	T	P	C
Core				4	-	-	4
Pre-requisite		Knowledge on process sequence in garment manufacturing units		Syllabus Version		2020-2021	
Course Objectives:							
The main objectives of this course are to:							
1. Development of quality specifications for manufacturing.							
2. Identification of critical inspections points for Quality Assurance.							
3. Analysis of relationship between quality specification requirements, time of performance, quality assurance, supervisory responsibility and cost							
Expected Course Outcomes:							
On the successful completion of the course, student will be able to:							
1	Devise the quality control measures needed in the apparel industry						K4
2	Appraise the inspection techniques in apparel industry.						K5
3	Plan quality control program for the industry						K4
4	Reframe quality related activities in Apparel industry.						K5
5	Develop measurements of conformance to specification to maintain the quality of the product.						K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create							
Unit 1		Quality Terms and Standardizing Garments				12 hours	
Introduction to quality and, importance. Standards-introduction, benefits, levels and sources of standards, Selection of inspectors. Standards in garment construction, seams, seam finishes, darts, dart equivalents, underlining, interfacing, interlinings, linings, inseam pockets, applied pockets, slashed pockets, bindings, facings, inset bands, rib-stretch bands, collars, sleeves, sleeve finishes- cuffs and plackets, waistline edge casings, internal waistline treatments, button and decorative snap closures, buttonholes, zippered closures, hems and hems treatments.							
Unit 2		Quality Control Inspection				12 hours	
Raw materials – Fabric inspection systems- 4 point, 10 point system, Sewing threads-construction and sewability. Trims inspection- zippers waist band, buttons, Interlining. In process inspection - spreading, cutting, sewing quality parameter and types of defects occurring, assembly defects. Final inspection- finishing defects, no inspection, 100% inspection, spot checking, and arbitrary sampling.							
Unit 3		Quality Standards for Fit and Specifications				12 hours	
Standards for fit- Standard measurement techniques and its importance in fit. How to measure Garments, Minimum ease for each part, Standard measurement for hemline for various garments, collar, button stand, buttonholes, piping, facings. Trims testing-Possible defects- zippers, buttons. Specifications -Importance of Specs and its role in maintaining quality, Process of spec sheet development; Concept of Tolerances - Maximum, minimum, zero tolerance.							

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Unit 4	System of Quality Management	12 hours
System of Quality Management: Concept of Quality Assurance, Establishing quality Management Team, Methods of Assuring Quality-preproduction, production and postproduction. Cost and benefit of Quality programmes. Seven tools of Quality Control. Apparel Quality: Quality features, Price, perceived quality mode and application. Quality indicator-Fabric, Finding and trims.		
Unit 5	Government Regulation on Labelling and Eco Specifications	10 hours
Government Regulation and labeling: Communicating to Consumers-Regulation on Apparel labeling, apparel safety, Apparel industry business practices and Voluntary label information, Quality costs and customer returns. Sensitizing dye stuffs: allergic dyes, carcinogenic amines, red-listed as per Eco specifications, Eco management of textile and apparel industry, Global Scenario, Eco mark &Environment friendly textiles. Eco specification and restrictions in apparels and textiles.		
Unit 6	Contemporary Issues	2 hours
Expert lectures, online seminars – webinars		
	Total Lecture hours	60 hours
Text Books		
1	Quality Management Handbook for the Apparel Industry - Pradip V. Mehta, Published by New Age International Publishers, 2012.	
2	Handbook of Textile Testing and Quality Control - Grover, Published by Wiley Eastern, 1988.	
3	Handbook of Managing Apparel Production and Quality – B Purushothama, Woodhead Publishing , 1994.	
Reference Books		
1	An Introduction to Quality Control for the Apparel Industry: 36 (Quality and Reliability) – Pradip V. Mehta, CRC Press, 1992.	
2	Physical Testing and Quality Control, Vol No. 1/2/3 textile Institute, 1993.	
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]		
1	<a href="https://textilelearner.blogspot.com/2011/08/quality-control-system-in-garments_2589.html">https://textilelearner.blogspot.com/2011/08/quality-control-system-in-garments_2589.html</a>	
2	<a href="https://fashion2apparel.blogspot.com/2017/02/quality-control-apparel-industry.html">https://fashion2apparel.blogspot.com/2017/02/quality-control-apparel-industry.html</a>	
3	<a href="https://clothingindustry.blogspot.com/2017/12/quality-assurance-process-apparel.html">https://clothingindustry.blogspot.com/2017/12/quality-assurance-process-apparel.html</a>	
Course Designed By: Dr R Sheela John and Dr K Sangeetha		

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	L	L	L	M	M	S	S	S	M	L
<b>CO2</b>	L	L	L	L	L	S	S	S	M	L
<b>CO3</b>	L	L	L	L	L	S	S	S	M	L
<b>CO4</b>	M	M	S	S	M	S	S	S	M	L
<b>CO5</b>	S	S	S	S	S	S	M	S	S	L

\*S-Strong; M-Medium; L-Low



**M. Sc. Costume Design and Fashion 2021-22 onwards - Affiliated Colleges –  
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Course code	33B	TEXTILE TESTING	L	T	P	C
Core			4	-	-	4
Pre-requisite		Knowledge on fiber, yarn and fabric	Syllabus Version		2020-2021	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Gain knowledge on the fiber, yarn and physical tests</li> <li>2. Gain knowledge on the procedures to be followed in various testing equipment</li> <li>3. Know about the concepts and principles followed in testing various parameters</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Describe the terms related to testing					K1
2	Understand the concepts and principles underling the tests and the its equipment					K2
3	Apply the knowledge and conduct the tests					K3
4	Appraise the quality of the fiber, yarn and fabric					K4
5	Test the fiber, yarn and fabrics					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit 1</b>						
<b>Introduction to Textile Testing</b>			<b>12 hours</b>			
Introduction to testing - terminology of testing - selection of samples for testing. Standard R H and temperature for testing - measurement of moisture regain conditioning oven - Shirley moisture meter.						
<b>Unit 2</b>						
<b>Fiber Testing</b>			<b>12 hours</b>			
Fiber testing <ul style="list-style-type: none"> <li>• Cotton fiber length - Baer Sorter</li> <li>• Fineness - Air flow principle instruments, Sheffield micronaire</li> <li>• Maturity - Caustic Soda swelling</li> <li>• Strength - Pressley bundle strength tester, Stelometer strength tester</li> <li>• Determination of trash and lint in cotton - Shirley trash analyzer</li> </ul>						
<b>Unit 3</b>						
<b>Yarn Testing</b>			<b>12 hours</b>			
Yam Testing <ul style="list-style-type: none"> <li>• Yam numbering system - conversion of count from one system to another</li> <li>• Instruments for count determination - quadrant balance, Beesley balance</li> <li>• Yam strength testing - Principles of CRT, CRL, CRE – Single and Lea strength tester,</li> <li>• Yam twist - Direction of twist, twist multipliers, Twist testers - tension type, ATIRA direct type tester</li> <li>• Yam evenness - classification of variation, methods of measuring evenness – black board, ASTM Standards, Uster evenness tester, Uster hairiness tester ,Standards, Yam faults, classifications,</li> <li>• Yam hairiness and crimp testing</li> </ul>						
<b>Unit 4</b>						
<b>Fabric Testing</b>			<b>12 hours</b>			
Fabric testing <ul style="list-style-type: none"> <li>• Fabric Particulars –length, width, crimp, weight, cover factor</li> </ul>						

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<ul style="list-style-type: none"><li>• Fabric Strength - fabric tensile strength tester, tearing strength tester, hydraulic bursting strength tester</li><li>• Fabric Abrasion - resistance, handle, serviceability, assessment, Martindale abrasion tester</li><li>• Fabric Pilling - I C I Pill box tester</li><li>• Fabric drape -Measurement, Drape meter</li><li>• Fabric Stiffness - Shirley stiffness tester</li><li>• Fabric crease resistance and crease recovery measurements</li><li>• Fabric permeability - Shirley air permeability tester, fabric water permeability tester, Bundersmann tester</li></ul>		
<b>Unit 5</b>	<b>Tests for Colour Fastness, Whiteness Index and Tailorability</b>	<b>10 hours</b>
Fastness in Textiles - Crocking, perspiration, sunlight, laundering, pressing and dry-cleaning aspects, whiteness index, matching cabinets, Computer color matching and computerized fabric inspection system. Tailorability of woven and knitted fabrics.		
<b>Unit 6</b>	<b>Contemporary Issues</b>	<b>2 hours</b>
Expert lectures, online seminars - webinars		
	<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Books</b>		
1	Principles of textile Testing- An Introduction to Physical Methods of Testing Textile Fibres, Yarns, and Fabrics, Booth J E, Butterworths, 1986.	
2	Technology of textile properties, Marjorie A Taylor, Forbes publications Ltd, London, 1972.	
3	Physical Testing of Textiles, B P Saville, Published by Elsevier Science, 1999.	
4	Textile Testing, Jewel and Jewel Raul, Publisher: APH Publishing Corporation, 2005.	
<b>Reference Book</b>		
1	Textile Testing, Angappan P and Gopalakrishnan R, SSM Institute of textile technology, Komarapalayam, 1991.	
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>		
1	<a href="https://textilelearner.blogspot.com/2012/02/fiber-fineness-is-measured-by-airflow.html#:~:text=Fiber%20fineness%3A,terms%20of%20average%20linear%20density.">https://textilelearner.blogspot.com/2012/02/fiber-fineness-is-measured-by-airflow.html#:~:text=Fiber%20fineness%3A,terms%20of%20average%20linear%20density.</a>	
2	<a href="https://textilecourse.blogspot.com/2018/03/yarn-evenness-testing-uster.html">https://textilecourse.blogspot.com/2018/03/yarn-evenness-testing-uster.html</a>	
3	<a href="https://textilestudycenter.com/fabric-tensile-strength-test/">https://textilestudycenter.com/fabric-tensile-strength-test/</a>	
<b>Course Designed By:</b> Dr R Sheela John and Mrs K Catharine Francis		

<b>Mapping with Programme Outcomes</b>										
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	L	L	L	S	M	S	M	M	M	L
<b>CO2</b>	L	L	S	M	M	S	M	M	S	L
<b>CO3</b>	L	M	L	M	S	S	L	M	M	L
<b>CO4</b>	L	L	M	S	S	S	S	S	S	L
<b>CO5</b>	L	L	M	S	S	S	S	S	S	L

\*S-Strong; M-Medium; L-Low

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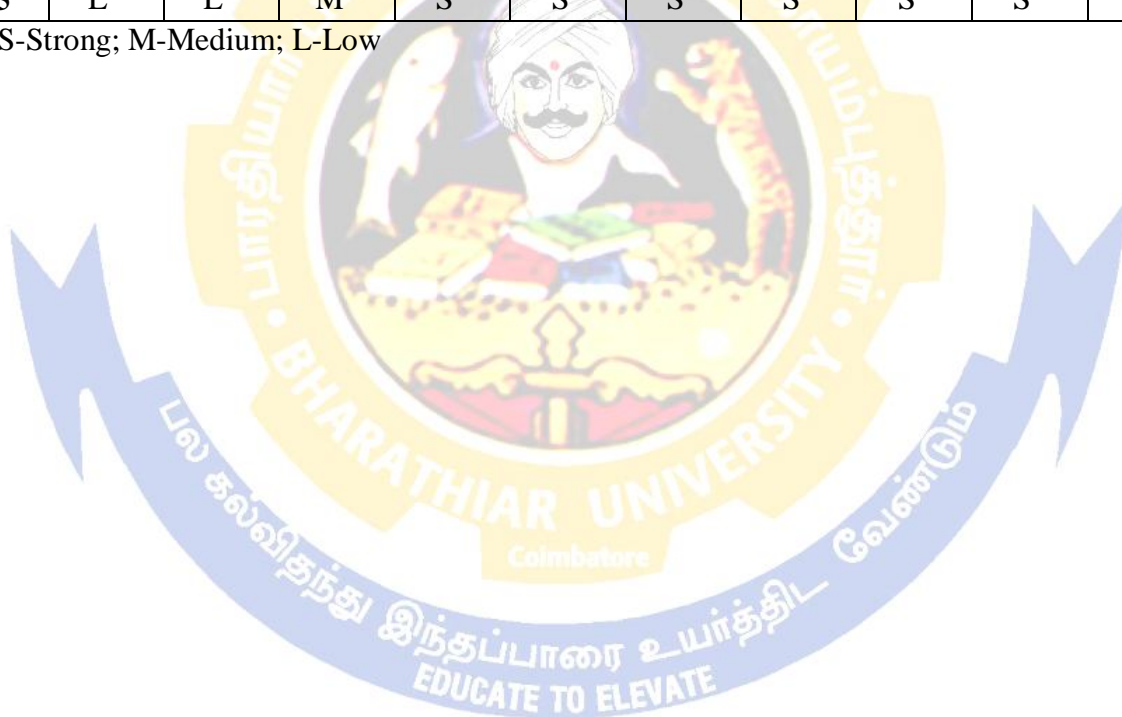
Course code	33P	TEXTILE TESTING PRACTICAL	L	T	P	C
Core - Practical			-	-	4	4
Pre-requisite		Knowledge on fiber, yarn and fabric	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to:						
1. Gain knowledge on the fiber, yarn and physical tests						
2. Gain knowledge on the procedures to be followed in various testing equipment						
3. Know about the concepts and principles followed in testing various parameters						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Understand the concepts and principles underling the tests and its equipment					K2
2	Test the fiber, yarn and fabrics					K6
3	Establish results from the readings obtained from the tests performed					K4
4	Appraise the quality of the fiber, yarn and fabric					K6
5	Apply the knowledge and conduct the tests during research activities					K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Evaluate the Given sample with the Following tests						
58 hours						
1. Determination of Tensile Strength of the given Fabric						
2. Determination of Stiffness of the given Fabric						
3. Determination of Abrasion Resistance of the given Fabric						
4. Determination of Crease Recovery of the given Fabric						
5. Determination of Drape of the given Fabric						
6. Determination of Bursting Strength of the given Fabric						
7. Determination of Color Fastness of the given Fabric by Crock meter.						
8. Determination of Color Fastness of the given Fabric by Perspirometer						
9. Determination of Color Fastness of the given Fabric by Laundrometer						
10. Determination of Shrinkage of the given Fabric						
Unit 6						
Contemporary Issues					2 hours	
Expert lectures, online seminars – webinars						
Total Lecture hours						
					60 hours	
Text Books						
1	Principles of textile Testing- An Introduction to Physical Methods of Testing Textile Fibres, Yarns, and Fabrics, Booth J E, Butterworths, 1986.					
2	Technology of textile properties, Marjorie A Taylor, Forbes publications Ltd, London, 1972.					
3	Physical Testing of Textiles, B P Saville, Elsevier Science, 1999.					
4	Textile Testing, Jewel and Jewel Raul, APH Publishing Corporation, 2005					
Reference Book						
1	Textile Testing, Angappan P and Gopalakrishnan R, SSM Institute of textile technology,					

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	Komarapalayam, 1991
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.testtextile.com/what-is-fabric-drape-and-how-does-it-run/#:~:text=There%20are%20two%20methods%20to,plate%20due%20to%20its%20gravity.">https://www.testtextile.com/what-is-fabric-drape-and-how-does-it-run/#:~:text=There%20are%20two%20methods%20to,plate%20due%20to%20its%20gravity.</a>
2	<a href="https://www.youtube.com/watch?v=RgO4U68sWoQ">https://www.youtube.com/watch?v=RgO4U68sWoQ</a>
3	<a href="https://textilestudycenter.com/fabric-tensile-strength-test/">https://textilestudycenter.com/fabric-tensile-strength-test/</a>
<b>Course Designed By: Dr R Sheela John and Mrs K Catharine Francis</b>	

<b>Mapping with Programme Outcomes</b>										
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	L	L	L	S	M	S	M	M	M	L
<b>CO2</b>	L	L	S	M	M	S	M	M	S	L
<b>CO3</b>	L	M	L	M	S	S	L	M	M	L
<b>CO4</b>	L	L	M	S	S	S	S	S	S	L
<b>CO5</b>	L	L	M	S	S	S	S	S	S	L

\*S-Strong; M-Medium; L-Low





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Course code	33Q	CAD IN PATTERN MAKING	L	T	P	C	
Core - Practical			-	-	4	4	
Pre-requisite		Knowledge in drafting patterns for children, woman and men garments	Syllabus Version		2020-2021		
Course Objectives:							
The main objectives of this course are to:							
1. Draft patterns for various garment styles in computer							
2. Grade patterns for various garment styles in computer							
3. Prepare Marker Plan for various garment styles in computer							
Expected Course Outcomes:							
On the successful completion of the course, student will be able to:							
1	Develop patterns for children, women and men garment styles in computer					K6	
2	Create graded patterns and marker plan with pattern making software					K6	
3	Create perfect patterns and thereby bring out good fit in garments					K6	
4	Evaluate the pattern and marker efficiency with the garment collection					K6	
5	Integrate the CAD patterns into the computerized cutting machine					K6	
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create							
Draft Patterns, Grade Patterns and Prepare a marker plan for the following Children's Wear							30 hours
<ul style="list-style-type: none"><li>• Yoke frock</li><li>• Baba suit</li><li>• Summer frock</li><li>• Skirt and tops</li></ul>							
Draft Patterns, Grade Patterns and Prepare a marker plan for the following Women's Wear							30 hours
<ul style="list-style-type: none"><li>• Salwar and Kameez</li><li>• Blouse Tops</li><li>• Nightie</li><li>• Princess line dress</li></ul>							
Draft Patterns, Grade Patterns and Prepare a marker plan for the following Men's Wear							28 hours
<ul style="list-style-type: none"><li>• Kurta and Pyjama</li><li>• Full sleeve</li><li>• T-Shirt and Bermudas</li><li>• Pleated trouser</li><li>• Bell bottom.</li></ul>							
Unit 6		Contemporary Issues				2 hours	
Expert lectures, online seminars – webinars							
Total Lecture hours						90 hours	

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<b>Text Books</b>	
1	Pattern Cutting for Clothing Using Cad: How To Use Lectra Modaris Pattern Cutting Software, Stott M, Woodhead Publishing Ltd, 2012.
2	Pattern Cutting and Making Up Revised Edition, Shoben M M , CBS Publishers and Distributors, 2000.
<b>Reference Books</b>	
1	Patternmaking and Grading Using Gerber's AccuMark Pattern Design Software - Michele Lininger, Pearson Publishers, 2014.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.youtube.com/watch?v=gTQu9moyaEQ">https://www.youtube.com/watch?v=gTQu9moyaEQ</a>
2	<a href="https://tukatech.com/tukaapm/">https://tukatech.com/tukaapm/</a>
3	<a href="https://www.youtube.com/watch?v=A6BsL7m_33A">https://www.youtube.com/watch?v=A6BsL7m_33A</a>
<b>Course Designed By: Dr R Sheela John and Dr S Jayapriya</b>	

<b>Mapping with Programme Outcomes</b>										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	M	S	S	L	L	M	L	L	L	S
CO2	M	S	S	L	L	M	M	L	L	L
CO3	S	S	S	S	L	S	S	L	L	L
CO4	L	S	M	L	L	S	S	L	L	L
CO5	L	S	S	L	L	S	S	L	L	L

\*S-Strong; M-Medium; L-Low

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Course code	33R	DESIGN WITH PRINTS	L	T	P	C
Core - Practical			-	-	4	4
Pre-requisite		Possess knowledge on printing and dyes and dyeing methods	Syllabus Version		2020-2021	
The main objectives of this course are to: 1. Develop new patterns and prints 2. Create interesting fabric prints 3. Bring out unique printed collections						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Design garment styles for various prints					K6
2	Create printed designs using various printing methods					K6
3	Draft and construct patterns from the printed fabrics					K6
4	Discover new designs with combining two methods of printing					K3
5	Apply embellishments and add value to the printed garments					K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Design and Construct a Garment with Following Methods of Printing						
88 hours						
<ul style="list-style-type: none"><li>Fabric Painting - Chest Print / Border Print / All over Print</li><li>Block Printing – Border Print / All over print</li><li>Tie and Dye – Single / Multi colour</li><li>Batik Printing – Single / Multi colour</li><li>Screen Printing – Chest Print / Border Print / All over Print</li><li>Combination of any 2 printing methods in a garment (2 No)</li><li>Print a garment of your choice and embellish the same (with embroidery/ beads/ stones/ glass works / any other)</li></ul>						
Note : Atleast one male and one child garment should be created						
For Examination - Prepare the Printed sample and present the garment silhouette in the form of Illustration						
Unit 6						
Contemporary Issues						
2 hours						
Expert lectures, online seminars - webinars						
Total Lecture hours						
90 hours						
Text Books						
1	Batik and Tie Dye Techniques, Nancy Belfer, Dover Publications, 2012.					
2	Tie-Dyeing, Batik & Fabric Printing – Elizabeth French, Stephanie Schrapel, Rigby Instant Books, 1972.					
Reference Books						
1	Printing on Fabric: Techniques with Screens, Stencils, Inks, and Dyes, Jen Swearington, 2013.					

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<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.youtube.com/watch?v=VGzIDZ-_nZg">https://www.youtube.com/watch?v=VGzIDZ-_nZg</a>
2	<a href="https://www.youtube.com/watch?v=xJzJXSvT1tw">https://www.youtube.com/watch?v=xJzJXSvT1tw</a>
3	<a href="https://www.youtube.com/watch?v=1vuFjpkz3Hc">https://www.youtube.com/watch?v=1vuFjpkz3Hc</a>
4	<a href="https://www.youtube.com/watch?v=XCw-KJYTIOw">https://www.youtube.com/watch?v=XCw-KJYTIOw</a>
<b>Course Designed By: Dr R Sheela John and Dr S Jayapriya</b>	

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	S	S	S	S	S	M	M	M	M	L
<b>CO2</b>	M	M	S	S	M	M	M	M	L	L
<b>CO3</b>	S	S	S	S	S	M	M	M	L	L
<b>CO4</b>	S	M	M	S	S	M	M	M	S	L
<b>CO5</b>	M	S	S	L	S	M	L	M	L	L

\*S-Strong; M-Medium; L-Low





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Course code	3EA	APPAREL PRODUCTION AND PLANNING	L	T	P	C
Elective			4	-	-	4
Pre-requisite	Basic knowledge on the process sequence of apparel manufacturing industry		Syllabus Version	2020-2021		
Course Objectives:						
The main objectives of this course are to: 1. Create a better understanding on improving productivity 2. Gain in depth knowledge on work study and method study 3. Gain a clear perspective of production management						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Understand the significance of productivity and production management					K2
2	Apply ergonomics in the apparel industry					K3
3	Evaluate the production with work study and method study					K5
4	Interpret work measurement procedure and techniques					K2
5	Appraise the productivity in a workplace					K5
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Unit 1						
Productivity, Meaning, Measurement and Importance		12 hours				
Productivity: Meaning, measurement and importance; productivity and standard of living; factors affecting productivity; improving productivity; determination of total time of a job; reducing ineffective time. Introduction of Industrial Engineering - Application of Ergonomics in apparel industry.						
Unit 2						
Production management		12 hours				
Production management: Stages of Product Development, Function of production control, Productivity Concept, Human resource management, inventory management, Equipment management and Plant modernization. Scope of manufacturing activity, Coordinating departmental activities.						
Unit 3						
Work Study		12 hours				
Work Study: Meaning, importance and procedure; human factor in the application of work study. Working conditions and environment; pre-requisites for work study						
Unit 4						
Method Study		12 hours				
Method Study: Selection of jobs, record, examination and development, movements of workers in the working area; evaluate, define, install and maintain; method study in the apparel industry.						
Unit 5						
Work Measurement		10 hours				
Work Measurement: Purpose, uses, procedure and techniques; work sampling; time study; equipment, selecting and timing the job; rating and standard time; pre-determined time standards and standard data; uses of standard data. Materials Handling and Storage, Flexible Manufacturing Systems, Operation Time Analysis						

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Unit 6	Contemporary Issues	2 hours
Expert lectures, online seminars – webinars		
	Total Lecture hours	60 hours
Text Books		
1	Introduction to Clothing Production Management, A.J. Chuter, Blackwell Scientific Publications, 1995	
2	The Technology of Clothing Manufacture, Barbara Latham and Harold Carr, Blackwell Scientific Publications, 1988	
Reference Book		
1	Apparel Manufacturing Handbook, Jacob Solinger, Van Nostrand Reinhold Company, 1980.	
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]		
1	<a href="https://textilelearner.blogspot.com/2013/04/concepts-of-production-and-productivity.html">https://textilelearner.blogspot.com/2013/04/concepts-of-production-and-productivity.html</a>	
2	<a href="https://textilelearner.blogspot.com/2013/07/what-is-work-study-work-study-in.html">https://textilelearner.blogspot.com/2013/07/what-is-work-study-work-study-in.html</a>	
3	<a href="https://fashion2apparel.blogspot.com/2017/08/work-measurement-garment-industry.html">https://fashion2apparel.blogspot.com/2017/08/work-measurement-garment-industry.html</a>	
Course Designed By: Dr R Sheela John and Mrs K Catharine Francis		

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	M	S	S	S	S	S	S	M	L	L
<b>CO2</b>	S	S	S	S	S	M	S	S	M	L
<b>CO3</b>	M	M	L	L	L	S	S	S	S	L
<b>CO4</b>	L	M	M	L	L	S	S	S	S	L
<b>CO5</b>	M	M	S	M	M	S	S	S	S	L

\*S-Strong; M-Medium; L-Low

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Course code	3EB	INTIMATE APPARELS	L	T	P	C
Elective			4	-	-	4
Pre-requisite	Basic knowledge on categories of clothing		Syllabus Version	2020-2021		
<b>Course Objectives:</b>						
The main objectives of this course are to: 1. Acquire knowledge on the intimate apparel and its types 2. Gain insights on the pattern making and sewing techniques suitable for intimate apparels 3. Gain knowledge on the suitable fabrics and essential accessories						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Understand the types of intimate apparels					K2
2	Prepare design analysis with the knowledge gained					K3
3	Relate to the method of creating patterns					K3
4	Select suitable accessories for intimate apparel					K2
5	Appraise suitable methods of construction					K4
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit 1</b>						
		Definition and classification of intimate apparels			<b>12 hours</b>	
Intimate apparels – Definition, classification, materials-fiber, fabric and accessories; physical and physiological requirements of intimate apparels						
<b>Unit 2</b>						
		<b>Intimate Apparels -Design Analysis,</b>			<b>12 hours</b>	
Design analysis, measurements, pattern drafting of men’s intimate apparel – Long johns, tank top, boy shorts, knickers, bikini underwear, thong, boxer briefs, boxer shorts and jock strap.						
<b>Unit 3</b>						
		<b>Pattern Drafting of Women’s Intimate Apparel</b>			<b>12 hours</b>	
Design analysis, measurements, pattern drafting of women’s intimate apparel – waist petticoats, Panties, camisoles, tube top, shape wear, bikini and bra.						
<b>Unit 4</b>						
		<b>Intimate Apparel Accessories</b>			<b>12 hours</b>	
Intimate apparel accessories - Bra wire, hook and eye tape, ring and slider, buckle, plastic bone, elastics and sewing threads						
<b>Unit 5</b>						
		<b>Sewing of Intimate Apparels</b>			<b>10 hours</b>	
Sewing of intimate apparels - seams, stitches, machines; lamination; moulding and welding Technique.						
<b>Unit 6</b>						
		<b>Contemporary Issues</b>			<b>2 hours</b>	
Expert lectures, online seminars - webinars						
					<b>Total Lecture hours</b>	<b>60 hours</b>

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<b>Text Book</b>	
1	Ann Haggard, "Pattern Cutting for Lingerie, Beach Wear and Leisure Wear", Black Well Science Limited, France, 2001
<b>Reference Book</b>	
1	Innovations and Technology of Womens Intimate Apparel, W.Yu, J. Fan, S.C. Harlock, S.P, Wood head Publishing Limited, England 2006
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://en.wikipedia.org/wiki/Lingerie">https://en.wikipedia.org/wiki/Lingerie</a>
2	<a href="https://www.intechopen.com/books/textile-manufacturing-processes/innovation-in-the-comfort-of-intimate-apparel">https://www.intechopen.com/books/textile-manufacturing-processes/innovation-in-the-comfort-of-intimate-apparel</a>
3	<a href="https://www.textilebook.com/2019/05/advances-in-womens-intimate-apparel.html">https://www.textilebook.com/2019/05/advances-in-womens-intimate-apparel.html</a>
<b>Course Designed By: Dr R Sheela John and Mrs K Catharine Francis</b>	

<b>Mapping with Programme Outcomes</b>										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	S	S	S	S	S	S	S	S	S	L
CO2	S	S	S	S	S	L	L	M	M	L
CO3	M	S	M	M	M	L	L	M	M	L
CO4	S	S	S	S	M	S	M	L	M	L
CO5	L	S	S	S	S	S	S	S	M	L

\*S-Strong; M-Medium; L-Low



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Course code	3EC	CLOTHING SCIENCE	L	T	P	C
Elective			4	-	-	4
Pre-requisite		Basic knowledge on the properties of various fibers, yarns and fabric structures	Syllabus Version		2020-2021	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
1. Learn about the characteristics of the fabric responsible related to comfort properties						
2. Understand the underlying comfort properties						
3. Apply the same while designing garment collections						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Understand the meaning and significance of comfort					K2
2	Correlate to the property of the fabric with the comfort of the wearer.					K4
3	Analyse the comfort with various perspectives,					K4
4	Apply the knowledge gained in designing garments in future					K3
5	Create garments to suit the comfort level of the wearer					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
<b>Unit 1</b>						
<b>Comfort, Definition and Types</b>		<b>12 hours</b>				
Comfort – types and definition; human clothing system, comfort perception and preferences techniques - Mechanical Stimuli and thermal stimuli.						
<b>Unit 2</b>						
<b>Thermo Physiological Comfort</b>		<b>12 hours</b>				
Thermo physiological comfort – thermoregulatory Mechanisms of the Human Body, role of clothing on thermal regulations						
<b>Unit 3</b>						
<b>Heat and Moisture Transfer</b>		<b>12 hours</b>				
Heat and moisture transfer – moisture exchange, wearer’s temperature regulations, effect of physical properties of fibres, behavior of different types of fabrics						
<b>Unit 4</b>						
<b>Psychological Comfort</b>		<b>12 hours</b>				
Psychological comfort; neuro physiological comfort - basis of Sensory Perceptions, measurement						
<b>Unit 5</b>						
<b>Tactile and Mechanical Properties</b>		<b>10 hours</b>				
Fabric tactile and mechanical properties - fabric prickliness, itchiness, stiffness, softness, Smoothness, roughness, and scratchiness. Predictability of clothing comfort performance						
<b>Unit 6</b>						
<b>Contemporary Issues</b>		<b>2 hours</b>				
Expert lectures, online seminars – webinars						
		<b>Total Lecture hours</b>			<b>60 hours</b>	
<b>Text Books</b>						
1	Effect of Mechanical and Physical Properties on Fabric Hand, Hassan M. Behery, Wood head Publishing Ltd, 2005					

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2	The Science of Clothing Comfort. Y. Li. Pages 1-135   Published online: 29 Nov 2010. Pages 1-135. Published online: 29 Nov 2010
<b>Reference Book</b>	
1	Clothing, Textile and Human Performance, R.M.Laing, G.G. Sleivert, Textile Progress, Volume 32, 2002
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.sciencedirect.com/topics/engineering/clothing-comfort">https://www.sciencedirect.com/topics/engineering/clothing-comfort</a>
2	<a href="https://juniperpublishers.com/jojms/pdf/JOJMS.MS.ID.555662.pdf">https://juniperpublishers.com/jojms/pdf/JOJMS.MS.ID.555662.pdf</a>
3	<a href="https://dergipark.org.tr/tr/download/article-file/186436">https://dergipark.org.tr/tr/download/article-file/186436</a>
<b>Course Designed By:</b> Dr R Sheela John and Mrs K Catharine Francis	

<b>Mapping with Programme Outcomes</b>										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	M	M	M	M	M	L	L	L	M	L
CO2	S	S	S	S	M	S	M	S	S	L
CO3	S	S	S	M	S	S	S	S	S	L
CO4	S	S	S	S	S	S	S	S	S	L
CO5	S	S	S	S	S	S	S	S	S	L

\*S-Strong; M-Medium; L-Low





# Fourth Semester

**M. Sc. Costume Design and Fashion 2021-22 onwards - Affiliated Colleges –  
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Course code	43A	INDIAN TEXTILE INDUSTRY	L	T	P	C
Core			4	-	-	4
Pre-requisite		Knowledge on manufacturing of various textiles	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to: 1. Trace the origin of the textile industry in India 2. Understand the growth of the industry over the years 3. Gain knowledge on new technologies in the industry						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Understand the evolution and growth of textile industry					K2
2	Relate the growth of the industry through five-year plans					K3
3	Discover the significance of textile industry nationally and globally					K3
4	Appraise recent technological development in textile industry.					K4
5	Articulate the origin, growth and development of textile industries in India					K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Unit 1						
Unit 1		Overview of the Indian Textiles Industry.			12 hours	
Overview of the textiles industry -Origin, Growth and Development of Indian Textile Industry - Cotton, Wool, Silk, Rayon, Man-Made Textiles, Readymade garments.						
Unit 2						
Unit 2		Five Year Plans and Organizations of Textile Industry			12 hours	
Five-year plans for the textile Industry - Recent plan and previous 5 Five year plans, Organizations related to the Textile and clothing Industry. Concept of GATT, MFA, WTO, ATC and Globalization.						
Unit 3						
Unit 3		Overview of Global and Indian Textile Industry			12 hours	
Overview of global and Indian textile industry -Nature, size, structure and trade of various sectors of the industry - Evolution and Growth – Employment prospects-supporting institutions and organizations-Trade promotion services (AEPC, CMAI,PEXCIL)- Handloom and Handicrafts Development Corporation, Silk Board, KVIC,CCIC, NIFT, IIT, NID -Textile research associations- Textile Committee. Export Promotion Councils of India.						
Unit 4						
Unit 4		Major Segments of the Textile Industry			12 hours	
Major segments of the Textile Industry -Organized textile sector- Decentralized sector- Handloom and powerloom sector- Cotton and man-made filament yarn industry-Woolen textile industry-Sericulture-Other fibers.						
Unit 5						
Unit 5		Recent Technological Development in Textile Industry			10 hours	
Recent technological development in spinning, weaving knitting, and non-woven industry - Significance and uses. Recent technological development in allied industry like dyeing, printing, and finishing industry.						



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<b>Unit 6</b>		<b>Contemporary Issues</b>	<b>2 hours</b>
Expert lectures, online seminars – webinars			
		<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Books</b>			
1	The Textile Industry in India: Changing Trends and Employment Challenges - Bindu Oberoi, 2017.		
2	Indian Textile Industry: State Policy, Liberalization and Growth - Shuji Uchikawa Oxford University Press, 2017		
3	The Indian Textile and Clothing Industry: An Economic Analysis - Mausumi Kar, Published by Springer India, 2015		
<b>Reference Books</b>			
1	Textiles-Fiber to fabric, Bernard P Corbman, 6th edition, McGraw Hill Book Co, Singapore,1983.		
2	Fabric forming systems, Peter Schwartz, Trevor Rhodes, Mansour Mohammed, Noyes' Publications, New Jersey, USA, 1996.		
3	Fabric Care, Normia D'Souza, New Age International Pvt Ltd, New Delhi Journals		
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>			
1	<a href="https://www.fibre2fashion.com/industry-article/543/indian-textile-industry#:~:text=HISTORY%20OF%20TEXTILE%20INDUSTRY&amp;text=The%20traditional%20textile%20industry%20of,gloster%20near%20Calcutta%20in%201818">https://www.fibre2fashion.com/industry-article/543/indian-textile-industry#:~:text=HISTORY%20OF%20TEXTILE%20INDUSTRY&amp;text=The%20traditional%20textile%20industry%20of,gloster%20near%20Calcutta%20in%201818</a> .		
2	<a href="http://texmin.nic.in/sites/default/files/strategic_plan_2012_2017.pdf">http://texmin.nic.in/sites/default/files/strategic_plan_2012_2017.pdf</a>		
3	<a href="https://www.indiatoday.in/education-today/gk-current-affairs/story/textile-industry-in-india-latest-facts-figures-government-schemes-1353406-2018-10-01#:~:text=The%20size%20of%20India's%20textile,cent%20between%202009%20and%202023.&amp;text=India%20is%20the%20second%20largest,billion%2C%20marginally%20close%20to%20China">https://www.indiatoday.in/education-today/gk-current-affairs/story/textile-industry-in-india-latest-facts-figures-government-schemes-1353406-2018-10-01#:~:text=The%20size%20of%20India's%20textile,cent%20between%202009%20and%202023.&amp;text=India%20is%20the%20second%20largest,billion%2C%20marginally%20close%20to%20China</a> .		
<b>Course Designed By:</b> Dr R Sheela John and Dr S Jayapriya			

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	L	M	M	L	M	M	S	S	S	L
<b>CO2</b>	L	L	L	L	M	M	M	M	L	L
<b>CO3</b>	L	L	L	M	M	M	S	S	S	L
<b>CO4</b>	M	S	S	L	L	M	S	S	M	L
<b>CO5</b>	L	L	L	S	M	M	L	L	L	L

\*S-Strong; M-Medium; L-Low

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Annexure No.39(a)(1), SCAA DATED: 23.06.2021**

Course code	43P	DESIGN COLLECTION		L	T	P	C
Core - Practical				-	-	4	4
Pre-requisite		Knowledge on garments and home textiles		Syllabus Version		2020-2021	
Course Objectives:							
The main objectives of this course are to:							
1. Gain a clear understanding of range planning							
2. Enhance designing skills							
3. Gain more confidence in presenting the collection							
Expected Course Outcomes:							
On the successful completion of the course, student will be able to:							
1	Design collection for garments, Jewellery and accessories						K6
2	Plan fabrics and garments for large gatherings like wedding						K3
3	Analyse various themes and inspirations						K4
4	Understand the various factors influencing a design collection						K2
5	Create portfolio presentation for any collections						K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create							
Garment Design Collection with Theme and Inspiration							
							30 hours
Design a collection / range for the following (4 to 6 garments each)							
• Casual wear							
• Party wear							
• For a Season (any)							
• For a Festival (any)							
Jewellery and Accessories Collection with Theme and Inspiration							
							13 hours
• Design ornaments for the head, ear, neck, hand, finger, waist and any other special items like masks, kerchiefs and so on (2 collection)							
• Design handbags, purse, cellphone pouch and travel bag (2 collection)							
Design a Collection for a Wedding / Birthday Party or any Function (any 2)							
							15 hours
Note:							
Design collections can be done in computers or by hand							
Present all the collections as Portfolio with a minimum of 4 boards each							
Unit 6		Contemporary Issues					2 hours
Expert lectures, online seminars – webinars							
Total Lecture hours							60 hours
Text Books							
1	Portfolio Presentation for Fashion Designers, Linda Tain, Fairchild Publishers (1998)						
2	Fashion Design Drawing and Presentation, Patrick John Ireland, B T Batsford Ltd, 2006						
3	Creative Fashion Presentation, Polly Guerin, Fairchild Publishers, 1987						

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<b>Reference Books</b>	
1	New Encyclopedia of Fashion Details, Patrick John Ireland, Publisher: Pavilion Books, 2008
2	Check and Stripe: A Design-Source Book 2, Kyoto Shoin Company Ltd. 1992
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://issuu.com/theodoracucu/docs/portfolio_internship_ba">https://issuu.com/theodoracucu/docs/portfolio_internship_ba</a>
2	<a href="https://successfulfashiondesigner.com/fashion-portfolio/fashion-portfolio-checklist/">https://successfulfashiondesigner.com/fashion-portfolio/fashion-portfolio-checklist/</a>
<b>Course Designed By: Dr R Sheela John and Mrs K Catharine Francis</b>	

<b>Mapping with Programme Outcomes</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	S	S	S	S	S	L	L	M	L	M
<b>CO2</b>	S	S	S	S	S	S	M	S	L	S
<b>CO3</b>	S	S	S	S	S	L	L	L	L	S
<b>CO4</b>	S	S	S	S	S	M	L	L	L	S
<b>CO5</b>	M	M	S	M	M	M	L	L	L	S

\*S-Strong; M-Medium; L-Low



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Course code	4EP	BEAUTY CARE	L	T	P	C	
Elective – Practical			-	-	4	4	
Pre-requisite		Basic knowledge on health, hygiene, and beauty	Syllabus Version		2020-2021		
Course Objectives:							
The main objectives of this course are to: 1. Impart knowledge on beauty care 2. Enable oneself to help maintain personal care 3. Enhance their beauty through make up, hair styles and skin care							
Expected Course Outcomes:							
On the successful completion of the course, student will be able to:							
1	Understand and Maintain personal beauty and hygiene					K2	
2	Create new hair styles					K6	
3	Analyse the beauty products and their care					K4	
4	Present oneself with confidence and beauty					K2	
5	Apply the knowledge in fashion shows					K3	
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create							
1. Basics Treatments							20 hours
Threading Manicure Pedicure Mehandi application on hands							
2. Face Make up and Treatments							35 hours
Bleaching for normal skin Facial –Normal skin Basic Make up Bridal Make up							
3. Hair Styles and Treatments							33 hours
Basic Hair styles (any 5) Special Hair styles (any 2) Basic hair cuts Dandruff treatment Dye application for hair							
Contemporary Issues							2 hours
Expert lectures, online seminars - webinars							
Total Lecture hours						90 hours	
Text Books							
1	Green Beauty Recipes: Easy Homemade Recipes to Make Your Own Natural and Organic Skincare, Hair Care, and Body Care Products, Julie Gabriel, Petite Marie Limited, 2010						
2	Beauty: The Ultimate Cosmetic Makeover Guide. Book 1: Face and Skin						

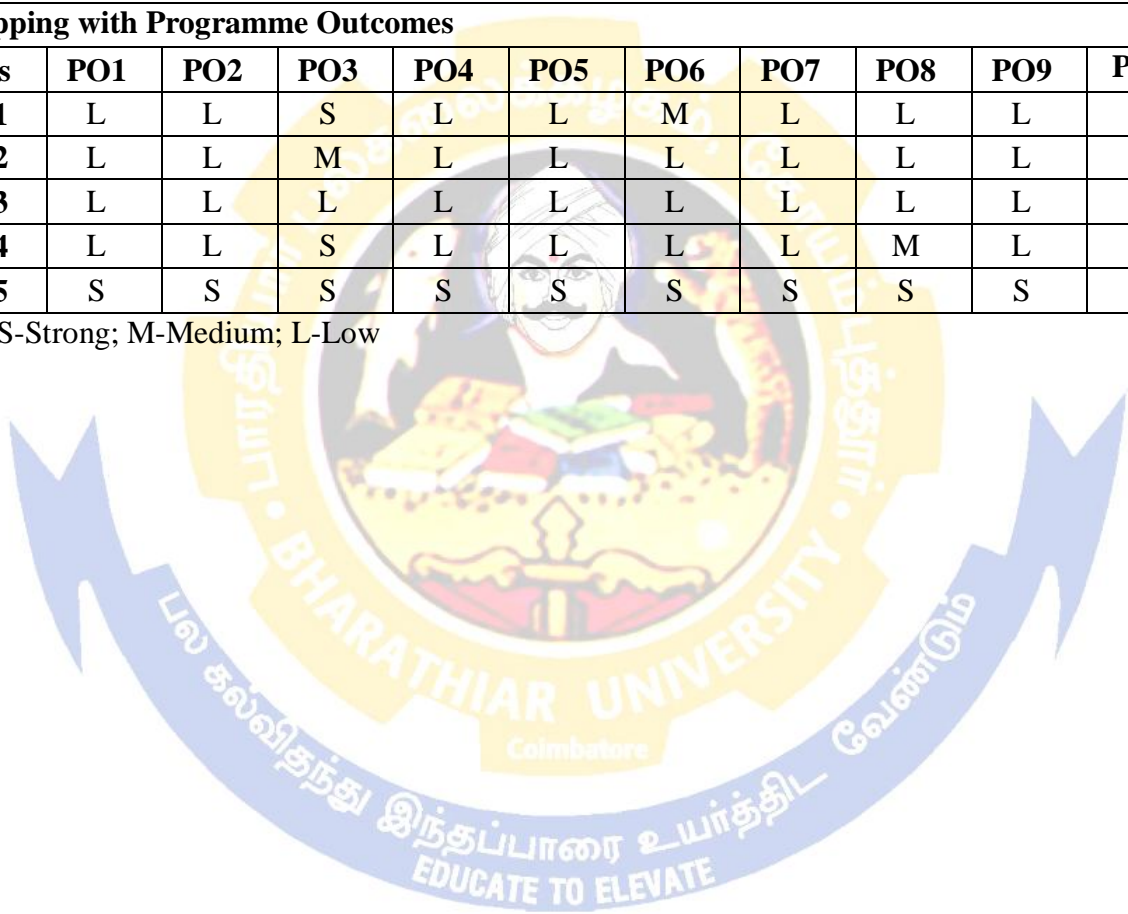


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	by Elizabeth M Reed, Published by Quillpen Pty Ltd, 2015
<b>Reference Book</b>	
1	Skin Deep by Bee Shapiro. Published by Harry N Abrams, 2017
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.youtube.com/watch?v=9xpUtH7S9tI">https://www.youtube.com/watch?v=9xpUtH7S9tI</a>
2	<a href="https://www.bebeautiful.in/all-things-skin/everyday/steps-to-do-facial-at-home">https://www.bebeautiful.in/all-things-skin/everyday/steps-to-do-facial-at-home</a>
3	<a href="https://www.marieclaire.com/beauty/hair/how-to/g2614/10-easy-quick-hairstyles-in-10-seconds/">https://www.marieclaire.com/beauty/hair/how-to/g2614/10-easy-quick-hairstyles-in-10-seconds/</a>
<b>Course Designed By:</b> Dr R Sheela John and Dr S Jayapriya	

Mapping with Programme Outcomes										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	L	L	S	L	L	M	L	L	L	S
CO2	L	L	M	L	L	L	L	L	L	S
CO3	L	L	L	L	L	L	L	L	L	S
CO4	L	L	S	L	L	L	L	M	L	S
CO5	S	S	S	S	S	S	S	S	S	S

\*S-Strong; M-Medium; L-Low



**M. Sc. Costume Design and Fashion 2021-22 onwards - Affiliated Colleges –  
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Course code	4EQ	FASHION PHOTOGRAPHY	L	T	P	C
Elective – Practical			-	-	4	4
Pre-requisite		Aware of the significance of presentation of garments through digital medias	Syllabus Version		2020-2021	
Course Objectives:						
The main objectives of this course are to: 1. Acquire photography skills 2. Gain insights on the nuances of videography 3. Gain knowledge on the media planning						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
1	Understand the parts and functions of a camera					K2
2	Develop professional photographs using varied techniques and methods of photo shoot					K6
3	Analyse the video capturing and editing methods					K4
4	Discover the intricacies of media planning					K3
5	Create fashion photographs and videos and present the same effectively in medias					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						
Shoot the Following Photographs in Different Perspectives and Backgrounds (10 each)						30 hours
<ul style="list-style-type: none"><li>Product photography</li><li>Modelling photography</li><li>Indoor and Outdoor photography</li></ul>						
Demonstrate the Following						30 hours
<ul style="list-style-type: none"><li>Video Capturing and editing</li><li>Video and audio mixing</li><li>Add Film making.</li></ul>						
Create the Following in the Computers						28 hours
<ul style="list-style-type: none"><li>Brand Name and Logo design</li><li>Image editing and special effect</li><li>Design packing for the brand</li><li>Logo Animation</li><li>Product Animation</li><li>Web designing</li><li>Story Board</li></ul>						
Contemporary Issues					2 hours	
Expert lectures, online seminars – webinars						
Total Lecture hours					90 hours	

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<b>Text Books</b>	
1	Fashion Photography: A Complete guide to the Tools and Techniques of the Trade, Bruce Smith, Amphoto Books, 2008.
2	Writing for Visual Media, Anthony Friedmann, 2010.
<b>Reference Books</b>	
1	A Different Vision on Fashion Photography, Thierry-Maxime Lorit, 2016.
2	Mics, Cameras, Symbolic Action: Audio-Visual Rhetoric for Writing Teachers, Scott K. Halberitter, 2012
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://fashionphotographersmumbai.com/blog/2019/06/07/types-fashion-photography/">https://fashionphotographersmumbai.com/blog/2019/06/07/types-fashion-photography/</a>
2	<a href="https://www.digilanguages.ie/visual-media-and-multimedia-literacy-what-is-it">https://www.digilanguages.ie/visual-media-and-multimedia-literacy-what-is-it</a>
<b>Course Designed By: Dr R Sheela John and Mrs K Catharine Francis</b>	

<b>Mapping with Programme Outcomes</b>										
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10
CO1	L	L	L	S	L	L	L	L	L	S
CO2	L	M	M	S	L	L	L	S	L	S
CO3	L	L	S	L	L	L	L	S	L	S
CO4	L	L	S	M	M	S	M	S	M	S
CO5	M	M	S	S	M	S	S	S	L	S

\*S-Strong; M-Medium; L-Low

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Course code	4ER	HOME FURNISHING	L	T	P	C	
Elective – Practical			-	-	4	4	
Pre-requisite		Knowledge on types of home textiles	Syllabus Version		2020-2021		
Course Objectives:							
The main objectives of this course are to:							
1. Learn the types of Home furnishing products							
2. Design products with suitable fabrics							
3. Create home furnishing products related with suitable techniques							
Expected Course Outcomes:							
On the successful completion of the course, student will be able to:							
1	Create bedlinens, table linen, kitchen linen, window dressings					K6	
2	Modify the ambience of the room for good					K5	
3	Develop home textile collection for different age groups and special people's needs					K6	
4	Develop home textile collection according to the needs of adaptive people and patients					K6	
5	Select fabrics and accessories to suit the need and item					K3	
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create							
Design and Construct the Following Items							40 hours
• Bed linens – Bed spreads with pillow covers, Quilts, bed covers							
• Table linens – Tablecloth, Runner and Place mats							
• Kitchen linens – Apron, Pot holder, Breadbasket, Mittens							
• Window Dressings – Curtain and draperies (2 types each)							
• Wall-hanging, door-hanging, door mats (2 types each)							
Design and Construct the Home Furnishing Items for the Following							48 hours
• Guest room.							
• Bedding for newborn baby.							
• Children's room (boys or girls).							
• To suit an individual's taste or desire (Male or Female).							
Unit 6		Contemporary Issues			2 hours		
Expert lectures, online seminars – webinars							
					Total Lecture hours		90 hours
Text Books							
1	Home Comforts-The Arts and Science of keeping home, Cheryl Mendelson, published by 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 McCormick Gordon, Collins and Brown, London, 2002						

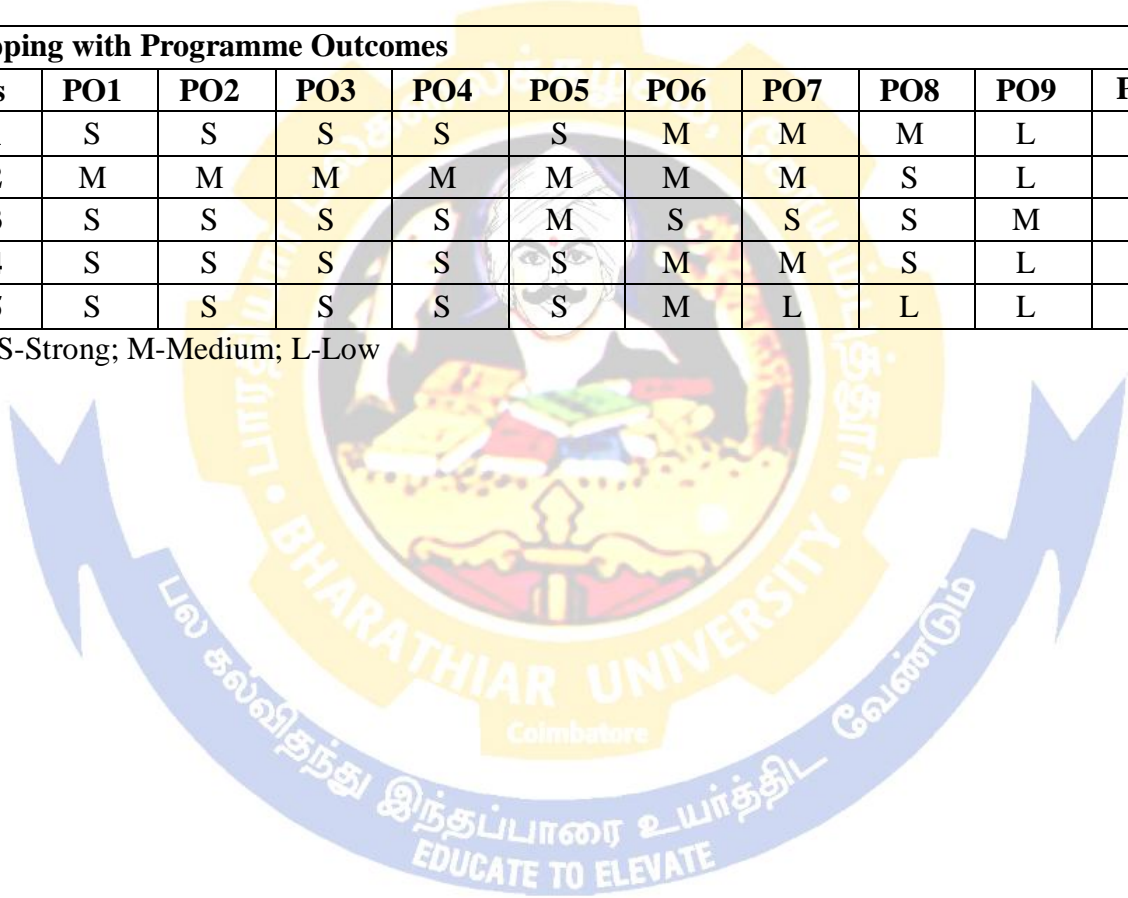


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<b>Reference Books</b>	
1	Design and make curtains by Heather Luke, published by New Holland publishers, London, 1999
2	Art and craft of fabric decoration-Juliet Bawden, published in London, 1994
3	Cornucopia of cushions, Susie Johns, published by Apple Press, London, 1997
<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>
<b>Course Designed By: Dr R Sheela John and Mrs K Catharine Francis</b>	

<b>Mapping with Programme Outcomes</b>										
<b>COs</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>P10</b>
<b>CO1</b>	S	S	S	S	S	M	M	M	L	L
<b>CO2</b>	M	M	M	M	M	M	M	S	L	L
<b>CO3</b>	S	S	S	S	M	S	S	S	M	L
<b>CO4</b>	S	S	S	S	S	M	M	S	L	L
<b>CO5</b>	S	S	S	S	S	M	L	L	L	L

\*S-Strong; M-Medium; L-Low





# Job Oriented Certificate Course

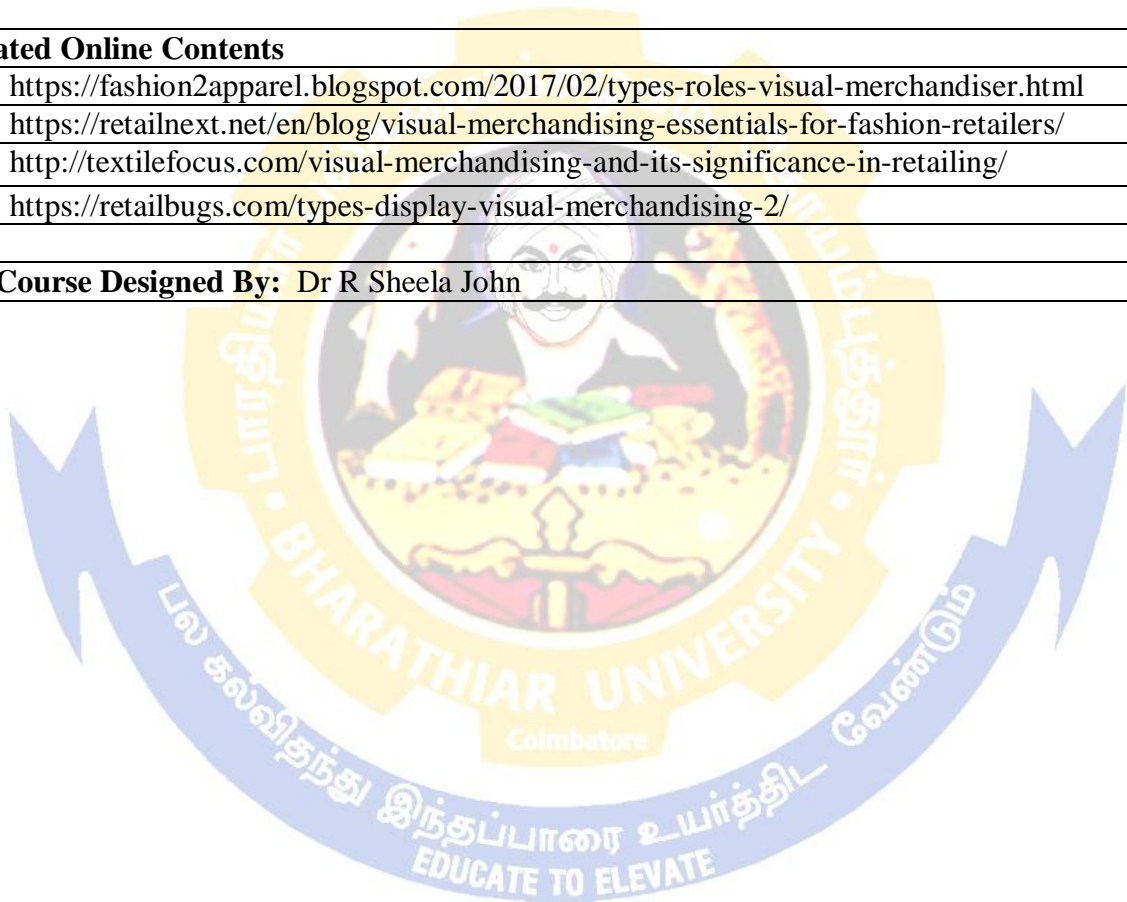
**JOB ORIENTED COURSE**

**VISUAL MERCHANDISER**

JOB ORIENTED COURSE		
VISUAL MERCHANDISER		
Name of the Department		Costume Design and Fashion
Inter / Intra Department Course		Inter/Intra Department Course
Duration of the Course		60 hours
Eligibility		12 <sup>th</sup> Standard
Number of Candidates to be Admitted		25 to 30
Mode of the Course		Regular
Collaboration with Company (if Yes, Full Address of the Company Address, Name of the Contact Person, Phone, e-mail etc.)		-----
Registration Procedure		By contacting the department through email or in person.
Job Opportunities: Visual Merchandiser in Retail outlets and Boutiques		
The Objectives of the Course are:		
The main objectives of this course are to:		
1	Acquire knowledge on Visual Merchandising techniques.	
2	Understand the different types of display.	
3	Understand the trends in display.	
4	Design and Develop innovative displays	
5	Analyse the displays in national and international branded retail outlets.	
Course Content		Lecture and Field Visits
Module 1	Introduction to Visual merchandising and elements of displays and store layouts – Theory	4 hours
Module 2	Field visit - Study of store layouts – visit to any 10 retail outlets	8 hours
Module 3	Reporting and discussion of types of layouts– Theory	3 hours
Module 4	Learn about window displays – routine, special occasions, seasons and festivals	4 hours
	Field visit - Study of window displays – visit any 10 outlets	8 hours
Module 5	Reporting and discussion on types of window displays– Theory	3 hours
Module 6	Learn about interior, exterior and point of purchase displays– Theory	3 hours
Module 7	Field visit – study of interior, exterior and point of purchase displays	8 hours
Module 8	Reporting and discussion - interior, exterior and point of purchase displays	3 hours
Module 9	Analyse interior / Exterior display after a detailed analysis of national and international brands – Collection of literature from books, magazines and websites – Assignment	8 hours
Module 10	Create / Present a Visual display	8 hours

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<b>Text Books</b>	
1	Visual Merchandising for Fashion, Sarah Bailey and Jonathan Baker, Bloomsberry Publishing, 2014.
2	Visual Merchandising and Display, 6 <sup>th</sup> Edition, Martin M Pegler, Fairchild books, UK, 2011.
<b>Reference Books</b>	
1	New Trends in Visual Merchandising – Retail Display that Encourage Buying, Judy Shepard, Harper Design Publishers, 2013
2	The Business of Fashion Inside Outside, 7 <sup>th</sup> Edition, Kitty Dickerson, Pearson's Publishing, 2003
<b>Related Online Contents</b>	
1	<a href="https://fashion2apparel.blogspot.com/2017/02/types-roles-visual-merchandiser.html">https://fashion2apparel.blogspot.com/2017/02/types-roles-visual-merchandiser.html</a>
2	<a href="https://retailnext.net/en/blog/visual-merchandising-essentials-for-fashion-retailers/">https://retailnext.net/en/blog/visual-merchandising-essentials-for-fashion-retailers/</a>
3	<a href="http://textilefocus.com/visual-merchandising-and-its-significance-in-retailing/">http://textilefocus.com/visual-merchandising-and-its-significance-in-retailing/</a>
4	<a href="https://retailbugs.com/types-display-visual-merchandising-2/">https://retailbugs.com/types-display-visual-merchandising-2/</a>
<b>Course Designed By: Dr R Sheela John</b>	





**JOB ORIENTED COURSE**

EXPORT MERCHANDISING		
Name of the Department		Costume Design and Fashion
Inter / Intra Department Course		Inter/Intra Department Course
Duration of the Course		60 hours
Eligibility		12 <sup>th</sup> Standard
Number of Candidates to be Admitted		25
Mode of the Course		Regular
Collaboration with Company (if Yes, Full Address of the Company Address , Name of the Contact Person, Phone, e-mail etc.)		-
Registration Procedure		By contacting the department through email or in person.
Job Opportunities: Merchandiser in a garment export unit		
The Objectives of the Course are:		
The main objectives of this course are to:		
1	Understanding co-ordination, follow up and facilitation functions of a merchandiser in an export house.	
2	learn the process sequence in execution of order	
3	Significance in quality assurance	
4	Gain practical insights through internship training	
Course Content		Lecture and Internship
Module 1	Role of merchandiser in apparel export industry	5 hours
Module 2	Sampling and scheduling	5 hours
Module 3	Different departments involved in the unit	5 hours
Module 4	Process of order Execution,	5 hours
Module 5	Sourcing - BOM, Export license, Export documentation	5 hours
Module 6	Quality assurance	5 hours
Module 7	International Trade Practices, Procedures and Management.	5 hours
Module 8	Internship (3 days)	18 hours
Module 9	Internship- Submission of Report	5 hours
Module 10	Presentation of Report and discussion/ evaluation	2 hours
Text Books		
1	Apparel Merchandising, Robin Mathew, Enclave Publishers, 2008	
2	Merchandise Buying and Management, John Donnellan, Fairchild Books 2013	
Reference Book		
1	Fashion Marketing, by Mike Easey, Wiley black well publications, 2009	

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<b>Related Online Contents</b>	
1	<a href="https://www.fibre2fashion.com/industry-article/4469/garment-merchandising-and-export-procedures">https://www.fibre2fashion.com/industry-article/4469/garment-merchandising-and-export-procedures</a>
2	<a href="http://textilemerchandising.com/merchandising-procedure-export-order/">http://textilemerchandising.com/merchandising-procedure-export-order/</a>
3	<a href="https://textilelearner.blogspot.com/2012/05/flow-chart-of-merchandising-working.html">https://textilelearner.blogspot.com/2012/05/flow-chart-of-merchandising-working.html</a>
	<b>Course Designed By:</b> Mrs.S.Kokilavani



**JOB ORIENTED COURSE**

ADVANCED TECH PACK DESIGNING		
Name of the Department		Costume Design and Fashion
Inter / Intra Department Course		Inter/Intra Department Course
Duration of the Course		60 hours
Eligibility		Graduates in the field of Fashion and Textiles
Number of Candidates to be Admitted		25
Mode of the Course		Regular
Collaboration with Company (if Yes, Full Address of the Company Address, Name of the Contact Person, Phone, e-mail etc.)		Students have to identify a suitable fashion house for field work
Registration Procedure		By contacting the department through email or in person.
Job Opportunities: Fashion Designer, Tech Pack Designer in apparel industry, Freelancer.		
The Objectives of the Course are: The main objectives of this course are to:		
1	To be able to work as technical fashion designer	
2	To be able to create tech pack	
3	Analyse tech pack details	
4	Understand and implement the color separation process.	
5	To coordinate with the customer / buyer effectively	
Course Content		Practical classes followed by internship
Module 1	Cover page and measurement specifications	4 hours
Module 2	Technical drawing and rendering	8 hours
Module 3	Pattern and construction details	4 hours
Module 4	Apparel artwork design	6 hours
Module 5	Branding design	8 hours
Module 6	Internship (Students have to take visit and submit detailed report and with tech pack)	30 hours
Text Books		
1	Technical Sourcebook for Designers, Jaeil Lee, Camile Steen, Fairchild Books, New York, 2009.	
2	The Apparel Design and Production Hand Book, Fashionindex Incorporation, Fairchild Books, New York, 1999.	
Reference Books		
1	Garment Manufacturing: Process, Practices and Technology, Prasanta Sarkar, 2015.	
Related Online Contents		
1	<a href="https://techpacker.com/blog/design/what-is-a-techpack/">https://techpacker.com/blog/design/what-is-a-techpack/</a>	
2	<a href="https://www.thaisnspgarment.com/FAQ/what-is-a-garment-tech-pack.html">https://www.thaisnspgarment.com/FAQ/what-is-a-garment-tech-pack.html</a>	
3	<a href="https://thefashionbusinesscoach.com/blog/whatisatechpack">https://thefashionbusinesscoach.com/blog/whatisatechpack</a>	
Course Designed By: Ms. Arundhati Ghoshal		



# Value Added Course



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**VALUE ADDED COURSE**

PATCH WORK TECHNIQUES		
Name of the Department		Costume Design and Fashion
Inter / Intra Department Course		Inter / Intra Department Course
Duration of the Course		40 hours
Eligibility		12 <sup>th</sup> Standard with basic tailoring skills
Number of Candidates to be Admitted		25 to 35
Registration Procedure		By contacting the department through email or in person.
Job Opportunities:		
1. Freelance designer – Home textiles and garments with patchwork and quilts.		
2. Entrepreneur – Create patch work garments and home textiles and market the same		
The objectives of the Course are:		
The main objectives of this course are to:		
1	To learn methods of creating patch work	
2	Apply the patch work techniques in Home textiles	
3	Create Home textiles and garments with patchwork.	
Course Content		Lecture / Practical
Module 1	Learn the types of patch work (theory)	2 hours
Module 2	Create samples for patchwork (Practical)	4 hours
Module 3	Learn the types of Home textiles (Theory)	2 hours
Module 4	Design and construct a wall hanger / Runner / Placemats with Patch work (Practical)	2 hours
Module 5	Design and construct a bedlinen/ table linen with Patch work (Practical)	4 hours
Module 6	Learn different styles of children and women garment (Theory)	2 hours
Module 7	Design and construct a child garment with patch work (Practical)	3 hours
Module 8	Design and construct a women garment with patch work (Practical)	4 hours
Module 9	Field visit – Visit shops (Home textiles and garments) to familiarize with latest trends in fabrics and styles	3 hours
Module 10	Design a collection of home textiles and garments with a theme / inspiration and present the same as Portfolio (Practical)	4 hours
	Total Hours	30 Hours
Text Books		
1	Patchwork Quilting: A Maker's Guide, by Victoria Albert Museum, Published by Thames Hudson, 2018	
2	Crazy Patchwork, Janet Haigh, Published by McGraw-Hill Companies, 1988	
Reference Books		
1	Anything Book Fabric: Patch Work, Random House, Published by Random House, Inc, 1991	
2	Strip Patch-Work, Valerie Campbell-Harding, Published by Dover Publications, 1988	

Related Online Contents	
1	<a href="https://www.fibre2fashion.com/industry-article/4153/fashion-with-pieces-of-cloth-patchwork">https://www.fibre2fashion.com/industry-article/4153/fashion-with-pieces-of-cloth-patchwork</a>
2	<a href="https://sewguide.com/types-of-quilts/">https://sewguide.com/types-of-quilts/</a>
	<b>Course Designed By: Dr R Sheela John</b>



**VALUE ADDED COURSE**

RESIST PRINTING		
Name of the Department		Costume Design and Fashion
Inter / Intra Department Course		Inter / Intra Department Course
Duration of the Course		40 hours
Eligibility		12 <sup>th</sup> Standard
Number of Candidates to be Admitted		20-25
Registration Procedure		By contacting the department through email or in person.
Job Opportunities:		
1. Entrepreneur – Create products using Batik and tie dye and market the same		
The objectives of the Course are:		
The main objectives of this course are to:		
1	To understand the process and techniques involved in Resist printing	
2	Apply the Resist printing techniques on fabrics	
3	Create wall hangings, home textiles / dress materials using batik and tie dye.	
Course Content		Lecture / Practical
Module 1	Learn the tools and techniques of batik printing (Theory)	2 hours
Module 2	Create samples for batik printing (Practical)	4 hours
Module 3	Learn the tools and techniques of Tie and Dye (Theory)	2 hours
Module 4	Create samples for Tie and dye (Practical)	3 hours
Module 5	Design and print a wall hanging/ dress material using Batik-Single colour (Practical)	3 hours
Module 6	Design and print a wall hanging/ dress material using Batik-Double colour (Practical)	3 hours
Module 7	Design and dye a shawl using tie and dye (Practical)	3 hours
Module 8	Design and dye a home furnishing article using tie and dye (Practical)	2 hours
Module 9	Design and dye a sari or a dress material using Tie and dye (Practical)	5 hours
Module 10	Field visit – Visit tie and dye or batik printing units to familiarize with industrial techniques of resist printing	3 hours
	Total Hours	30 Hours
Text Books		
1	Batik and tie dye techniques, Nancy Belfer, Courier corporation, 1992	
Reference Book		
1	Batik, Tie Dyeing, Stenciling, Silk Screen, Block Printing: The Hand Decoration of Fabrics, Francis.J.Kafka , Dover publications,1973	

Related Online Contents	
1	<a href="https://www.simplicol.de/en/batik-basics-master">https://www.simplicol.de/en/batik-basics-master</a>
2	<a href="http://eacharya.inflibnet.ac.in/data-server/eacharya-documents/53e0c6cbe413016f234436ed_INFIEP_8/112/ET/unit-3%20Lesson%207.pdf">http://eacharya.inflibnet.ac.in/data-server/eacharya-documents/53e0c6cbe413016f234436ed_INFIEP_8/112/ET/unit-3%20Lesson%207.pdf</a>
3	<a href="http://eacharya.inflibnet.ac.in/data-server/eacharya-documents/53e0c6cbe413016f234436ed_INFIEP_8/115/ET/unit-4%20Lesson%2010.pdf">http://eacharya.inflibnet.ac.in/data-server/eacharya-documents/53e0c6cbe413016f234436ed_INFIEP_8/115/ET/unit-4%20Lesson%2010.pdf</a>
<b>Course Designed By:</b> Dr.S.Karpagam Chinnammal	





**VALUE ADDED COURSE**

**FASHION JEWELRY**

<b>Name of the Department</b>		Costume Design and Fashion
<b>Inter / Intra Department Course</b>		Inter / Intra Department Course
<b>Duration of the Course</b>		40 hours
<b>Eligibility</b>		12 <sup>th</sup> Standard
<b>Number of Candidates to be Admitted</b>		25 to 35
<b>Registration Procedure</b>		By contacting the department through email or in person.
<b>Job Opportunities:</b>		
<ul style="list-style-type: none"> <li>Freelance designer – Create Jewelry Designs</li> <li>Entrepreneur – Create Various Jewelry and market the same</li> </ul>		
<b>The objectives of the Course are:</b>		
<b>The main objectives of this course are to:</b>		
1	To learn techniques of creating jewelry	
2	Apply the techniques to create ear rings, chains/ necklace and bracelet / bangles	
3	Create Fashion Jewelry Set	
<b>Course Content</b>		Practical with Record and Final Presentation
<b>Module 1</b>	Learn the technique of creating jewelry with quilling paper (Theory)	<b>2 hours</b>
<b>Module 2</b>	Create earrings, chains/necklace, and bracelet/ bangle with quilling paper	<b>4 hours</b>
<b>Module 3</b>	Learn the technique of creating jewelry with silk thread (Theory)	<b>2 hours</b>
<b>Module 4</b>	Create earrings, chains/ necklace, and bracelet/ bangle with silk thread	<b>4 hours</b>
<b>Module 5</b>	Learn the techniques of creating jewelry with beads (Theory)	<b>2 hours</b>
<b>Module 6</b>	Create earrings, chains/ necklace, and bracelet/ bangle with bead	<b>4 hours</b>
<b>Module 7</b>	Learn the techniques of creating jewelry with terracotta (Theory)	<b>2 hours</b>
<b>Module 8</b>	Create earrings, chains/ necklace, and bracelet/ bangle with terracotta	<b>4 hours</b>
<b>Module 9</b>	Learn new innovative techniques of creating jewelry (Theory)	<b>2 hours</b>
<b>Module 10</b>	Create earrings, chains/ necklace, and bracelet/ bangle with new innovative technique	<b>4 hours</b>
	Final Presentation – Take photographs of the jewelry created and submit the same in the form of an album	
	<b>Total Hours</b>	<b>30 Hours</b>
<b>Text Books</b>		
1	Designing Jewelry with Glass Beads, Stephanie Sersich, Published by Interweave Press, 2008	
2	The Encyclopedia of Jewelry-Making Techniques, Jinks McGrath. Published by Running Press Adult, 1995	

Reference Book	
1	Earrings, Earrings, Earrings!, Barb Sprunger, Published by House of White Birches, 2009
2	Wild Jewellery, Sarah Drew, Published by Jacqui Small, 2012
Related Online Contents	
1	<a href="https://www.halsteadbead.com/articles/handmade-jewelry-types-and-techniques">https://www.halsteadbead.com/articles/handmade-jewelry-types-and-techniques</a>
2	<a href="https://www.fusionbeads.com/techniques">https://www.fusionbeads.com/techniques</a>
3	<a href="https://www.youtube.com/watch?v=4jNCJm3j0ec&amp;t=18s">https://www.youtube.com/watch?v=4jNCJm3j0ec&amp;t=18s</a>
<b>Course Designed By: Dr R Sheela John</b>	



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**VALUE ADDED COURSE**

**FASHION JOURNALISM**

FASHION JOURNALISM		
Name of the Department		Costume Design and Fashion
Inter / Intra Department Course		Inter / Intra Department Course
Duration of the Course		40 hours
Eligibility		Graduates in the field of fashion and textiles
Number of Candidates to be Admitted		25
Collaboration with Company (if Yes, Full Address of the Company Address, Name of the Contact Person, Phone, e-mail etc.)		Students have to identify a suitable studio/retail house or individual fashion stylist for field work
Registration Procedure		By contacting the department through email or in person.
Job Opportunities: Fashion Designer, Fashion Journalist, Fashion Stylist.		
The objectives of the Course are:		
The main objectives of this course are to:		
1	To be able to work as a freelance designer	
2	To be able to work in a design studio as a designer with different fashion media	
3	To be able to work as a fashion journalist in Indian or International fashion world	
4	To be able to work as a fashion stylist	
5	To be able to groom customers	
Course Content		Lecture / Practical / Project / Internship
Module 1	Introduction to fashion journalism, concepts & elements, scope of fashion journalism	2 hours
Module 2	Fashion content writing and editing	2 hours
Module 3	Fashion journalism media and its roles	2 hours
Module 4	Introduction and concept of fashion styling with changing cultural and fashion trends	2 hours
Module 5	Various styling and grooming presentation	2 hours
Module 6	Internship (Students will take an in-depth visit and training to fashion studios / fashion house, individual fashion stylist and after completion, they will be submitting a report, magazine on contemporary trends and styling)	20 hours
		Total Marks
		30 Marks
Text Books		
1	Fashion Journalism: History, Theory and Practice, Dr. Sanda Miller, Peter McNeil, Bloomsbury Academic, New York, 2018.	
2	Fashion Journalism, Julie Bradford, Routledge Publishing, New York, 2019.	
Reference Book		
1	The History of Fashion Journalism, Kate Nelson Best, Bloomsbury Academic, New York, 2017.	

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Related Online Contents	
1	<a href="https://en.wikipedia.org/wiki/Fashion_journalism">https://en.wikipedia.org/wiki/Fashion_journalism</a>
2	<a href="https://www.encyclopedia.com/fashion/encyclopedias-almanacs-transcripts-and-maps/fashion-journalism">https://www.encyclopedia.com/fashion/encyclopedias-almanacs-transcripts-and-maps/fashion-journalism</a>
3	<a href="https://en.wikipedia.org/wiki/Modern_Fashion_Journalism#:~:text=Fashion%20Journalism%20consists%20of%20several,events%2C%20such%20as%20fashion%20week.">https://en.wikipedia.org/wiki/Modern_Fashion_Journalism#:~:text=Fashion%20Journalism%20consists%20of%20several,events%2C%20such%20as%20fashion%20week.</a>
<b>Course Designed By:</b> Ms. Arundhati Ghoshal	







# Online Courses

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**ONLINE COURSES  
SWAYAM/ MOOCS/ NPTEL**

**LIST OF PRESCRIBED COURSES**

SNo	Course Name	SME Name	Institute	Course Duration	Timeline	URL
1.	Elements of Visual Representation	By Prof. Shatarupa Thakurta Roy	IIT Kanpur	8 weeks	14 Sep to 06 Nov 2020	<a href="https://onlinecourses.nptel.ac.in/no c20_hs81/preview">https://onlinecourses.nptel.ac.in/no c20_hs81/preview</a>
2.	Technical Textiles	Prof. Apurba Das	IITD	12 Weeks	Sep 14 to Dec 4 2020	<a href="https://onlinecourses.nptel.ac.in/no c20_te06/preview">https://onlinecourses.nptel.ac.in/no c20_te06/preview</a>
3.	Science of Clothing Comfort	Prof. Apurba Das	IITD	12 Weeks	Sep 14 to Dec 4 2020	<a href="https://onlinecourses.nptel.ac.in/no c20_te07/preview">https://onlinecourses.nptel.ac.in/no c20_te07/preview</a>
4.	Science and Technology of Weft and Warp Knitting	Prof. Bipin kumar	IITD	12 Weeks	Sep 14 to Dec 4 2020	<a href="https://onlinecourses.nptel.ac.in/no c20_te08/preview">https://onlinecourses.nptel.ac.in/no c20_te08/preview</a>
5.	Textile Finishing	Prof. Kushal Sen	IITD	12 Weeks	Sep 14 to Dec 4 2020	<a href="https://onlinecourses.nptel.ac.in/no c20_te09/preview">https://onlinecourses.nptel.ac.in/no c20_te09/preview</a>
6.	Principles of Combing, Roving preparation & Ring spinning	Prof. R. Chattopadhyay	IITD	12 Weeks	Sep 14 to Dec 4 2020	<a href="https://onlinecourses.nptel.ac.in/no c20_te10/preview">https://onlinecourses.nptel.ac.in/no c20_te10/preview</a>
7.	Yarn manufacture I: Principle of Carding and Drawing	Prof. R. Chattopadhyay	IITD	8 Weeks	Sep 14 to Nov 6 2020	<a href="https://onlinecourses.nptel.ac.in/no c20_te11/preview">https://onlinecourses.nptel.ac.in/no c20_te11/preview</a>
8.	Functional and Conceptual Design	Prof. Asokan T	IIT Madras	12 weeks	Jul-Oct 2020	<a href="https://onlinecourses.nptel.ac.in/no c20_de10/preview">https://onlinecourses.nptel.ac.in/no c20_de10/preview</a>
9.	Academic Writing	Dr Ajay Semalty	HNB Garhwal University	15 weeks	Jul-Nov 2020	<a href="https://onlinecourses.swayam2.ac.in/cec20_ge29/preview">https://onlinecourses.swayam2.ac.in/cec20_ge29/preview</a>
10.	Consumer Psychology	Prof. Naveen Kashyap	IIT Guwahati	8 weeks	14 Sep-6Nov 2020	<a href="https://onlinecourses.nptel.ac.in/no c19_hs64/preview">https://onlinecourses.nptel.ac.in/no c19_hs64/preview</a>
11.	Developing Soft Skills and Personality	Prof. T. Ravichandran	IIT Kanpur	8 weeks	14 Sep-6Nov 2020	<a href="https://onlinecourses.nptel.ac.in/no c19_hs32/preview#:~:text=The%w#">https://onlinecourses.nptel.ac.in/no c19_hs32/preview#:~:text=The%w#</a>

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SNo	Course Name	SME Name	Institute	Course Duration	Timeline	URL
						20course% 20aim s% 20to% 20cause ,in% 20one's% 20li fe% 20and% 20car eer.
12.	Consumer Buying Behaviour	Prof. Ashish Hathi	L.N. Welingkar Institute of Management Development & Research	8 weeks	14 Sep- 6Nov 2020	<a href="https://onlinecourses.swayam2.ac.in/imb20_mg20/pr eview">https://onlinecourses.swayam2.ac.in/imb20_mg20/pr eview</a>
13.	Research Ethics	Shri Manoj Kumar K	Central University of Himachal Pradesh	15 weeks	13 Jul-25 Oct 2020	<a href="https://onlinecourses.swayam2.ac.in/ugc19_ge04/pre view">https://onlinecourses.swayam2.ac.in/ugc19_ge04/pre view</a>
14.	Customer Relationship Management	Prof. Swagato Chatterjee	IIT Kharagpur	8 weeks	14 Sep- 6 Nov 2020	<a href="https://onlinecourses.swayam2.ac.in/imb19_mg10/pr eview">https://onlinecourses.swayam2.ac.in/imb19_mg10/pr eview</a>
15.	Development Research Methods	Prof. Rajshree Bedamatta	IIT Guwahati	8 weeks	14 Sep- 6 Nov 2020	<a href="https://onlinecourses.nptel.ac.in/no c19_hs59/previe w">https://onlinecourses.nptel.ac.in/no c19_hs59/previe w</a>
16.	Entrepreneurship and IP strategy	Prof. Gouri Gargate	IIT Kharagpur	8 weeks	14 Sep- 6 Nov 2020	<a href="https://onlinecourses.nptel.ac.in/no c20_hs66/previe w">https://onlinecourses.nptel.ac.in/no c20_hs66/previe w</a>
17.	Computer Fundamentals	Prof. Sanjay Tanwani	Devi Ahilya Viswavidyalaya, Indore	12 weeks	18 Jun – 31 Oct 2020	<a href="https://onlinecourses.swayam2.ac.in/cec19_cs06/pre view">https://onlinecourses.swayam2.ac.in/cec19_cs06/pre view</a>
18.	Introduction to Retail Management	Ashis Mishra	Indian Institute of Management Bangalore	6 weeks	15 May- 14 Dec 2020	<a href="https://onlinecourses.swayam2.ac.in/imb19_mg02/pr eview">https://onlinecourses.swayam2.ac.in/imb19_mg02/pr eview</a>
19.	Management of Human Resources	Dr. Nayantara Padhi	Indira Gandhi National Open University	16 weeks	15 Aug -	<a href="https://onlinecourses.swayam2.ac.in/nou20_mg02/pr eview#:~:text=H uman%20Resour ce%20Manageme">https://onlinecourses.swayam2.ac.in/nou20_mg02/pr eview#:~:text=H uman%20Resour ce%20Manageme</a>

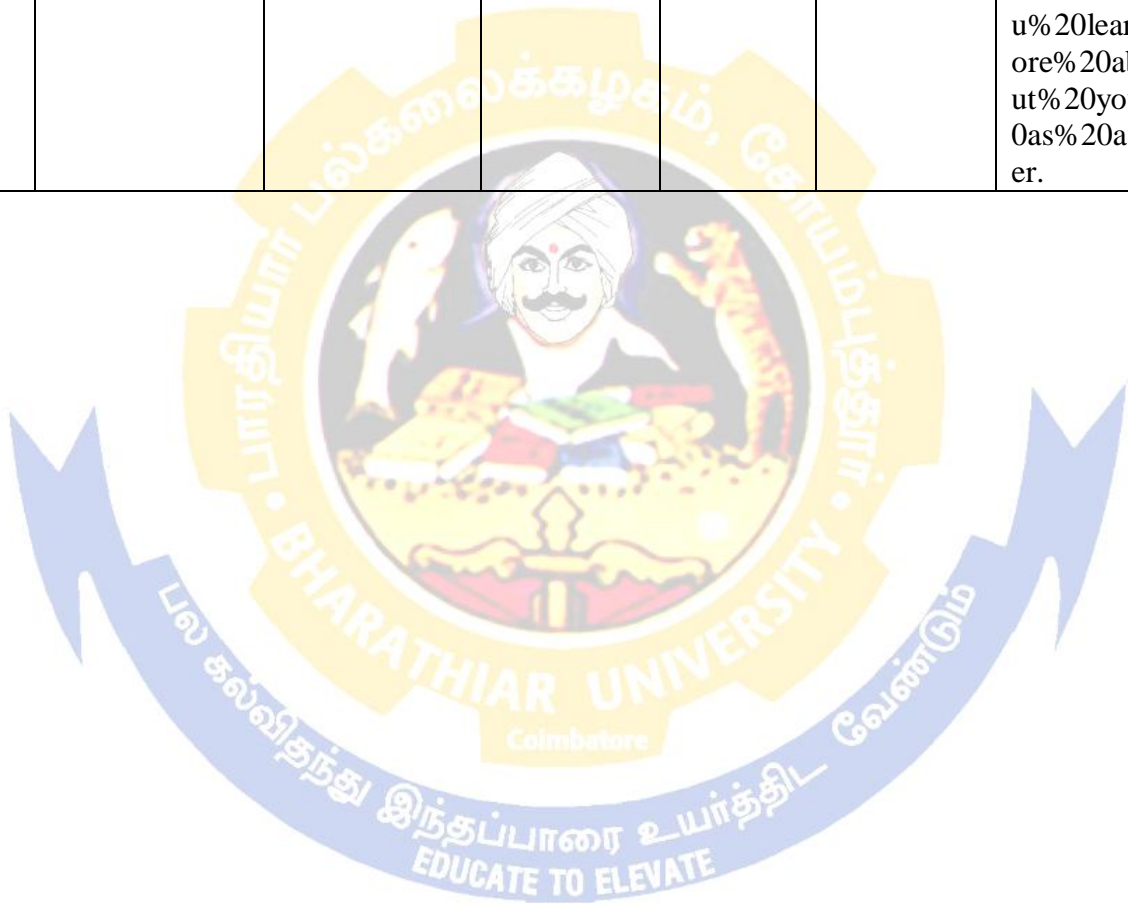
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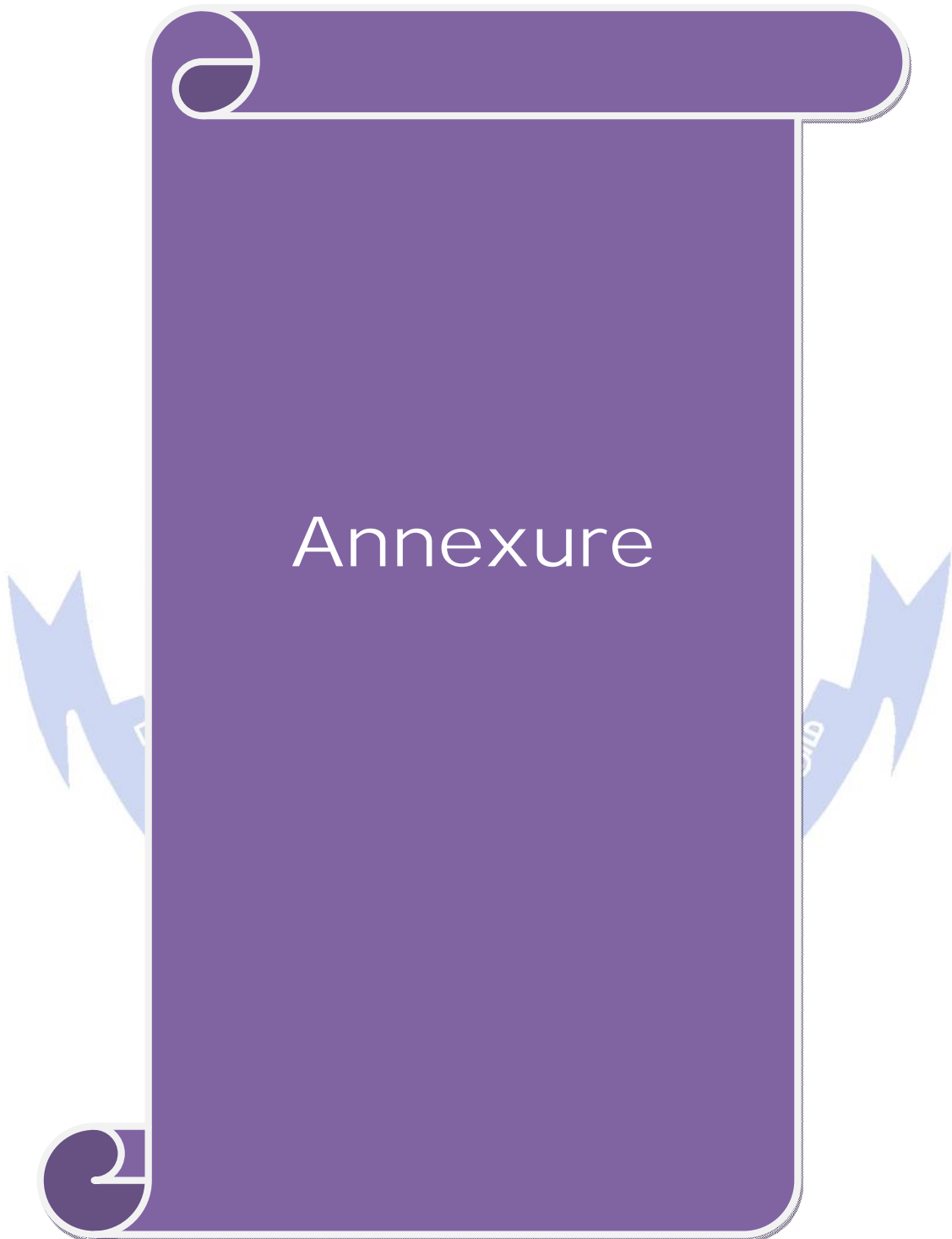
SNo	Course Name	SME Name	Institute	Course Duration	Timeline	URL
						nt%20links%20people,HRM%20concepts%2C%20techniques%20and%20issues.
20.	Production Management	Dr. Ashish Agarwal	Indira Gandhi National Open University	16 weeks	15 Jul – 31 Oct 2020	<a href="https://onlinecourses.swayam2.ac.in/nou20_cs07/preview">https://onlinecourses.swayam2.ac.in/nou20_cs07/preview</a>
21.	Rapid Manufacturing	Prof. J. Ramkumar, Prof. Amandeep Singh	IIT Kanpur	12 weeks	14 Sep – 4 Dec 2020	<a href="https://onlinecourses.nptel.ac.in/noc20_me50/preview#:~:text=In%20the%20contemporary%20dynamic%20manufacturing,their%20skills%20in%20advanced%20technologies.">https://onlinecourses.nptel.ac.in/noc20_me50/preview#:~:text=In%20the%20contemporary%20dynamic%20manufacturing,their%20skills%20in%20advanced%20technologies.</a>
22.	Science and Technology of Weft and Warp Knitting	Prof. Bipin kumar	IIT Delhi	12 weeks	14 Sep – 4 Dec 2020	<a href="https://onlinecourses.nptel.ac.in/noc19_te10/preview#:~:text=This%20is%20a%20definitive%20course,%2C%20engineering%2C%20technology%20and%20design.">https://onlinecourses.nptel.ac.in/noc19_te10/preview#:~:text=This%20is%20a%20definitive%20course,%2C%20engineering%2C%20technology%20and%20design.</a>
23.	Science of Clothing Comfort	Prof. Apurba Das	IIT Delhi	12 weeks	14 Sep – 4 Dec 2020	<a href="https://www.classcentral.com/course/swayam-science-of-clothing-comfort-14283#:~:text=A%20basic%20understanding%20of%20comfort,with%20textile%20and%20garment%20industries.">https://www.classcentral.com/course/swayam-science-of-clothing-comfort-14283#:~:text=A%20basic%20understanding%20of%20comfort,with%20textile%20and%20garment%20industries.</a>
24.	Stress Management	Prof. Rajlakshmi Guha	IIT Kharagpur	4 weeks	14 Sep-9 Oct 2020	<a href="https://onlinecourses.nptel.ac.in/noc20_ge18/preview">https://onlinecourses.nptel.ac.in/noc20_ge18/preview</a>



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SNo	Course Name	SME Name	Institute	Course Duration	Timeline	URL
25.	The Essence of Leadership: Explorations from Literature	Dr. S Manikutty	The Indian Institute of Management, Bangalore	8 weeks	27 Jul-14 Dec	<a href="https://onlinecourses.swayam2.ac.in/imb20_mg26/preview#:~:text=The%20course%20consists%20of%20interpreting,for%20leadership%20and%20effective%20management.&amp;text=As%20you%20learn%20more%20about,about%20yourself%20as%20a%20leader.">https://onlinecourses.swayam2.ac.in/imb20_mg26/preview#:~:text=The%20course%20consists%20of%20interpreting,for%20leadership%20and%20effective%20management.&amp;text=As%20you%20learn%20more%20about,about%20yourself%20as%20a%20leader.</a>







**M. Sc. COSTUME DESIGN AND FASHION**

**Syllabus  
(With effect from 2020-2021)**

**Program Code :**



**DEPARTMENT OF COSTUME DESIGN AND FASHION  
Bharathiar University  
(A State University, Accredited with “A“ Grade by NAAC and  
13<sup>th</sup> Rank among Indian Universities by MHRD-NIRF)  
Coimbatore 641 046, INDIA**

