

# B. Sc. Apparel Fashion Designing

## Syllabus

### AFFILIATED COLLEGES

Program Code:26Q

2021 – 2022 onwards

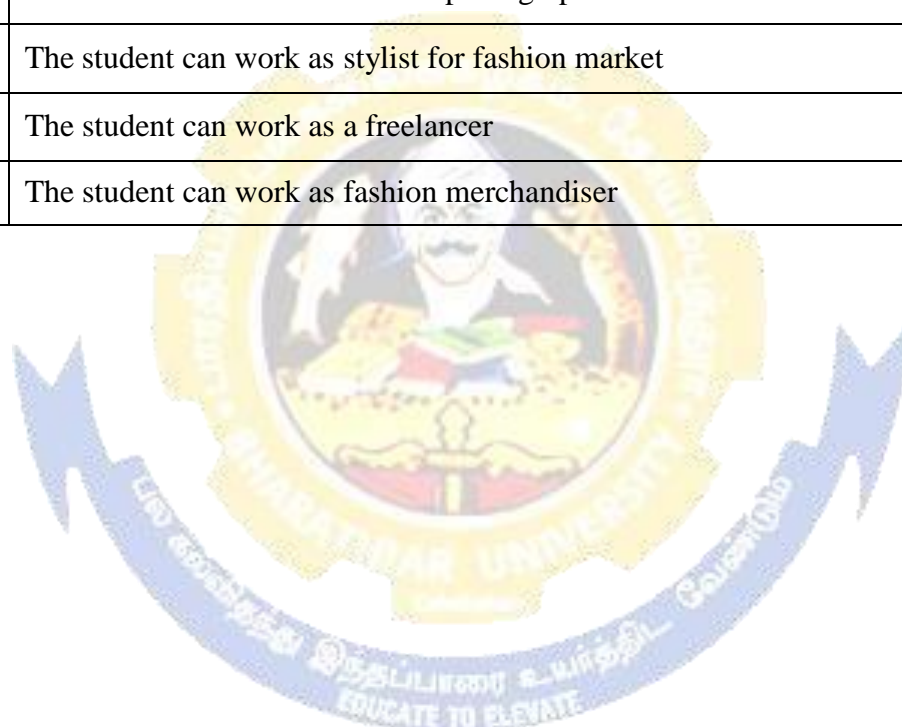


## BHARATHIAR UNIVERSITY

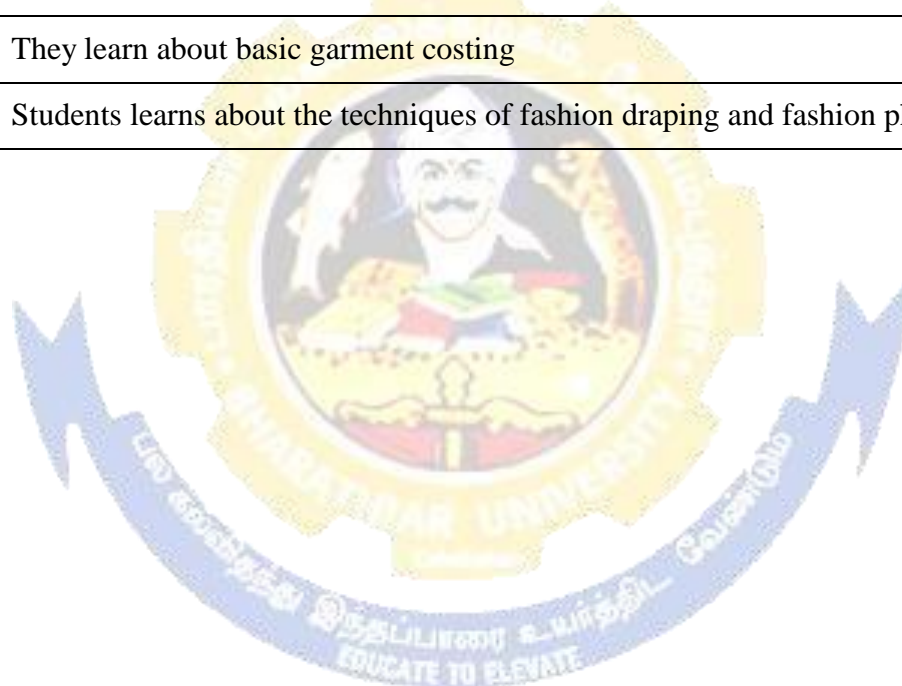
(A State University, Accredited with “A” Grade by NAAC,  
Ranked 13<sup>th</sup> among Indian Universities by MHRD-NIRF,  
World Ranking: Times -801-1000, Shanghai -901-1000, URAP - 982)

Coimbatore - 641 046, Tamil Nadu, India

<b>Program Educational Objectives (PEOs)</b>	
PEO1	After the completion a student can excel in the field of commercial garment
PEO2	The student can create his own brands and designer labels
PEO3	The student can start his enterprise as design studio
PEO4	The student can work as fashion stylist in reputed retail outlet
PEO5	The student can start his career in the area of accessories designing
PEO6	The student can work as a fit analyst
PEO7	The student can work as fashion photographer
PEO8	The student can work as stylist for fashion market
PEO9	The student can work as a freelancer
PEO10	The student can work as fashion merchandiser



<b>Program Specific Outcomes (PSOs)</b>	
PSO1	The student should learn about the basic concept of designing and design elements
PSO2	The student will learn about manual fashion sketching
PSO3	The student will learn about fashion illustration
PSO4	The student will learn about digital designing using software
PSO5	The student will learn about manual pattern making
PSO6	The student learns about various value addition process like dyeing, printing and embroidery
PSO7	The student will learn portfolio preparation and final collection
PSO8	They learn about basic garment costing
PSO9	Students learns about the techniques of fashion draping and fashion photography



<b>Program Outcomes (POs)</b>	
PO1	The student become thorough and skilled in the area of design development by using design software
PO2	They will know and study the behavioural characteristics of fabric and its application in fashion market
PO3	The student should know various value addition techniques
PO4	They should learn to manufacture proto samples by using manual or pattern CAD and stitching
PO5	The student should know to drape a customized garment design
PO6	They should learn to implement design techniques in portfolio and collection making
PO7	The student should learn the fashion market and its strategy including costing to commercialize his design in the international fashion scenario



**BHARATHIAR UNIVERSITY: COIMBATORE 641 046**

**B.Sc. Apparel Fashion Designing (CBCS PATTERN)**

*(For the students admitted from the academic year 2021-2022 and onwards)*

**Scheme of Examination**

Part	Title of the Course	Hours/ Week	Examination				Credits
			Duration in Hours	Maximum Marks			
				CIA	CEE	Total	
<b>Semester I</b>							
I	Language I	6	3	50	50	100	4
II	English I	6	3	50	50	100	4
III	Core Paper I - Design Concepts and Methodology	4	3	50	50	100	4
III	Core Paper II - Basics of Textile Manufacturing	5	3	50	50	100	4
III	Core Practical I - Fashion Sketching	4	3	25	25	50	2
III	Allied Paper I - Computer Applications Practical	3	3	30	45	75	3
IV	Environmental Studies *	2	3	-	50	50	2
<b>Total</b>		30	-	255	320	575	23
<b>Semester II</b>							
I	Language II	6	3	50	50	100	4
II	English II	6	3	50	50	100	4
III	Core Paper III - Fashion Appreciation	4	3	30	45	75	3
III	Core Practical II - Sewing Techniques	3	3	25	25	50	2
III	Core Practical III - Pattern Making and Grading I	3	3	30	45	75	3
III	Core Practical IV - Fashion Illustration	3	3	30	45	75	3
III	Allied Paper II - Fundamentals of Apparel Designing	3	3	50	50	100	4
IV	Value Education – Human Rights *	2	3	-	50	50	2
<b>Total</b>		30	-	265	360	625	25
<b>Semester III</b>							
III	Core Paper IV - History of Costumes	4	3	50	50	100	4
III	Core Practical V - Pattern Making and Grading II	5	3	25	25	50	2
III	Core Practical VI - Garment Construction in Knits	6	3	30	45	75	3
III	Core Practical VII - Computer Application in Fashion I	6	3	25	25	50	2
III	Allied Paper III - Garment Manufacturing Techniques	4	3	50	50	100	4
IV	Skill Based Subject I - Design for High End Knits #	3	3	30	45	75	3

IV	Tamil** / Advanced Tamil* (OR) Non-major elective - I (Yoga for Human Excellence)* / Women's Rights*	2	3	-	50	50	2
<b>Total</b>		30	-	210	290	500	20
<b>Semester IV</b>							
III	Core Paper V - Apparel Production Management	5	3	50	50	100	4
III	Core Paper VI - Textile Wet Processing	4	3	50	50	100	4
III	Core Practical VIII - Computer Application in Fashion II	6	3	50	50	100	4
III	Core Practical IX - Garment Construction in Wovens	6	4	30	45	75	3
III	Allied Paper IV - Textile Wet Processing Practical	4	3	50	50	100	4
IV	Skill Based Subject II - Fabric Analysis Practical	3	3	30	45	75	3
IV	Tamil**/Advanced Tamil* (OR) Non-major elective -II (General Awareness*)	2	3	-	50	50	2
<b>Total</b>		30	-	260	340	600	24
<b>Semester V</b>							
III	Core Paper VII - Fashion Entrepreneurship and Retailing	5	3	50	50	100	4
III	Core Practical X - Fashion Accessories and Embellishment	6	4	30	45	75	3
III	Core Practical XI - Art Portfolio	4	3	50	50	100	4
III	Core Practical XII - Draping Techniques	6	3	30	45	75	3
III	Elective I	4	3	-	100	100	4
III	Internship Training #	-	-	25	25	50	2
IV	Skill Based Subject III - Design Development Practical	5	3	30	45	75	3
<b>Total</b>		30	-	110	340	575	23
<b>Semester VI</b>							
III	Core Paper VIII - Fashion Business and Communication	5	3	50	50	100	4
III	Core Paper IX - Garment Pricing and Trade Documentation	5	3	50	50	100	4
III	Project Viva-voce - Design Collection #	6	3	50	50	100	4
III	Elective II	4	3	50	50	100	4
III	Elective III	5	3	50	50	100	4
IV	Skill Based Subject IV- Computer Aided Pattern Making Practical	5	3	30	45	75	3
V	Extension Activities **	-	-	50	-	50	2
<b>Total</b>		30	-	330	295	625	25
<b>Grand Total</b>		<b>180</b>	<b>-</b>	<b>1350</b>	<b>1975</b>	<b>3500</b>	<b>140</b>

**CIA** – Continuous Internal Assessment

**CEE** – Comprehensive External Examination

\* No Continuous Internal Assessment (CIA). Only University Examinations.

\*\* No University Examinations. Only Continuous Internal Assessment (CIA).

Mark Division for Project

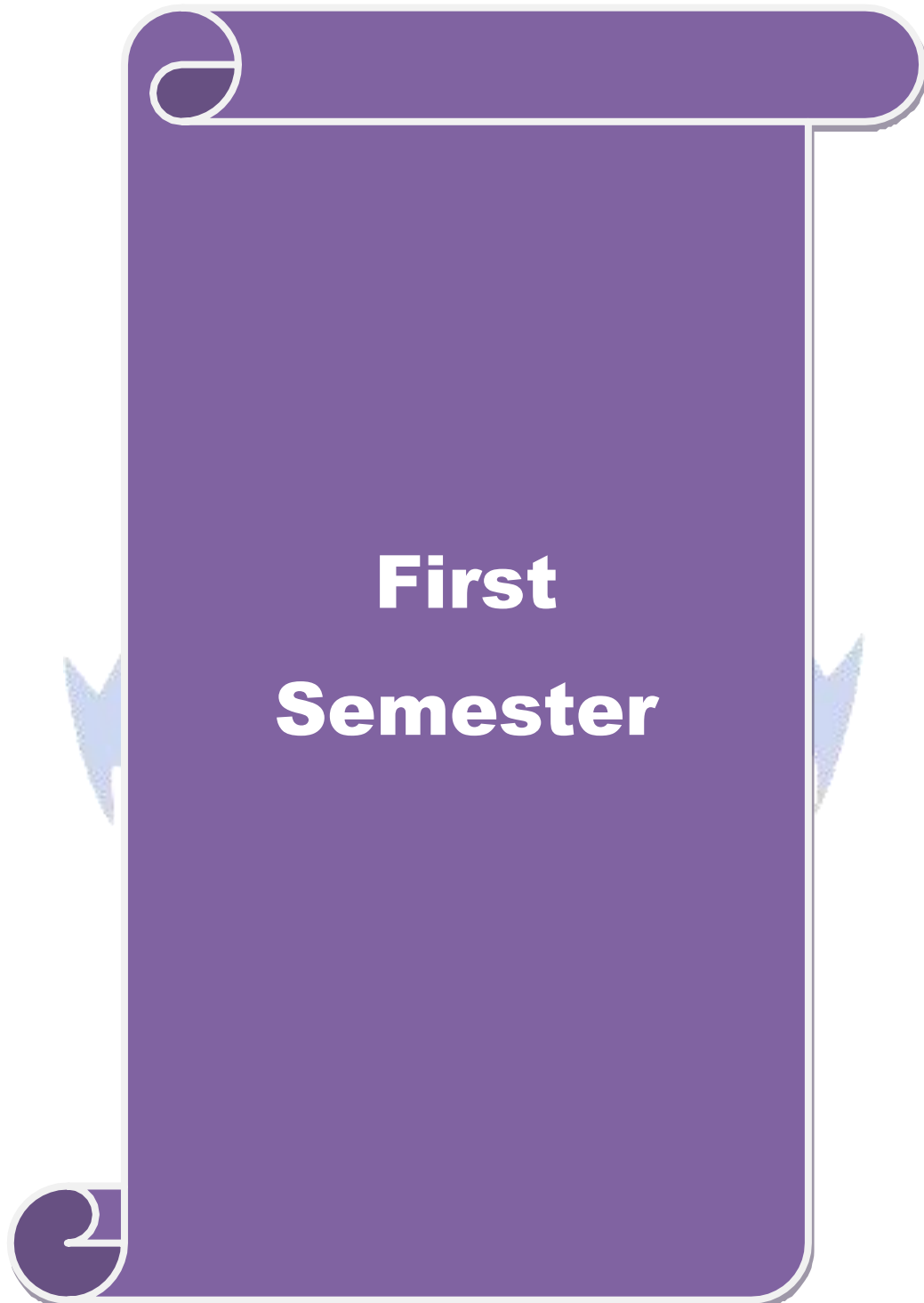
Paper title	Total Marks	CIA	CEE	
			Evaluation	Viva-voce
Skill Based Subject I - Design for High End Knits	75	30	30	15
Internship Training – Viva-voce Report	50	25	15	10
Project Viva-voce - Design Collection	100	50	30	20

**Additional Credit Course**

Earning Additional credit course is not mandatory for Programme Completion.

Prescribed courses under UGC – SWAYAM/ MOOCS/ NPTEL will be available for the affiliated colleges, as an optional.

List of Elective Papers (Colleges can choose any one of the papers as electives)		
<b>Elective – I</b>	<b>A</b>	Craft Documentation Practical
	<b>B</b>	Advanced Illustration Practical
	<b>C</b>	Fashion Ethnography Practical
<b>Elective – II</b>	<b>A</b>	Fashion Photography Practical
	<b>B</b>	Computer Aided Textile Designing Practical
	<b>C</b>	Fashion Presentation and Choreography Practical
<b>Elective – III</b>	<b>A</b>	Care and Maintenance of Textiles
	<b>B</b>	Entrepreneurial Development
	<b>C</b>	Human Values and Professional Ethics





<b>Course code</b>	<b>13A</b>	<b>DESIGN CONCEPTS AND METHODOLOGY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Paper I</b>		<b>4</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Pre-requisite</b>	<b>Students required to have basic creativity and knack towards drawing</b>		<b>Syllabus Version</b>	<b>2021-2022</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>To teach the basics of design elements and principles.</li> <li>To fulfill the bridge between industry and academic.</li> <li>To make the budding designer to work for world of fashion in order to fulfil the world class education in fashion design sector.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the basics of Design Concepts					K1
CO2	Understand the principles of design.					K2
CO3	Understand the importance color and its application					K2
CO4	Apply the concepts of unusual figures in dress making					K3
CO5	Analyze the various colour and design concepts					K4
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Elements Of Design</b>					<b>11 hours</b>
Introduction to fashion - Fashion terminologies -Types of Design- basic, structural and decorative. Elements of design - form, shape, space, line, color and texture-Tudor fashion.						
<b>Unit:2</b>	<b>Principles Of Design</b>					<b>11 hours</b>
Principles of design-balance-formal, informal and radial, proportion, emphasis, rhythm and harmony.						
<b>Unit:3</b>	<b>Colours</b>					<b>13 hours</b>
Color wheel - Primary, secondary and tertiary colors. Color scheme - Hue, Value and Chroma, Tint, Tone, shade. Color harmony, Seasonal colors, Color psychology.						
<b>Unit:4</b>	<b>Shapes And Silhouettes</b>					<b>13 hours</b>
Designing dresses for unusual figures – becoming and unbecoming – for the following figure types. Stout figure, thin figure, slender figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead.						
<b>Unit:5</b>	<b>Accessories</b>					<b>12 hours</b>
Introduction to Fashion accessories, trimmings and decoration. Wardrobe planning for different age groups, factors influencing wardrobe selection, Fashion and season.						
					<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Book(s)</b>						
1	Colour Harmony – A Guide To Creative Colour Combinations, Bride M. Whelan, Rockport Publishers, USA, 1997.					
2	Elements of Fashion and Apparel Design, Sumathi.G.J, New Age International (P) Ltd, New Delhi , 2002.					
3	A Complete Guide to Fashion Designing, Jenny Davis, Bharat Bhushan Abhishek Publication, Chandigarh, 2006.					

<b>Reference Books</b>	
1	Fashion Design, Kathryn Mckelvey & Janine Munslow, Blackwell Publication, New Jersey, 2003.
2	Encyclopedia of Fashion Details, Patric John Ireland, Prentice Hall, New Jersey, 1987.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.canva.com/learn/design-elements-principles/">https://www.canva.com/learn/design-elements-principles/</a>
2	<a href="https://www.slideshare.net/rhonrhonz/design-for-different-figure-types">https://www.slideshare.net/rhonrhonz/design-for-different-figure-types</a>
3	<a href="https://www.colormatters.com/color-and-design/basic-color-theory">https://www.colormatters.com/color-and-design/basic-color-theory</a>
4	<a href="https://www.chicatanyage.com/planning-your-wardrobe-for-the-new-season/">https://www.chicatanyage.com/planning-your-wardrobe-for-the-new-season/</a>
Course Designed By: Ms. R Sneha	

<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>CO1</b>	M	M	M	M	M	S	M
<b>CO2</b>	M	M	M	M	M	S	M
<b>CO3</b>	M	M	M	M	M	S	M
<b>CO4</b>	M	M	M	M	M	S	M
<b>CO5</b>	M	M	M	M	M	S	M

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



<b>Course code</b>	<b>13B</b>	<b>BASICS OF TEXTILE MANUFACTURING</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Paper II</b>		<b>5</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Pre-requisite</b>	<b>Basic knowledge of science</b>		<b>Syllabus Version</b>	<b>2021-2022</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
1. Learn how fibre is spun to yarn and made into fabrics by understanding each process						
2. Learn the basics of knitting and weaving						
3. New fibres innovated is also discussed						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember about the basic types of fibre					K1
CO2	Understand the manufacturing process of fibres					K2
CO3	Understand the different varieties of yarn and its formation					K2
CO4	Understand the basics of fabric formation					K2
CO5	Analyze the importance of fibre selection in designing					K4
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Textile Fibres</b>				<b>14 hours</b>	
Fiber – Classification of textile fibres-General properties of fibres – Polymers-types of polymerization Production sequence of cotton -jute- linen.						
<b>Unit:2</b>	<b>Animal and Minor Fibres</b>				<b>15 hours</b>	
Process sequence and properties of wool and silk – Wild silk types, Uses of pineapple fibre – milk fibre – spider silk – banana fibre.						
<b>Unit:3</b>	<b>Production of Synthetic and Semi Synthetic Fibres</b>				<b>14 hours</b>	
Production process of Semi synthetic fibres-viscose rayon and bamboo fibre Production process of synthetic fibres, Properties and uses: polyester and nylon fibre.						
<b>Unit:4</b>	<b>Yarn Production</b>				<b>16 hours</b>	
Short staple spinning system-Classification of yarn-Uses of blended yarn Texturized yarn: methods and types of textured yarns. Sewing thread: types, essential properties and applications-Yarn numbering systems.						
<b>Unit:5</b>	<b>Fabric Production</b>				<b>16 hours</b>	
Knitting: knitting elements-types of needles-knitting cycle of latch needle with sinkers. Weaving: Sequence of Preparatory Processes for Weaving - Important Motions of Weaving Comparison of knitting – basics of nonwoven, braiding and netting.						
					<b>Total Lecture hours</b>	<b>75 hours</b>
<b>Text Book(s)</b>						
1	Textile Fibers: Technology of Textile Processing, Vol.I, Shenai. V.A. Sevak Publications, Mumbai, 1996.					
2	The Motivate Series – Textiles, Wynne, A, Macmillan Education Ltd., London, 1997.					
3	A Text Book of Fiber Science and Technology, Mishra, S.P. New Age International (P) Ltd Publishers, New Delhi, 2000.					

4	Hand Book of Textile Fibers – Vol. I & Vol. II. Gordon Cook, J, Wood Head Publishing Ltd., Cambridge, England, 1984.
5	Chemistry of the Textile Industry, Carr, C.M, Blackie Academic & Professional, London, 1995.
6	Understanding Textiles, Phyllis G.Torton, The Fairchild Encyclopaedia of Fashion, New York, 2005.
7	Essentials of Textiles, Marjory L. Joseph, Wadsworth Publishing Co Inc, 1988.
<b>Reference Books</b>	
1	Man-made Fibers, Moncrieff, W, Butterworth Scientific, UK, 1975.
2	Spun Yarn Technology Vol. I – III, A. Venkatasubramaniam, Saravana Publications, Madurai, 1993.
3	Textiles – Fiber to Fabric, Bernard P. Corbman, McGraw-Hill, 1983.
4	Knitting Technology, Prof. D.B. Ajgoankar, Universal Publishing Corporation, Bombay, 2006.
5	Weaving Mechanisms, Vol. I/II – N.N. Banerjee, Textile Book House, 1982.
6	Yarn Preparations, Vol I & II B. Senguptha, Mahajan Book Distributor, Bombay, 1990.
7	A Chemical Technology of Fibrous Material, Sadov. F, Korchagin. M, Matesky, Moscow : Mir Publishing, Moscow, 1978.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://textilelearner.blogspot.com/2012/02/what-is-textile-fiber-types-of-textile.html">https://textilelearner.blogspot.com/2012/02/what-is-textile-fiber-types-of-textile.html</a>
2	<a href="https://www.sciencedirect.com/topics/materials-science/synthetic-fiber">https://www.sciencedirect.com/topics/materials-science/synthetic-fiber</a>
3	<a href="https://www.cottonworks.com/topics/sourcing-manufacturing/yarn-manufacturing/the-basics-of-yarn-manufacturing-spinning-process/">https://www.cottonworks.com/topics/sourcing-manufacturing/yarn-manufacturing/the-basics-of-yarn-manufacturing-spinning-process/</a>
4	<a href="https://textilelearner.blogspot.com/2012/04/weaving-and-knitting-comparedifference.html">https://textilelearner.blogspot.com/2012/04/weaving-and-knitting-comparedifference.html</a>
5	<a href="https://www.technicaltextile.net/articles/nonwoven-manufacturing-7188">https://www.technicaltextile.net/articles/nonwoven-manufacturing-7188</a>
Course Designed By: Ms. Narmadha Devi V.N	

<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>CO1</b>	L	S	M	M	M	M	M
<b>CO2</b>	L	S	M	M	M	M	M
<b>CO3</b>	L	S	M	M	M	M	M
<b>CO4</b>	L	S	M	M	M	M	M
<b>CO5</b>	L	S	M	M	M	M	M

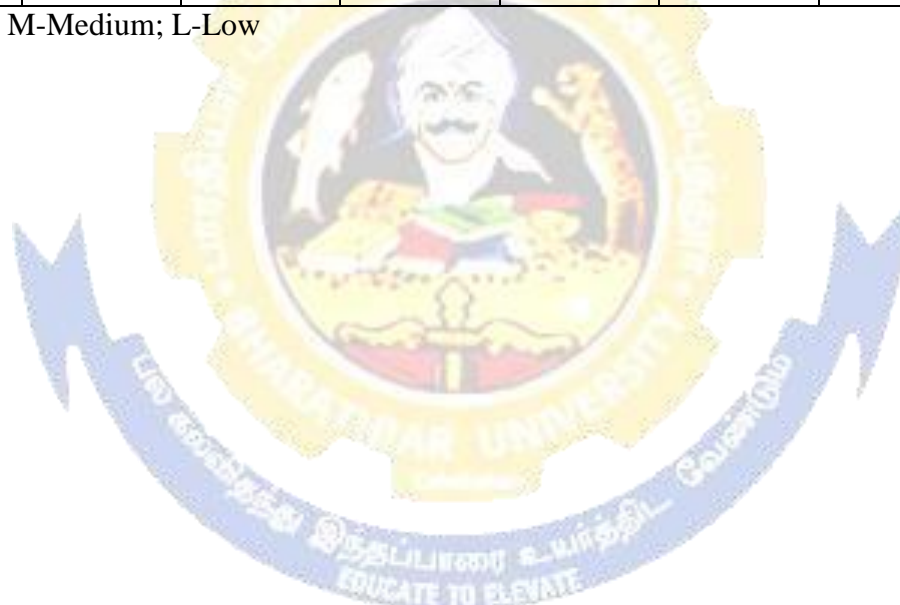
\*S-Strong; M-Medium; L-Low

<b>Course code</b>	<b>13P</b>	<b>FASHION SKETCHING</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical I</b>		-	-	<b>4</b>	<b>2</b>
<b>Pre-requisite</b>	<b>Basic drawing skill</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
1. Learn the basics of object drawing and shading.						
2. Learn basic head theories and draw human figures at different angles.						
3. Learn hair style and accessories illustration.						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember about the basics of Fashion illustration					K1
CO2	Understand the elements of sketching					K2
CO3	Understand the art of creating textures and shading					K2
CO4	Apply head theories while drawing fashion figures					K3
CO5	Apply hair styling, cosmetics and accessories to fashion figures					K3
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Experiments</b>						<b>60 hours</b>
<b>LIST OF EXPERIMENTS</b>						
1. Object Drawing and Perspective Drawing						
2. Various Shading Methods						
3. Techniques of Enlarging & Reducing Motifs						
4. Art of creating Textures.						
5. Drawing heads, hands, arms, legs, and feet in different angles.						
6. Proportion study – 7½ head & 8½ head theory – Stick, Block, & Flesh figures for Men & Women.						
7. Various types of Hair Styling and application of cosmetics.						
8. Practice to draw the Accessories.						
9. Practice to draw Landscape, Architecture & Interiors.						
					<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Book(s)</b>						
1	Fashion Design Illustration – Women, Patric John Ireland, B.T. Batsfort Ltd, London, 1993.					
2	Fashion Design Drawing and Presentation, Patric John Ireland, B.T. Batsfort Ltd, London, 1982.					
3	Fashion Design Illustration – Men, Patric John Ireland, B.T. Batsfort Ltd, London, 1996.					
4	Checks And Stripes – Classic Variations in Colour, Vol.I, Wolfgang.H. Hageney, Belveden, 1997.					
<b>Reference Books</b>						
1	Fashion Sketch Book, Bina Abling, Fair child Publication, New York, 1987.					
2	Step by Step Art School – Pastels, GERALDINE Christy, Hamlyn, England, 1992.					
3	Step by Step Art School – Water Colour, Patricia Monahan, Octopus Publishing Group, London, 2000.					
4	Angela Gair, Step by Step Art School – Drawing, Angela Gair, Letts of London, 1994.					

5	Step by Step Art School – Oils, Patricia Seligman, Hamlyn, UK, 1992.
6	Innovative Fashion Sketching, Rita Gersten Innovative Enterprises, Mumbai, 1984.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://willkempartschool.com/how-to-shade-a-drawing-light-shadow-part-2/">https://willkempartschool.com/how-to-shade-a-drawing-light-shadow-part-2/</a>
2	<a href="https://thevirtualinstructor.com/shading-techniques-basics.html">https://thevirtualinstructor.com/shading-techniques-basics.html</a>
3	<a href="https://thevirtualinstructor.com/blog/proportion-a-principle-of-art">https://thevirtualinstructor.com/blog/proportion-a-principle-of-art</a>
Course Designed By: Mr. T. Suresh	

<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>CO1</b>	M	L	M	M	L	S	M
<b>CO2</b>	M	L	M	M	L	S	M
<b>CO3</b>	M	L	M	M	L	S	M
<b>CO4</b>	M	L	M	M	L	S	M
<b>CO5</b>	M	L	M	M	L	S	M

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



<b>Course code</b>	<b>1AP</b>	<b>COMPUTER APPLICATIONS PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>															
<b>Allied</b>	<b>Paper I</b>		-	-	<b>3</b>	<b>3</b>															
<b>Pre-requisite</b>	<b>Basic knowledge in handling computers</b>		<b>Syllabus Version</b>		<b>2021-2022</b>																
<b>Course Objectives:</b>																					
The main objectives of this course are to:																					
<ol style="list-style-type: none"> <li>1. Learn the basics of computer operation</li> <li>2. Learn fundamentals of MS word and excel</li> <li>3. Learn how to do letter, mail, chart and advertisements digitally</li> </ol>																					
<b>Expected Course Outcomes:</b>																					
On the successful completion of the course, student will be able to:																					
CO1	Remember the basic operations of Computer					K1															
CO2	Understand the fundamentals of working with MS office					K2															
CO3	Understand the various uses of mail and its features					K2															
CO4	Apply the power point presentation and its slide layouts					K3															
CO5	Analyze the contribution of computers in day-to-day life					K4															
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6– Create</b>																					
					<b>45 hours</b>																
<b>List Of Experiments:</b>																					
<ol style="list-style-type: none"> <li>1. Prepare your class time table using table option in MSWord.</li> <li>2. Prepare an interview call letter and send using mail merge in MSWord.</li> <li>3. Design the given advertisement using in MS word. Apply various fonts and pictures.</li> <li>4. Create line, bar and pie charts for the given data using Msexcel.</li> <li>5. Prepare students mark statement with the following fields Roll No, Name, Sub1, Sub2, Sub3, Sub4, Sub5. Calculate Total, Average, Result and Grade. Apply Conditional formatting.</li> <li>6. Prepare employee salary list with fields Employee No, Employee Name, Experience, Basic Pay, HRA, DA, LIC, PF. Calculate Gross Salary &amp; Net Salary based on the following conditions <table border="1" data-bbox="370 1509 1286 1706"> <thead> <tr> <th>Experience</th> <th>HRA</th> <th>DA</th> <th>LIC</th> <th>PF</th> </tr> </thead> <tbody> <tr> <td>5 Years &amp; Above</td> <td>30%</td> <td>15%</td> <td>3%</td> <td>700</td> </tr> <tr> <td>Less than 5 Years</td> <td>15%</td> <td>5%</td> <td>3%</td> <td>700</td> </tr> </tbody> </table> </li> <li>7. Prepare a power point presentation about a product. Apply animation and slide timing.</li> <li>8. Prepare a power point presentation about an organization with organization chart. Apply different slide layouts.</li> <li>9. Search the given topic using any search engine and prepare a report using MSword.</li> <li>10. Create an email ID and use various mail features.</li> </ol>							Experience	HRA	DA	LIC	PF	5 Years & Above	30%	15%	3%	700	Less than 5 Years	15%	5%	3%	700
Experience	HRA	DA	LIC	PF																	
5 Years & Above	30%	15%	3%	700																	
Less than 5 Years	15%	5%	3%	700																	
					<b>Total Lecture Hours</b>																
					<b>45 Hours</b>																

<b>Text Book(s)</b>	
1	Microsoft Office 2019, All – in – one for dummies, Peter Weverka, Chennai, 2018.
2	Keyboarding & Word Processing Essentials, Susie H. Vanhuss, Connie M. Forde, Donna L. Woo, Vicki Roertson, Cengage Learning, Australia, 2017.
<b>Reference Books</b>	
1	Microsoft Word, Tips, Tricks And Shortcuts, Second Edition, Amelia Griggs, Create Space Independent Publishing Platform, California, 2017.
2	A Simpler Guide to Gm@il, 5 <sup>th</sup> Edition, Ceri, Clark, Lycon Books, London, 2018.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://shaunakelly.com/topic/word/concepts.html">https://shaunakelly.com/topic/word/concepts.html</a>
2	<a href="https://www.makeuseof.com/tag/10-tips-for-preparing-a-professional-presentation/">https://www.makeuseof.com/tag/10-tips-for-preparing-a-professional-presentation/</a>
Course Designed By: Ms. Arundhati Ghoshal	

<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>CO1</b>	S	L	L	S	L	L	L
<b>CO2</b>	M	L	L	S	L	L	L
<b>CO3</b>	L	L	L	S	L	L	L
<b>CO4</b>	S	L	L	S	L	L	L
<b>CO5</b>	S	L	L	S	L	L	L

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







**Second  
Semester**

Course code	23A	FASHION APPRECIATION		L	T	P	C
<b>Core</b>	<b>Paper III</b>			<b>4</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>Pre-requisite</b>	<b>Basic knowledge in fashion concept and various fashion environment</b>			<b>Syllabus Version</b>	<b>2021-2022</b>		
<b>Course Objectives:</b>							
The main objectives of this course are to:							
<ol style="list-style-type: none"> <li>1. To introduce various art forms to the students by classroom teaching, case studies, pictorial presentation and craft tools.</li> <li>2. To engage the students to work on types of fashion and art forms by making them to create miniature models.</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
CO1	Remember the basics of Fashion Concepts						K1
CO2	Understand fashion styling, role of fashion and forecasting.						K2
CO3	Apply the concepts of styling as freelancing and photo shooting.						K3
CO4	Analyze the various cultural adoption and world art.						K4
CO5	Create world art and writing based on fashion concepts						K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>							
<b>Unit:1</b>	<b>Introduction To Fashion</b>					<b>13 hours</b>	
Introduction to fashion – Types of Fashion: Haute couture fashion – Ready-to-wear fashion - Mass market fashion - Fashion cycle.							
<b>Unit:2</b>	<b>Fashion Styles</b>					<b>12 hours</b>	
Types of fashion styles: chic, bohemian, vintage, preppy, artsy, tomboy. Alternative clothing style: Punk Fashion, Gothic Fashion, hipster, steam punk, street grunge, heavy metal fashion.							
<b>Unit:3</b>	<b>Art</b>					<b>12 hours</b>	
Fashion as Cultural Indicators, Cross Culture Studies, Role of fashion in human culture, Fashion Adoptions – sources of inspiration and their selection. World Art – Cubism, Pop art, German expression, Futurism, Dada							
<b>Unit:4</b>	<b>Writing</b>					<b>13 hours</b>	
Art Writing, writing for blogs, mind mapping and key word selection, working as a creative team with freelancing stylist. Creating story, content preparation for art and styling, working on concept boards, setting trends, curating and narrating, fashion forecasting.							
<b>Unit:5</b>	<b>Photoshoot</b>					<b>10 hours</b>	
Styling and basic grooming – model poses based on garment – final photoshoot and outcome.							
					<b>Total Lecture hours</b>	<b>60 hours</b>	
<b>Text Book(s)</b>							
1	Louvre: all the Paintings, Anja Grebe, Black Dog & Leventhal, New York, 2020.						
2	Printers of the Mughal Garden, Brigitte Singh, Bishwadeep Maitra, Mapin Publishing Pvt, Ltd, Gujarat, 2018.						
3	Think Like an Artist, Will Gompertz, Penguin Publishers, London, 2016.						

<b>Reference Books</b>	
1	Post Modernism – A Very Short Introduction, Christopher Butler, Oxford University Press, Uttar Pradesh, 2002.
2	Indian Art, Parthe Mitter, Oxford University Press, Uttar Pradesh, 2001.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="http://umk-javorova.blogspot.com/2013/07/fashion-style.html#:~:text=Fashion%20refers%20to%20the%20aesthetics,%2C%20furniture%2C%20and%20interior%20decoration.&amp;text=that%20live%20in%20clothes%2C%20some,42%2C00%20to%20over%20100%2C000%20years.">http://umk-javorova.blogspot.com/2013/07/fashion-style.html#:~:text=Fashion%20refers%20to%20the%20aesthetics,%2C%20furniture%2C%20and%20interior%20decoration.&amp;text=that%20live%20in%20clothes%2C%20some,42%2C00%20to%20over%20100%2C000%20years.</a>
2	<a href="https://www.frieze.com/article/11-statements-around-art-writing#:~:text=Art%20Writing%20addresses%20material%20literary,relations%20between%20people%2C%20as%20discursive.">https://www.frieze.com/article/11-statements-around-art-writing#:~:text=Art%20Writing%20addresses%20material%20literary,relations%20between%20people%2C%20as%20discursive.</a>
3	<a href="https://www.format.com/magazine/resources/photography/fashion-photography-how-to-set-up-a-shoot">https://www.format.com/magazine/resources/photography/fashion-photography-how-to-set-up-a-shoot</a>
Course Designed By: Mr. T. Boopathy Vijay	

<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>CO1</b>	L	L	L	L	L	S	S
<b>CO2</b>	L	L	L	L	L	S	M
<b>CO3</b>	L	L	L	L	L	S	S
<b>CO4</b>	L	L	L	L	L	S	S
<b>CO5</b>	L	L	L	L	L	S	L

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

<b>Course code</b>	<b>23P</b>	<b>SEWING TECHNIQUES</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical II</b>		-	-	<b>3</b>	<b>2</b>
<b>Pre-requisite</b>	<b>Basic idea about sewing machine</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
1. Students will learn threading process in different sewing machines						
2. They will do sample preparations, various collars, pockets, sleeves, plackets, etc.						
3. They will learn care and maintenance of sewing machine						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the basic parts and functions of sewing machine					K1
CO2	Remember the safety measures and sewing machine care					K1
CO3	Understand the threading techniques					K2
CO4	Understand the seams and seam finishing techniques					K2
CO5	Create the component samples suitable for garment design					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Threading Practice</b>					<b>4 hours</b>	
1. Threading practice for SNLS machine, Overlock machine, Flatlock machine						
<b>Sample Preparations</b>					<b>9 hours</b>	
2. Sample preparations for SNLS machine, Overlock machine, Flatlock machine						
3. Preparation of samples for seam (any 5) – Plain, Top stitched, Flat fell, Piped seam						
4. Preparation of samples for seam finishes (any 3) – Overcast, Hem, Edge stitched, bound						
<b>Sample Preparations</b>					<b>13 hours</b>	
5. Preparation of samples for fullness – darts, tucks (any 3) – pin, cross, group tucking with scalloped effect, pleats (any 3) – knife, box, kick, gathering by machine, elastic. Ruffles – single, double						
6. Preparation of samples for facing and binding – bias facing, shaped facing, binding						
7. Preparation of samples for plackets – continuous, bound, faced and zipper plackets, tailored placket, button and buttonhole, press button, hook and eye						
<b>Sample Preparations</b>					<b>18 hours</b>	
8. Preparation of samples for sleeves – plain sleeve, puff sleeve, raglan and kimono sleeve						
9. Preparation of samples with yoke – simple yoke, yoke supporting fullness						
10. Preparation of samples for collar – peter pan collar, shirt collar						
11. Preparation of samples for pocket – patch pocket						
<b>Care And Maintenance of Sewing Machine</b>					<b>1 hour</b>	
12. Safety practices while working on sewing machine. Care and maintenance of sewing machine.						
<b>Total Lecture hours</b>					<b>45 hours</b>	
<b>Text Book(s)</b>						
1	Practical Clothing Construction, Part I & II, Mary Mathews, Cosmic Press, Chennai, 1986.					

2	Zarapker System of Cutting, Zarapkar K.R, Navneet Publications Ltd, Karnataka, 1996.
<b>Reference Books</b>	
1	The Complete Book of sewing, Dorling Kindersley Limited, London, 1986.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.sewsimplehome.com/2015/03/sewing-101-threading-machine-practice_30.html#:~:text=Pull%20your%20thread%20down%20and,makes%20life%20a%20lot%20faster.">https://www.sewsimplehome.com/2015/03/sewing-101-threading-machine-practice_30.html#:~:text=Pull%20your%20thread%20down%20and,makes%20life%20a%20lot%20faster.</a>
2	<a href="https://www.sewmyplace.com/tip/sewing-machine-safety#:~:text=Sew%20at%20a%20slow%20steady%20pace.&amp;text=To%20be%20on%20the%20safe,t%20anywhere%20near%20the%20pedal.">https://www.sewmyplace.com/tip/sewing-machine-safety#:~:text=Sew%20at%20a%20slow%20steady%20pace.&amp;text=To%20be%20on%20the%20safe,t%20anywhere%20near%20the%20pedal.</a>
Course Designed By: Ms. Arundhati Ghoshal	

<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>CO1</b>	L	L	M	L	L	S	L
<b>CO2</b>	L	L	S	L	L	M	L
<b>CO3</b>	L	L	M	L	L	M	L
<b>CO4</b>	L	L	S	L	L	L	L
<b>CO5</b>	L	L	M	L	L	S	L

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



<b>Course code</b>	<b>23Q</b>	<b>PATTERN MAKING AND GRADING I</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical III</b>		-	-	<b>3</b>	<b>3</b>
<b>Pre-requisite</b>	<b>Basic mathematical calculation and shapes</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Draft the pattern for given men's, women's and children's style sample.</li> <li>2. Students will grade the pattern of required size.</li> <li>3. Students will learn the development of fashion style patterns from basic patterns.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the basic drafting methods					K1
CO2	Understand the pattern development procedures					K2
CO3	Understand pattern grading methods					6
CO4	Apply drafting methods in creating patterns					K3
CO5	Create the pattern with required style and measurement and grade them					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Pattern Drafting – Men</b>					<b>22 hours</b>	
<ol style="list-style-type: none"> <li>I. Draft the pattern for given men's style / sample and also grade them according to the specification. <ol style="list-style-type: none"> <li>1. Basic T shirt with front patch pocket.</li> <li>2. Raglan T shirt with full sleeve.</li> <li>3. Polo T shirt with short sleeve.</li> <li>4. Bermuda with side pocket.</li> <li>5. Hooded T shirt with front pocket.</li> <li>6. Vest RN, RNS.</li> <li>7. Briefs, Trunks.</li> <li>8. Track pant.</li> </ol> </li> </ol>						
<b>Pattern Drafting – Women</b>					<b>18 hours</b>	
<ol style="list-style-type: none"> <li>II. Draft the pattern for given women's style / sample and also grade them according to the specification. <ol style="list-style-type: none"> <li>1. High neck T shirt with full sleeve.</li> <li>2. V neck T shirt with half sleeve.</li> <li>3. Kimono sleeve T shirt.</li> <li>4. Legging.</li> <li>5. Skirt.</li> <li>6. Night pajama set.</li> </ol> </li> </ol>						
<b>Pattern Drafting – Children</b>					<b>5 hours</b>	
<ol style="list-style-type: none"> <li>III. Draft the pattern for given kid's style / sample and also grade them according to the specification. <ol style="list-style-type: none"> <li>1. Sleeveless jhabla.</li> <li>2. Overall with full sleeve.</li> <li>3. Bloomer.</li> </ol> </li> </ol>						
<b>Total Lecture hours</b>					<b>45 hours</b>	

<b>Text Book(s)</b>	
1	Practical Clothing Construction, Part I & II, Mary Mathews, Cosmic Press, Chennai, 1986.
2	Grading Techniques for Fashion Design, Jeanne Price, Bernard Zamkoff, Fairchild Publications, 1996.
<b>Reference Books</b>	
1	Concepts of Pattern Grading, Kathy K. Mullet, Bloomsbury Publications, London, 2015.
2	Zarapker System of Cutting, Zarapkar K.R, Navneet Publications, Ltd, Karnataka, 1996.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://clothingindustry.blogspot.com/2018/01/pattern-making-garment.html#:~:text=Pattern%20drafting%20is%20defined%20as,measurements%20or%20standard%20measurement%20chart.">https://clothingindustry.blogspot.com/2018/01/pattern-making-garment.html#:~:text=Pattern%20drafting%20is%20defined%20as,measurements%20or%20standard%20measurement%20chart.</a>
2	<a href="https://www.clothingpatterns101.com/pattern-drafting.html">https://www.clothingpatterns101.com/pattern-drafting.html</a>
Course Designed By: Ms. Narmadha Devi V.N	

<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>CO1</b>	L	L	S	L	L	S	L
<b>CO2</b>	L	L	S	L	M	S	L
<b>CO3</b>	L	L	S	L	M	S	L
<b>CO4</b>	L	L	S	L	M	S	L
<b>CO5</b>	L	L	M	L	L	S	L

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

<b>Course code</b>	<b>23R</b>	<b>FASHION ILLUSTRATION</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical IV</b>		-	-	<b>3</b>	<b>3</b>
<b>Pre-requisite</b>	<b>Detail idea about fashion sketching</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>To draw stick, geometric and flesh figures for men and women using various head theory.</li> <li>Design various garment style for men, women and kids.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the basic head theory					K1
CO2	Understand the human anatomy in the field of fashion					K2
CO3	Apply the various techniques of garment styling and archaeological nature					K4
CO4	Analyze various drawing techniques to design a garment					K4
CO5	Create suitable background images for designing					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Head Theory</b>					<b>10 hours</b>	
<ol style="list-style-type: none"> <li>Draw stick, geometric and flesh figures for men, women using 10 head theory.</li> <li>Draw stick, geometric and flesh figures for women using 12 head theory.</li> </ol>						
<b>Illustration</b>					<b>12 hours</b>	
<ol style="list-style-type: none"> <li>Practice children illustration for different age groups.</li> <li>Developing different poses of men, women and children from the pictures in the magazine.</li> <li>Sketch –Still Lifell.</li> </ol>						
<b>Garment Designing</b>					<b>10 hours</b>	
<ol style="list-style-type: none"> <li>Design various garment styles for men, women and kids in the following categories: <ol style="list-style-type: none"> <li>Formal wear</li> <li>Casual wear</li> <li>Party wear</li> <li>Sports wear</li> </ol> </li> </ol>						
<b>Branding</b>					<b>13 hours</b>	
<ol style="list-style-type: none"> <li>Temple / Monument / Archeological study and further sketching.</li> <li>Sketch a logo for your own boutique.</li> </ol>						
<b>Total Lecture hours</b>					<b>45 hours</b>	
<b>Text Book(s)</b>						
1	Fashion Design Drawing and Presentation, Patric John Ireland, B.T.Batsfort Ltd, London, 1982.					
2	Checks And Stripes –Classic Variations in Colour Vol.I, Wolfgang.H.Hageney, Belveden, 1997.					
3	Fashion Sketch Book, Bina Ablng, Fair Child Publication, New York, 1987.					
<b>Reference Books</b>						
1	Angela Gair, Step by Step Art School –Drawing, Letts of London, 1994.					



2	Step by Step Art School – Oils, Patricia Seligman, Hamlyn, UK, 1992.
3	Innovative Fashion Sketching, Rita Gersten Innovative Enterprises, Chennai, 1984.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://clothingindustry.blogspot.com/2017/12/body-measurements-dress.html">https://clothingindustry.blogspot.com/2017/12/body-measurements-dress.html</a>
2	<a href="https://www.masterclass.com/articles/how-to-start-a-fashion-brand">https://www.masterclass.com/articles/how-to-start-a-fashion-brand</a>
Course Designed By: Mr. T. Suresh	

<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>CO1</b>	L	M	M	L	L	L	M
<b>CO2</b>	L	M	S	L	L	L	M
<b>CO3</b>	L	M	S	L	L	S	M
<b>CO4</b>	M	M	S	L	L	L	M
<b>CO5</b>	L	M	S	L	L	S	S

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



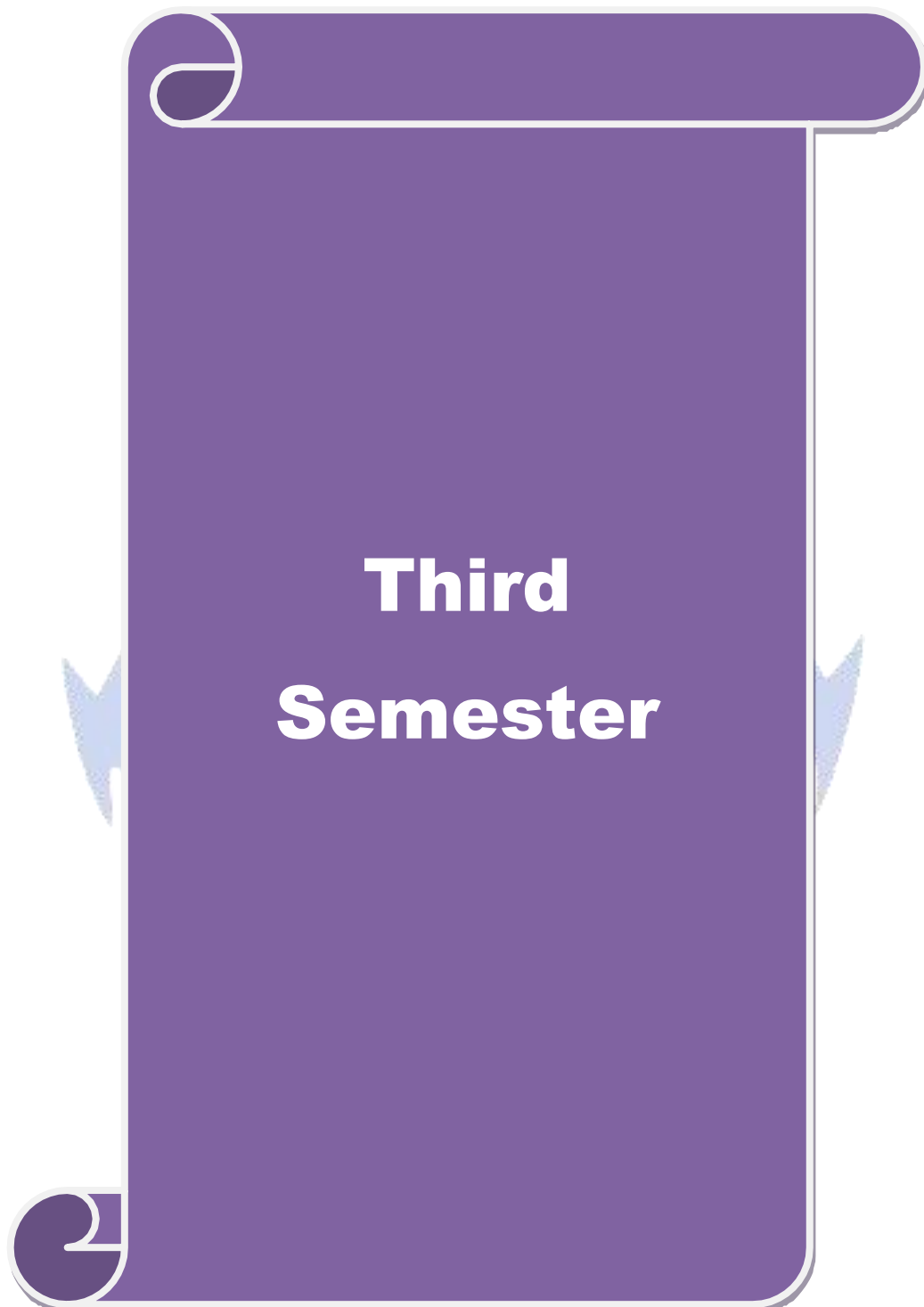
Course code	2AA	FUNDAMENTALS OF APPAREL DESIGNING	L	T	P	C
Allied	Paper II		3	-	-	4
Pre-requisite	Basic idea about dress and its component parts		Syllabus Version	2021-2022		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>Students will learn different body measurements by analyzing human figure.</li> <li>They should create patterns of basic garments through sleeve, collar and other variations.</li> <li>Students will learn industrial pattern making methods.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the basics of pattern making					K1
CO2	Understand the human anatomy and pattern drafting techniques					K2
CO3	Apply the concepts of pattern development and its variations					K3
CO4	Analyze various pattern manipulation methods					K4
CO5	Create suitable patterns for garment design and body variations					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Human Anatomy And Figure Analysis</b>				<b>10 hours</b>	
Concept of ideal figure – types of human figure – individual figure, figure analysis – body measuring techniques – variation in body measurements – standard measurement charts of various countries for men, women and kids.						
<b>Unit:2</b>	<b>Pattern Making And Work Room</b>				<b>7 hours</b>	
Principles of pattern making – pattern making terms – various pattern production terms – types of pattern making tools – functions – industrial form and its uses – pattern papers.						
<b>Unit:3</b>	<b>Pattern Development</b>				<b>10 hours</b>	
Drafting process of basic pattern block in ¼ scale – drafting of basic skirt block – basic sleeve drafting – basic collar drafting – basic placket drafting – basic cuff drafting – basic pocket pattern.						
<b>Unit:4</b>	<b>Style Variation In Pattern</b>				<b>9 hours</b>	
Drafting process for sleeve variation – puff sleeve, petal sleeve, cap sleeve, raglon sleeve, kimono sleeve, necklines variation – V neckline – scallop neckline, jewel necklines, sweet heart necklines, skirt variations – basic A line, gathered waist line, gored skirt, wrap around skirt.						
<b>Unit:5</b>	<b>Pattern Manipulation</b>				<b>9 hours</b>	
Concept of dart manipulation – principles – slash & spread method – pivotal transfer techniques – princess line and its variations – adding fullness – tucks, pleats, flares & gathers, flounces – pattern fitting – techniques and its functions.						
					<b>Total Lecture hours</b>	<b>45 hours</b>

<b>Text Book(s)</b>	
1	Mary Mathews, Practical Clothing Construction, Thomas & Co, Madras, 1974.
<b>Reference Books</b>	
1	Dress Making Simplified, Valerie Cook, Blackwell Science, New York, 1987.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="http://ecoursesonline.iasri.res.in/mod/page/view.php?id=114171">http://ecoursesonline.iasri.res.in/mod/page/view.php?id=114171</a>
2	<a href="https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making">https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making</a>
3	<a href="https://www.clothingpatterns101.com/style-lines.html">https://www.clothingpatterns101.com/style-lines.html</a>
4	<a href="http://isntthatsew.org/dart-manipulation/#:~:text=Pattern%20Manipulation%20is%20when%20you,applying%20either%20of%20these%20techniques.">http://isntthatsew.org/dart-manipulation/#:~:text=Pattern%20Manipulation%20is%20when%20you,applying%20either%20of%20these%20techniques.</a>
Course Designed By: Ms. Narmadha Devi V.N	

<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>CO1</b>	L	L	L	L	L	S	M
<b>CO2</b>	L	L	L	L	L	S	M
<b>CO3</b>	L	L	M	L	L	S	S
<b>CO4</b>	L	L	S	L	L	S	M
<b>CO5</b>	L	L	S	L	L	S	S

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





<b>Course code</b>	<b>33A</b>	<b>HISTORY OF COSTUMES</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Paper IV</b>		<b>4</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Pre-requisite</b>	<b>Basic knowledge about costumes and its evolution</b>		<b>Syllabus Version</b>	<b>2021-2022</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Understand the evolution of costumes.</li> <li>2. Learn about the various costumes across the world.</li> <li>3. Evaluate the various traditional costumes and textiles among the states of India.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the evolution of costumes across the world					K1
CO2	Understand the beginning of costumes in India during early period					K2
CO3	Understand the growth of various dyed and printed textiles of India					K2
CO4	Remember the various traditional costumes across the states of India					K1
CO5	Analyze the various traditional embroideries					K4
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Fashion Evolution</b>				<b>13 hours</b>	
Beginning of Civilization – costumes of men and women: Ancient Greek – Ancient Roman – Ancient Egyptian – French costumes at 17 <sup>th</sup> century.						
<b>Unit:2</b>	<b>Indian Costumes</b>				<b>12 hours</b>	
Beginning of costumes – Pre Vedic Era & Post Vedic Era: Mauryan, Kushan Dynasty, Gupta Dynasty – Mughal Period – Costumes of the British Raj.						
<b>Unit:3</b>	<b>Dyed And Printed Textiles Of India</b>				<b>12 hours</b>	
Process of Dyed and Printed textiles of India: Kalamkari, Ikkat, Bandhani, Batik, Bagru. Hand woven textiles of India: Dacca Muslin, Banarasi / Chanderi Brocades, Baluchari, Himrus and Amrus, Kashmiri Shawls, Pochampalli, Silk sarees of Kancheepuram.						
<b>Unit:4</b>	<b>Traditional Costumes Of Different States Of India</b>				<b>12 hours</b>	
Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Assam, Orrisa, Bihar, Karnataka, W.Bengal, Maharashtra, Rajasthan, Haryana, Uttarpradesh, Jammu and Kashmir, Gujarat, Madhyapradesh.						
<b>Unit:5</b>	<b>Traditional Embroideries Of India</b>				<b>11 hours</b>	
Origin, embroidery of Kashmir, Phulkari of Punjab, Gujarat – Kutch and Kathiawar, embroidery of Rajasthan, Kasuti of Karnataka, Chikankari of Lucknow, Kantha work of Bengal.						
					<b>Total Lecture hours</b>	<b>60 hours</b>

<b>Text Book(s)</b>	
1	Indian Costume, G.H. Ghosrye, Popular Books Pvt Ltd, Mumbai, 1985.
2	The Costumes and Textiles of India, Jamila Brij Bhushan D.B, Taraporevala Sons & Co, Bombay, 1958.
3	History of 20 <sup>th</sup> Century Fashion, Elizabetha Ewing, Revised by Alice Macrell, Chrysalis Books Group, London, 2001.
<b>Reference Books</b>	
1	Costumes of India and Pakistan, Das S.N, D.B. Taraporevala Sons & Co, Bombay, 1956.
2	History of Costumes in the West, Francois Boucher, Thames & Hudson Ltd, Australia, 1996.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="http://www.thepeoplehistory.com/fashions.html#:~:text=Fashion%20can%20also%20be%20influenced,as%20war%20or%20the%20economy.&amp;text=From%20the%201920s%20to%20the%20,accessories%20evolved%20with%20the%20times.">http://www.thepeoplehistory.com/fashions.html#:~:text=Fashion%20can%20also%20be%20influenced,as%20war%20or%20the%20economy.&amp;text=From%20the%201920s%20to%20the%20,accessories%20evolved%20with%20the%20times.</a>
2	<a href="https://sewguide.com/evolution-of-history-of-fashion/">https://sewguide.com/evolution-of-history-of-fashion/</a>
3	<a href="https://www.styleadda.in/29-indian-states-and-their-dress-codes/">https://www.styleadda.in/29-indian-states-and-their-dress-codes/</a>
4	<a href="https://textilelearner.blogspot.com/2019/03/traditional-embroideries-india.html">https://textilelearner.blogspot.com/2019/03/traditional-embroideries-india.html</a>
Course Designed By: Ms. K. Swetha	

<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>CO1</b>	M	M	S	M	M	M	L
<b>CO2</b>	M	M	S	M	M	M	L
<b>CO3</b>	M	M	S	M	M	M	L
<b>CO4</b>	M	M	S	M	M	M	L
<b>CO5</b>	M	M	S	M	M	M	L

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

<b>Course code</b>	<b>33P</b>	<b>PATTERN MAKING AND GRADING II</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical V</b>		-	-	5	2
<b>Pre-requisite</b>	<b>Detail knowledge in pattern making and grading</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Learn the basics of pattern drafting.</li> <li>2. Learn the techniques of pattern grading.</li> <li>3. Apply the concept of drafting and grading to create commercial patterns.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the basic concept of pattern drafting					K1
CO2	Understand the techniques of pattern drafting					K2
CO3	Understand the techniques of pattern grading					K2
CO4	Analyze the various pattern making and grading techniques					K4
CO5	Apply the concepts in developing various complicated styles					K3
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
		<b>Pattern Drafting &amp; Grading – Men</b>	<b>30 hours</b>			
<ol style="list-style-type: none"> <li>I. Draft and construct the pattern for given men's style / sample and also grade them according to the specification. <ol style="list-style-type: none"> <li>a. Formal shirt – full sleeve.</li> <li>b. Ozer short – side and patch pocket.</li> <li>c. Men's kurta with stand collar &amp; side kurta pocket.</li> <li>d. Night robe with patch pocket.</li> <li>e. Baggy pant with pouch pocket / Formal trouser with side and welt pocket.</li> </ol> </li> </ol>						
		<b>Pattern Drafting &amp; Grading – Women</b>	<b>30 Hours</b>			
<ol style="list-style-type: none"> <li>II. Draft and construct the pattern for given men's style / sample and also grade them according to the specification. <ol style="list-style-type: none"> <li>a. Simple salwar + modification.</li> <li>b. Simple kameez with side slit + modification.</li> <li>c. Sari blouse.</li> <li>d. Skirt + modification.</li> <li>e. Full gown / Maxi + modification.</li> </ol> </li> </ol>						
		<b>Pattern Drafting &amp; Grading – Kids</b>	<b>15 hours</b>			
<ol style="list-style-type: none"> <li>III. Draft and construct the pattern for given men's style / sample and also grade them according to the specification. <ol style="list-style-type: none"> <li>a. Chemise.</li> <li>b. Frock variations + modification in sleeves.</li> <li>c. Pedal pusher.</li> </ol> </li> </ol>						
					<b>Total Lecture hours</b>	<b>75 hours</b>

<b>Text Book(s)</b>	
1	Practical Pattern Making, Lucia Mors, Lucia Mors de Castro, Isabel Sanchez Hernandez, Firefly Books Ltd, 2015.
2	Metric Pattern Cutting for Women’s Wear, 6 <sup>th</sup> Edition, Winifred Aldrich, Blackwell Publishing, New Jersey, 2015.
3	Pattern Making for Men’s Wear, Classic to Contemporary, Myoungok Kim, Injoo Kim, University of Cincinnati, Fairchild Books, Bloomsbury Publishing Ltd, New York, 2014.
<b>Reference Books</b>	
1	Pattern Making Techniques for Beginners, Francesca Sterlacci, Laurance King, 2019.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://fairfitstudio.com/blog/patternmaking-101-how-do-i-start-making-my-own-patterns">https://fairfitstudio.com/blog/patternmaking-101-how-do-i-start-making-my-own-patterns</a>
Course Designed By: Ms. Narmadha Devi V.N	

<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>CO1</b>	M	M	M	S	S	S	M
<b>CO2</b>	M	M	M	S	S	S	M
<b>CO3</b>	M	M	M	S	S	S	M
<b>CO4</b>	M	M	M	S	S	S	M
<b>CO5</b>	M	M	M	S	S	S	M

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





<b>Course code</b>	<b>33Q</b>	<b>GARMENT CONSTRUCTION IN KNITS</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical VI</b>		-	-	<b>6</b>	<b>3</b>
<b>Pre-requisite</b>	<b>Detail knowledge about machine, sewing and components</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Learn the process flow of various knitted garments.</li> <li>2. Learn the construction of different kids and lady's garments.</li> <li>3. Create various men's knitted garments.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember various machineries used in the manufacturing of knitted garments.				K1	
CO2	Understand the various operations involved in knitted garment manufacture				K2	
CO3	Apply various stitch types in the construction of knitted garment				K3	
CO4	Understand the stitching process in the production of knitted garment manufacture				K2	
CO5	Create different types of knitted garment prototype				K6	
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Garment Construction – Men</b>					<b>40 hours</b>	
IV. Using different kind of knitwear manufacturing machineries construct the following style with details <ol style="list-style-type: none"> <li>1. Basic T shirt with front patch pocket.</li> <li>2. Raglan T shirt with full sleeve.</li> <li>3. Polo T shirt with short sleeve.</li> <li>4. Bermuda with side pocket.</li> <li>5. Hooded T shirt with front pocket.</li> <li>6. Vest RN, RNS.</li> <li>7. Briefs, Trunks.</li> <li>8. Track pant with side piping.</li> </ol>						
<b>Garment Construction – Women</b>					<b>35 hours</b>	
V. Using different kind of knitwear manufacturing machineries construct the following style with details. <ol style="list-style-type: none"> <li>9. High neck T shirt with full sleeve.</li> <li>10. V neck T shirt with half sleeve.</li> <li>11. Kimono sleeve T shirt.</li> <li>12. Legging.</li> <li>13. Skirt.</li> <li>14. Night pyjama set with neck binding.</li> </ol>						
<b>Garment Construction – Kid's</b>					<b>15 hours</b>	
VI. Using different kind of knitwear manufacturing machineries construct the following style with details. <ol style="list-style-type: none"> <li>15. Sleeveless jhabla with neck and armhole binding.</li> <li>16. Overall with full sleeve.</li> <li>17. Bloomer with elastic hem.</li> </ol>						
<b>Total Lecture hours</b>					<b>90 hours</b>	

<b>Text Book(s)</b>	
1	Garment Construction: A Complete Course in Making Clothing for Fit and Fashion, Peg Couch, Fox Chapel Publishing, UK, 2011.
2	Garment Manufacturing Technology, Edited by Rajishore Nayak and Rajiv Padhye, Woodhead Publishing Series in Textiles, UK 2015.
<b>Reference Books</b>	
1	Garment Construction Skills, Premlata Mullic, Kalyani Pulishers, Karnataka, 2010.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.textileschool.com/258/garment-construction-techniques/">https://www.textileschool.com/258/garment-construction-techniques/</a>
Course Designed By: Ms. Arundhati Ghoshal	

<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>CO1</b>	M	M	S	S	S	S	M
<b>CO2</b>	M	M	S	S	S	S	M
<b>CO3</b>	M	M	S	S	S	S	M
<b>CO4</b>	M	M	S	S	S	S	M
<b>CO5</b>	M	M	S	S	S	S	M

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

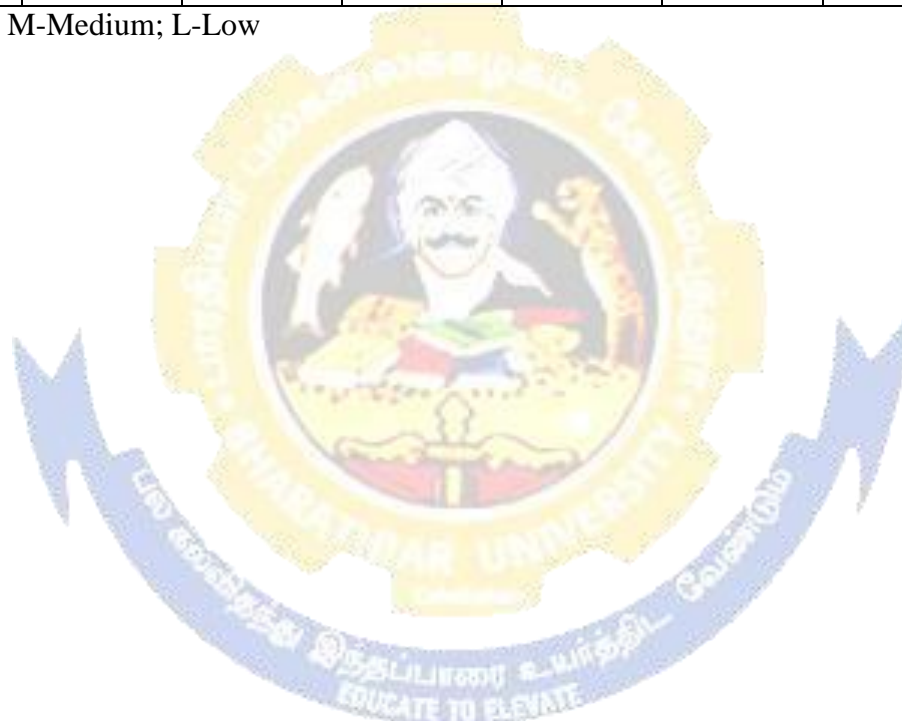


<b>Course code</b>	<b>33R</b>	<b>COMPUTER APPLICATION IN FASHION I</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical VII</b>		-	-	<b>6</b>	<b>2</b>
<b>Pre-requisite</b>	<b>Knowledge in handling computers and basic knowledge about silhouettes</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Learn the basics of computer application in fashion.</li> <li>2. Learn the fundamentals of digital designing.</li> <li>3. To develop and create innovative designs.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the software and its usage in digital designing				K1	
CO2	Understand the various advantages and uses of computer aided designing				K2	
CO3	Apply the learnt tools in creating new designs				K3	
CO4	Apply the various software in creating garment designs				K3	
CO5	Create new designs in digital mode				K6	
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Design Creation</b>					<b>30 hours</b>	
Recent designing software can be used to practice the below,						
<ol style="list-style-type: none"> <li>1. Create &amp; repeat pattern designs.</li> <li>2. Create embroidery designs.</li> <li>3. Create print designs &amp; work on color separation.</li> <li>4. Draw the accessory design.</li> </ol>						
<b>Design Creation – Garments</b>					<b>25 hours</b>	
Create the Garment Design:						
<ol style="list-style-type: none"> <li>4. Men’s wear</li> <li>5. Women’s wear.</li> <li>6. Kid’s wear.</li> </ol>						
<b>Background Illustration</b>					<b>35 hours</b>	
Fashion illustration with apt back ground						
<ol style="list-style-type: none"> <li>7. Men.</li> <li>8. Women.</li> <li>9. Kid.</li> </ol>						
<b>Total Lecture hours</b>					<b>90 hours</b>	
<b>Text Book(s)</b>						
1	Rendering Fashion, Fabric and Prints with Adobe Photoshop, M. Kathleen Colussy, Steve Greenberg, Pearson Publishers, New York, 2004.					
2	Fashion Designer’s Handbook for Adobe Illustrator; Second Edition, Marianne Centner & Frances Vereker, Wiley Publication, New York, 2011.					
3	3D Fashion Design; Technique, Design and Visualization, Thomas Makryniotis, London, 2015.					
4.	Apparel design—CAD Software; Angela Wolf, 2012.					

<b>Reference Books</b>	
1	Freelance Fashion Designer’s Handbook, Paula Keech, John Wiley & Sons, New York, 2012.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://blog.hatchembroidery.com/how-to-create-your-own-embroidery-designs/">https://blog.hatchembroidery.com/how-to-create-your-own-embroidery-designs/</a>
2	<a href="https://design.tutsplus.com/articles/10-top-tips-for-fashion-illustration--cms-25881">https://design.tutsplus.com/articles/10-top-tips-for-fashion-illustration--cms-25881</a>
Course Designed By: Mr. T. Suresh	

<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>CO1</b>	S	M	M	S	M	S	M
<b>CO2</b>	S	M	M	S	M	S	M
<b>CO3</b>	S	M	M	S	M	S	M
<b>CO4</b>	S	M	M	S	M	S	M
<b>CO5</b>	S	M	M	S	M	S	M

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



Course code	3AA	GARMENT MANUFACTURING TECHNIQUES		L	T	P	C
Allied	Paper III		4	-	-	4	
Pre-requisite	Basic knowledge about sewing machine and stitches		Syllabus Version	2021-2022			
<b>Course Objectives:</b>							
The main objectives of this course are to:							
<ol style="list-style-type: none"> <li>1. Learn about the garment industry.</li> <li>2. Learn the working of the various departments in the garment industry.</li> <li>3. Learn about the functions of various machinery, stitches and seam finishes used in the garment industry.</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
CO1	Remember the workin flow of cutting department					K1	
CO2	Understand the cutting and sewing machineries used					K2	
CO3	Understand the classification of stitches and seams					K2	
CO4	Remember the various finishing machineries used					K1	
CO5	Evaluate the sewing accessories used in garment industries					K5	
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>							
<b>Unit:1</b>	<b>Cutting Room Planning</b>					<b>13 hours</b>	
Introduction to garment industry – Process sequence – garment classification – garment style analysis – torso and bifurcated garments – break down analysis – Spec reading. Concept of marker planning – Types of marker plan – Marker efficiency – Concept of fabric spreading – Types of spreading. Lay planning – deriving cut order plan.							
<b>Unit:2</b>	<b>Cutting And Sewing Machineries</b>					<b>12 hours</b>	
Concept of cutting – types of cutting machines & its applications – advantage and disadvantage. Introduction to sewing machines – Classification and study of sewing machine and its applications – machine bed and its types – feeding mechanism and its types – pressure feet and its types – Sewing needle – different types of needle – needle size.							
<b>Unit:3</b>	<b>Stitches And Seams</b>					<b>12 hours</b>	
Basic principles of stitch formation – classification of stitches based on federal standards – detailed study on application and functional aspects of all stitches – comparison of stitches – Thread calculation for different stitches. Detailed study on seam classification as per federal standards – seam finishes – seam performance – types of sewing thread – ticket numbering – detailed study on sewing and assembly defects.							
<b>Unit:4</b>	<b>Sewing Guides And Garment Finishing Machineries</b>					<b>12 hours</b>	
Study on different sewing guides – Study on finishing machines – Fusing machine – Pressing machine – Braiding machine – embroidery machine – packing machine – packing methods – packing material. Special purpose machine: Collar turning machine – button hole and button stitch machine – picoting.							
<b>Unit:5</b>	<b>Sewing Accessories</b>					<b>11 hours</b>	
Brief study on lining – interlining – buttons – zippers – labels – Lace – Elastic – Braid – quality parameters in sewing accessories – quality issues.							
					<b>Total Lecture hours</b>		<b>60 hours</b>

<b>Text Book(s)</b>	
1	Apparel Manufacturing – Hand Book, Jacob Solinger, Bobbin Media Corporation, New York, 1988.
2	Technology of Clothing Manufacture, Herold Carr & Barbara Latham, Wiley, New Jersey, 1994.
3	Technology of Stitches & Seams, Coats, Viyella Limited, UK, 1998.
4	Apparel Manufacturing Handbook, Jacob Solinger, Van Nostrand Reinhold Company, New York, 1980.
<b>Reference Books</b>	
1	Knitted Clothing Technology, T. BrackenBerry, Wiley Publishers, New Jersey, 1992.
2	Management Accounting, Sultan Chand & Sons, 2 <sup>nd</sup> Edition, New Delhi, Vikas Publishing House Pvt Ltd, 1998.
3	Introduction to Clothing Production Management, A.J. Chuter, Blackwell Scientific Publications, New York, 1995.
4	Materials Management in Clothing Production, David J. Tyler, Blackwell Scientific Publications, New York, 1991.
6	Production Control, Bethel, Tann, Atwater and Rung, McGraw Hill Book Co., New York, 1948.
7	Production Control - A Quantitative Approach, 2 <sup>nd</sup> edition, Biegel, John. E, Prentice Hall Inc., New York, 1971.
8	Plant Layout and Materials Handling, Apple. J. M, The Ronald Press Co., New York, 1950.
9	Layout Planning Techniques, Immer, John. R, McGraw Hill, New York, 1950.
10	Motion and Time Study, 4 <sup>th</sup> edition, Barnes, Ralph M, John Wiley and Sons., New York., 1958.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://fashion2apparel.blogspot.com/2017/03/working-process-cutting-room.html">https://fashion2apparel.blogspot.com/2017/03/working-process-cutting-room.html</a>
2	<a href="https://www.textileschool.com/470/garment-cutting-room-management/">https://www.textileschool.com/470/garment-cutting-room-management/</a>
3	<a href="https://sewguide.com/learn-to-sew-beginners/">https://sewguide.com/learn-to-sew-beginners/</a>
4	<a href="https://www.slideshare.net/MizanRahman52/fabrics-finishing-machines-working-procedure">https://www.slideshare.net/MizanRahman52/fabrics-finishing-machines-working-procedure</a>
5	<a href="https://takelessons.com/blog/sewing-tools-z13">https://takelessons.com/blog/sewing-tools-z13</a>
Course Designed By: Ms. Arundhati Ghoshal	


<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>CO1</b>	L	M	M	S	M	L	M
<b>CO2</b>	L	M	M	S	M	L	M
<b>CO3</b>	L	M	M	S	M	M	M
<b>CO4</b>	L	M	M	S	M	L	M
<b>CO5</b>	L	M	M	S	M	M	M

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

<b>Course code</b>	<b>3ZP</b>	<b>DESIGN FOR HIGH END KNITS</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Skill Based Subject</b>	<b>Skill Based Subject I</b>		-	-	3	3
<b>Pre-requisite</b>	<b>Basic knowledge about knit and design applicability on knits</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Know the usage of knitted fabrics</li> <li>2. Create innovative designs in knitted fabrics</li> <li>3. Learn versatile application of knitted fabrics</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the qualities of knitted fabrics					K1
CO2	Understand the properties of knitted fabrics for various purpose					K2
CO3	Apply knitted fabrics in innovative areas					K3
CO4	Analyze the ornamentation methods in knitted fabrics					K4
CO5	Evaluate the usage of knitted fabrics as a home textile material					K5
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Garment Construction – Men</b>					<b>45 hours</b>	
<ol style="list-style-type: none"> <li>1. Preparing a trend report based on market study, field research, brand analysis and interview</li> <li>2. Trend prediction for new product development</li> <li>3. Application of knit fabric for Indian ethnic products</li> <li>4. Creating contemporary artworks</li> <li>5. Surface ornamentation on knit fabric</li> <li>6. Application of western inspiration for high end knits</li> <li>7. Design and construct wearable art with knitted fabric</li> <li>8. Create home textile product out of knit wastes</li> <li>9. Drape ethnic wear using knit fabric</li> <li>10. Sketch and construct intimate wear/ Creating school uniform with the help of knit fabric</li> </ol> <p>Evaluation by Viva voce</p>						
<b>Total Lecture hours</b>					<b>45 hours</b>	
<b>Text Boo(s)</b>						
1	Designing for Knitwear, Deborah Newton, The Taunton Press, New Town CT1998.					
<b>Reference Books</b>						
1	Knitwear Fashion Design, Maite Lafuente, Promopress Publishers, Spain, 2017.					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://style2designer.com/pattern-cutting-cad-cam/cutting-sewing-techniques/mens-shirt-drafting-sewing-tutorial/">https://style2designer.com/pattern-cutting-cad-cam/cutting-sewing-techniques/mens-shirt-drafting-sewing-tutorial/</a>					
Course Designed By: Mr. G. Boopathy Vijay						

<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>CO1</b>	M	S	S	S	L	M	L
<b>CO2</b>	M	S	S	S	L	M	L
<b>CO3</b>	M	S	S	S	L	M	L
<b>CO4</b>	M	S	S	S	L	M	L
<b>CO5</b>	M	S	S	S	L	M	L

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



**Fourth  
Semester**



<b>Course code</b>	<b>43A</b>	<b>APPAREL PRODUCTION MANAGEMENT</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Paper V</b>		<b>5</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Pre-requisite</b>	Basic knowledge about industry and machineries		<b>Syllabus Version</b>	<b>2021-2022</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
1. To know about production process in details in a factory						
2. To understand the technical calculations of production and its measures.						
3. To plan, balance and control production process.						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember various terms of production and productivity					K1
CO2	Understand the technicality of production process					K2
CO3	Apply the technical inputs in the shop floor					K3
CO4	Analyse the subject inputs for production floor improvements					K4
CO5	Evaluate various production processes					K5
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Plant Location &amp; Lay Out</b>				<b>14 hours</b>	
Introduction to garment industry – concept and definition of production – terminology – organizing for production – functions of production department – plant location – location selection procedure – location economics – importance of plant layout – types of layout – product layout – process layout – combination layout.						
<b>Unit:2</b>	<b>Work Study</b>				<b>16 hours</b>	
Concept and need of work study – workstudy components – method study and work measurement – work study techniques – work study tools – process flow chart – standard symbols – flow diagram – stringdiagram – multiple activity chart – SIMO chart – work measurement technique – time study method – generation of standard time data – principles of motion economy – ergonomicsin garment industry.						
<b>Unit:3</b>	<b>Production &amp; Productivity</b>				<b>16 hours</b>	
Concept of production and productivity – factors of production – production function – types of production system – job production – mass production – batch production progressive bundle system – unit production system – advantages and disadvantages – quick response system – 3M productivity concept – productivity measurement techniques – partial productivity, total factor productivity – qualitative and quantitative productivity measures – criteria for increasing productivity in production floor-productivity surveys.						
<b>Unit:4</b>	<b>Line Balancing</b>				<b>16 hours</b>	
Duties and responsibility of production manager – effectiveline supervision – break down analysis of various garment styles – scheduling calculation for different styles – SAM calculation – line balance exercise – assigning operators optimally – setting up balanced production lines in shop floor.						
<b>Unit:5</b>	<b>Production Planning &amp; Control</b>				<b>13 hours</b>	
Capacity requirement planning – material requirement planning – steps in production planning – factors to be considered in production planning – coordinating production floor activities – practical difficulties in implementation.						
					<b>Total Lecture hours</b>	<b>75 hours</b>

<b>Text Book(s)</b>	
1	Industrial Engineering and Management, O.P Khanna, Dhanpat Raj & Sons Publishing, New Delhi, 1985.
2	Production & Material Management, Sumathi & Saravanavel, Margham Publishers, Chennai, 2002.
3.	Production and Operation Management, Rama Moorthi, New Age International Ltd, New Delhi, 2005.
<b>Reference Books</b>	
1	Technology of Clothing Manufacture, Carr & Latham, Wiley Publishers, New York, 2000.
2	Apparel Manufacturing Hand Book, Jacob Solinger, Bobbin Media Corporation, India, 1988.
3.	Introduction to Clothing Manufacture, Gerry Cooklin, Wiley Blackwell, New York, 2008.
4.	Introduction to Production Management, A.J.Chuter, Wiley Blackwell, New York, 1995.
6.	Industrial Engineering in Apparel Production, V.Ramesh Babu, Woodhead Publishing Ltd, New Delhi, 2012.
7.	Apparel Production Terms and Processes, Janace E Bubonia, Bbloomberg Academy, India, 2011.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://fashion2apparel.blogspot.com/2017/05/plant-layout-garment-industry.html">https://fashion2apparel.blogspot.com/2017/05/plant-layout-garment-industry.html</a>
2	<a href="https://textilelearner.blogspot.com/2013/07/what-is-work-study-work-study-in.html#:~:text=Work%20study%20is%20the%20systematic,assist%20it%20in%20improving%20productivity%20.">https://textilelearner.blogspot.com/2013/07/what-is-work-study-work-study-in.html#:~:text=Work%20study%20is%20the%20systematic,assist%20it%20in%20improving%20productivity%20.</a>
3	<a href="https://textilelearner.blogspot.com/2013/09/line-balancing-in-apparel-production.html#:~:text=Line%20Balancing%20is%20leveling%20the,remove%20bottlenecks%20and%20excess%20capacity.&amp;text=It%20is%20the%20allocation%20of,garments%20we%20have%20to%20produce.">https://textilelearner.blogspot.com/2013/09/line-balancing-in-apparel-production.html#:~:text=Line%20Balancing%20is%20leveling%20the,remove%20bottlenecks%20and%20excess%20capacity.&amp;text=It%20is%20the%20allocation%20of,garments%20we%20have%20to%20produce.</a>
4	<a href="https://clothingindustry.blogspot.com/2017/11/production-planning-control-garments.html">https://clothingindustry.blogspot.com/2017/11/production-planning-control-garments.html</a>
Course Designed By: Ms. Arundhati Ghoshal	

<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>CO1</b>	L	L	L	L	L	L	L
<b>CO2</b>	L	L	L	L	L	L	L
<b>CO3</b>	L	L	L	L	L	L	L
<b>CO4</b>	L	L	L	L	L	L	L
<b>CO5</b>	L	L	L	L	L	L	L

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

<b>Course code</b>	<b>43B</b>	<b>TEXTILES WET PROCESSING</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Paper VI</b>		<b>4</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Pre-requisite</b>	<b>Basic knowledge in fabrics and chemical reactions</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
1. To know about various preparatory elements of processing.						
2. To understand the technical process requirements of dyeing.						
3. To learn about the technical process requirements of printing and finishing.						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember various terms of preparatory process and necessary its requirements					K1
CO2	Understand the technicality of wet processing					K2
CO3	Understand the technical inputs in the shop floor and requirements of processing					K2
CO4	Apply the knowledge of the process					K3
CO5	Analyse the core technical inputs of dyeing, printing and finishing.					K4
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Water</b>					<b>10 hours</b>
Water hardness – types – softening process – ion exchange – sequestering agent – methods – terminology and terms related to textiles industry (ph, acid, base, oxidation, reduction) – role of textiles auxiliaries, preparatory process sequence for woven and knitted fabric.						
<b>Unit:2</b>	<b>Preparatory Process</b>					<b>10 hours</b>
Singeing – objectives – types of singeing – objectives of desizing – methods – objectives of scouring – methods – objectives of bleaching – types of bleaching agents – advantages of peroxide bleaching – optical whiteness – mercerizing and its objectives – types.						
<b>Unit:3</b>	<b>Dyeing</b>					<b>14 hours</b>
Concept of Dyeing – classification of dyes – principles of different dyeing process – direct, reactive, vat and disperse dyes – principles of dyeing of synthetic and blended textiles materials – after treatments – types & principles of different dyeing machines – winch – soft flow – cabinet – cheese and HTHP machines – merits and demerits.						
<b>Unit:4</b>	<b>Printing</b>					<b>12 hours</b>
Concept – methods of printing - block, stencils, roller and screen – screen preparation for flat and rotary printing – print paste ingredients – styles of printing - direct, resist, discharge – transfer – after treatments – pigment printing on cotton and polyester – reactive printing on.						
<b>Unit:5</b>	<b>Finishing</b>					<b>14 hours</b>
Finishing – objectives of finishing – temporary and permanent finishes – chemical finish – wrinkle free finish – softeners – anti microbial finish – fire retardant finish – mechanical finish – calendaring – raising – shearing – bio polishing – stonewashing – application of enzymes in textiles processing – pollution, brief study about ETP.						
					<b>Total Lecture hours</b>	<b>60 hours</b>

<b>Text Book(s)</b>	
1	Technology of Textiles Processing (vol 1-2), V.A. Shenai, Sevak Publication, Mumbai, 1991.
2	Dyeing and Chemical Technology of Textiles Fibres, Charles Griffin & co- E.R Trotman, Nottingham Publishers, UK, 1970.
3.	Technology of Bleaching and Dyeing of Textiles Fibers; vol 1-Part -1, Chakravarthy RR and Trivedi SS, Mahajan Book Publishers, 1979.
<b>Reference Books</b>	
1	The bleaching and dyeing of Cotton Material, Weaver's service cent Prayag RS, 1983.
2	Chemical Processing of Synthetic Fibers and Blends, John Willey & Sons, New York, 1982.
3.	Processing of Manmade Fibers, V. Usenko, MR Publishers, Moscow, 1975.
4.	Colour for Textiles; A User's Hand Book; Society of Dyers and Colourist, John Shore, 1995.
5.	Wool Dyeing, Society of Dyers and Colourist, Levis D.M, 1992.
6.	Textiles Colouration and Finishing, Mohammed Shahid, Carolina Academic Press, Durban, North Carolina, 1996.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://textilelearner.blogspot.com/2012/10/water-hardness-problem-caused-by-hard.html">https://textilelearner.blogspot.com/2012/10/water-hardness-problem-caused-by-hard.html</a>
2	<a href="http://eacharya.inflibnet.ac.in/data-server/eacharya-documents/53e0c6cbe413016f234436ed_INFIEP_8/91/ET/unit-1%20Lesson%201.pdf">http://eacharya.inflibnet.ac.in/data-server/eacharya-documents/53e0c6cbe413016f234436ed_INFIEP_8/91/ET/unit-1%20Lesson%201.pdf</a>
3	<a href="https://www.britannica.com/topic/textile/Dyeing-and-printing#:~:text=The%20four%20main%20methods%20of,of%20excess%20colour%20by%20washing.">https://www.britannica.com/topic/textile/Dyeing-and-printing#:~:text=The%20four%20main%20methods%20of,of%20excess%20colour%20by%20washing.</a>
4	<a href="https://study.com/academy/lesson/fabric-finishing-treatments-process-methods.html#:~:text=Generally%20the%20finishing%20process%20includes,can't%20discuss%20them%20all.">https://study.com/academy/lesson/fabric-finishing-treatments-process-methods.html#:~:text=Generally%20the%20finishing%20process%20includes,can't%20discuss%20them%20all.</a>
Course Designed By: Ms. K. Swetha	

<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>CO1</b>	S	S	S	S	S	S	S
<b>CO2</b>	S	S	S	S	M	M	S
<b>CO3</b>	S	M	S	S	L	M	S
<b>CO4</b>	S	S	M	S	S	S	M
<b>CO5</b>	S	S	S	S	S	M	M

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

<b>Course code</b>	<b>43P</b>	<b>COMPUTER APPLICATION IN FASHION II</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical VIII</b>		-	-	<b>6</b>	<b>4</b>
<b>Pre-requisite</b>	<b>Detailed knowledge about digital designing</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>To know about different design tools and software in details</li> <li>To understand the technical application of tools and software</li> <li>To plan the proper use of various design tool in work process</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember various terms of digital designing					K1
CO2	Understand the technical application of different design software					K2
CO3	Understand the technical inputs in the designing of various accessories					K2
CO4	Analyse the subject inputs for computer aided design improvements					K3
CO5	Apply various accessory design					K4
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Design Making</b>					<b>90 hours</b>	
<p>Using design software create the following visual communication design-</p> <ol style="list-style-type: none"> <li>Create brand name and design for it</li> <li>Design visiting card, letter pad &amp; envelop design</li> <li>Design a colander</li> <li>Design label for your brand</li> <li>Design tag for your brand</li> <li>Design packing material for your brand</li> <li>Practice in lay out design</li> <li>Practice poster design</li> <li>Create dangler design</li> <li>Create hand bag design</li> <li>Create hoarding design</li> </ol>						
<b>Total Lecture hours</b>					<b>90 hours</b>	
<b>Text Book(s)</b>						
1	Fashion Designer’s Handbook for Adobe Illustrator; Second Edition, Marianne Centner & Frances Vereker, Wiley Publication, New York, 2011.					
2	3D Fashion Design; Technique, Design and Visualization, Thomas Makryniotis, Londion, 2015.					
3.	Apparel design—CAD Software; Angela Wolf, 2012.					
<b>Reference Books</b>						
1	Freelance Fashion Designer’s Handbook, Paula Keech, John Wiley & Sons, New York, 2012.					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://helpx.adobe.com/in/illustrator/how-to/logo-design.html">https://helpx.adobe.com/in/illustrator/how-to/logo-design.html</a>					
Course Designed By: Mr. T. Suresh						

Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	S	S	S	S	S
CO2	S	S	S	S	S	S	S
CO3	S	S	S	S	S	S	S
CO4	S	S	S	S	S	S	S
CO5	S	S	S	S	S	S	S

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



<b>Course code</b>	<b>43Q</b>	<b>GARMENT CONSTRUCTION IN WOVENS</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical IX</b>		-	-	<b>6</b>	<b>3</b>
<b>Pre-requisite</b>	<b>Advanced knowledge in stitching</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>To know about manufacturing process of various woven styles</li> <li>To understand the process flow of manufacturing</li> <li>To plan the work stations properly and integrate the sewing process.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember various garment styles and their flow process					K1
CO2	Understand the manufacturing process step by step					K2
CO3	Understand the style wise stitching requirements					K2
CO4	Apply the standard manufacturing procedures					K3
CO5	Analyse the garment after construction					K4
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Part A</b>	<b>Men's Style</b>				<b>35 hours</b>	
Using different types of woven manufacturing machineries, construct the following with details mentioned						
<ol style="list-style-type: none"> <li>Formal shirt with full sleeve</li> <li>Boxer short with side pocket and patch pocket</li> <li>Men's kurta with stand collar</li> <li>Night robe with patch pocket</li> <li>Baggy pant with pouch pocket / formal trouser with side and welt pocket</li> </ol>						
<b>Part B</b>	<b>Women's Style</b>				<b>30 hours</b>	
<ol style="list-style-type: none"> <li>Basic Salwar</li> <li>Basic Kameez with side slit</li> <li>Sari blouse</li> <li>Skirt</li> <li>Full gown or full-length maxi</li> </ol>						
<b>Part C</b>	<b>Kid's Style</b>				<b>25 hours</b>	
<ol style="list-style-type: none"> <li>Pedal pusher</li> <li>Chemise</li> <li>Frock and its variations</li> </ol>						
					<b>Total Lecture hours</b>	<b>90 hours</b>
<b>Text Book(s)</b>						
1	NIMI construction manuals.					
2	The Complete Photo Guide to Clothing Construction, Christine Heynes, Query Books, UK, 2014.					
3.	Illustrated Guide to Sewing Garment Construction, Colin Dorsey, Chapel publishing, US, 2011.					

<b>Reference Books</b>	
1	A Handbook on Garment Construction,4 <sup>th</sup> Edition, Edith Callahan, Edna .M,Edith Barry, 2008.
2	Industry Clothing Construction Method, Mary Ruth Shields, Fair Child Books Ltd, UK, 2011.
3.	Garment Manufacturing Technology, Rajkishore Nayak & Rajiv Pandhey, Woodhead Publishing Ltd, New Delhi, 2015.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.nngroup.com/articles/kids-cognition/#:~:text=Summary%3A%20Children's%20cognitive%20skills%20are,mental%20models%20and%20prior%20knowledge.">https://www.nngroup.com/articles/kids-cognition/#:~:text=Summary%3A%20Children's%20cognitive%20skills%20are,mental%20models%20and%20prior%20knowledge.</a>
Course Designed By: Ms. R. Sneha	

<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>CO1</b>	S	S	S	S	S	S	S
<b>CO2</b>	S	S	S	S	S	S	S
<b>CO3</b>	S	S	S	S	S	S	S
<b>CO4</b>	S	S	S	S	S	S	S
<b>CO5</b>	S	S	S	S	S	S	S

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





<b>Course code</b>	<b>4AP</b>	<b>TEXTILE WET PROCESSING PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Allied</b>	<b>Paper IV</b>		-	-	4	4
<b>Pre-requisite</b>	<b>Basic practical knowledge in fabrics and various chemical reactions</b>		<b>Syllabus Version</b>	<b>2021-2022</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>To gain practical on hand training on preparatory processes</li> <li>To understand the technical importance of wet processing</li> <li>To plan various process requirements for dyeing and printing</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember various terms of wet processing					K1
CO2	Understand the technical implications of wet process					K2
CO3	Understand the preparatory processes and its requirements					K2
CO4	Apply the technical concept into the process					K3
CO5	Analyse various chemical reactions and their implications					K4
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Part A</b>	<b>Dyeing</b>				<b>30 hours</b>	
<ol style="list-style-type: none"> <li>Estimation of water hardness</li> <li>Scouring</li> <li>Bleaching</li> <li>Dyeing with direct dyes</li> <li>Dyeing with cold and hot brand reactive dyes</li> <li>Silk dyeing</li> <li>Polyester dyeing</li> </ol>						
<b>Part B</b>	<b>Printing</b>				<b>30 hours</b>	
<ol style="list-style-type: none"> <li>Block printing</li> <li>Stencil</li> <li>Flat screen preparation</li> <li>Flat screen printing using pigments</li> <li>Tie &amp; dye</li> <li>Batik</li> </ol>						
					<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Book(s)</b>						
1	AATCC Garment wet processing technical manual, 1994.					
2	Textile processing and Properties; Preparation, Dyeing, Finishing and Performance, Tyrone L. Vigo, Elsevier Publishing, Netherlands, 1994.					
3.	Textile Wet Processing, Manoj Dole, Manoj Dole Publishing Co, India, 2018.					
<b>Reference Books</b>						
1	An Introduction to Textiles; Textiles Wet Processing, D.J Hill, 1993.					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://www.britannica.com/topic/textile/Dyeing-and-printing">https://www.britannica.com/topic/textile/Dyeing-and-printing</a>					
2	<a href="https://www.sciencedirect.com/topics/engineering/dyeing-process">https://www.sciencedirect.com/topics/engineering/dyeing-process</a>					
Course Designed By: Ms. K. Swetha						

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

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

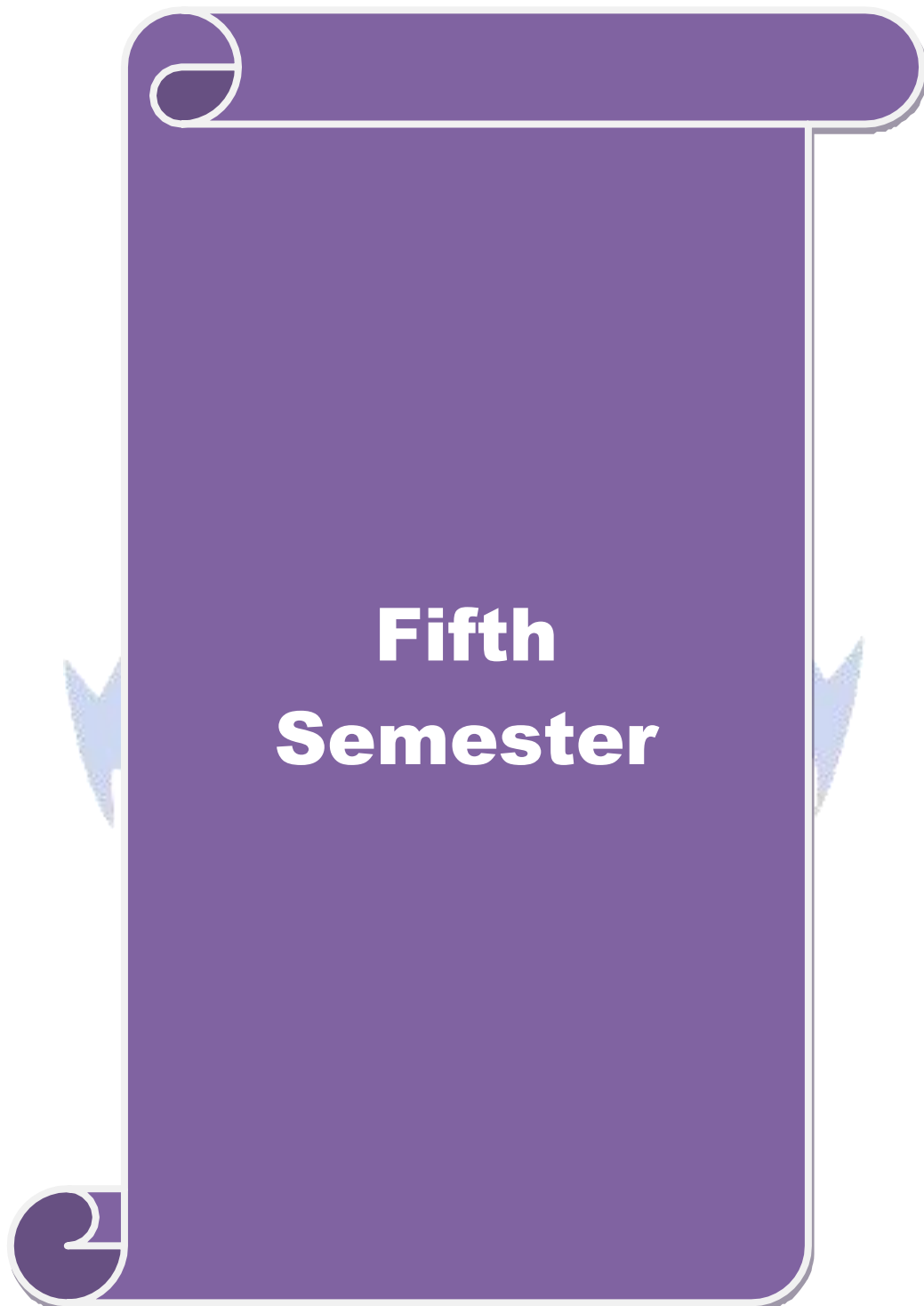


<b>Course code</b>	<b>4ZP</b>	<b>FABRIC ANALYSIS PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Skill Based Subject</b>	<b>Skill Based Subject II</b>		-	-	3	3
<b>Pre-requisite</b>	<b>Basic knowledge about textile science</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. To know about practical knitting process.</li> <li>2. To understand the technical requirements of fabric designing and manufacturing.</li> <li>3. To plan and balance the knitting process and create different knit designs.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember various terms of fabric knitting technology					K1
CO2	Understand the technicality of fabric production					K2
CO3	Apply the technical inputs and knit the fabric					K3
CO4	Analyse the difference between various designs					K4
CO5	Create different fabric swatches					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Part A</b>	<b>Fabric Swatch Development</b>				<b>20 hours</b>	
Develop the following samples <ol style="list-style-type: none"> <li>1. Pique</li> <li>2. Pearl</li> <li>3. Lacoste</li> <li>4. Twill</li> <li>5. Cross miss</li> <li>6. Two thread fleeces</li> <li>7. Mini jacquard design</li> <li>8. Auto striper</li> <li>9. Rib waffle</li> <li>10. Flat back rib</li> <li>11. Interlock</li> <li>12. Ottoman rib</li> <li>13. Electronic Jacquard motifs</li> </ol>						
<b>Part B</b>	<b>Knit Sample Analysis</b>				<b>12 hours</b>	
Analyse the given knit sample for the following technical criteria <ol style="list-style-type: none"> <li>14. Course and Wales density</li> <li>15. Loop length</li> <li>16. Areal density (GSM)</li> <li>17. Tightness factor</li> <li>18. Technical graph</li> <li>19. CAM order</li> <li>20. Needle order</li> </ol>						
<b>Part C</b>	<b>Woven Sample Analysis</b>				<b>13 hours</b>	
Analyse the given woven fabric sample (Plain, Twill, Satin and its derivatives) for the following particulars and draw the design, draft and peg plan <ol style="list-style-type: none"> <li>21. EPI</li> <li>22. PPI</li> </ol>						

23. Warp and weft crimp & count 24. Cover factor		<b>Total Lecture hours</b>	<b>45 hours</b>
<b>Text Book(s)</b>			
1	Knitting Technology – A comprehensive Handbook and Practical Guide, Woodhead Publishing, New Delhi, 2001.		
2	Knitting Technology, David J Spencer, Woodhead Publishing, New Delhi, 2014.		
3.	Principles of fabric Formation, Prabir Kumar Banerjee, CRC Press, US, 2014.		
<b>Reference Books</b>			
1	Advances in Knitting Technology; K F Au, CRC Press, Elsevier Publishing, Netherlands, 2011.		
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>			
1	<a href="https://www.hindawi.com/journals/amse/2016/6470351/">https://www.hindawi.com/journals/amse/2016/6470351/</a>		
2	<a href="https://textilelearner.blogspot.com/2018/11/structure-analysis-weft-knitted.html">https://textilelearner.blogspot.com/2018/11/structure-analysis-weft-knitted.html</a>		
3	<a href="https://textilelearner.blogspot.com/2013/08/woven-fabric-analysis-analysis-of-woven.html">https://textilelearner.blogspot.com/2013/08/woven-fabric-analysis-analysis-of-woven.html</a>		
4	<a href="https://www.scirp.org/journal/paperinformation.aspx?paperid=82701">https://www.scirp.org/journal/paperinformation.aspx?paperid=82701</a>		
Course Designed By: Ms. Narmadha Devi V.N			

<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>CO1</b>	M	L	S	M	L	M	M
<b>CO2</b>	S	S	M	L	L	M	L
<b>CO3</b>	S	L	L	S	M	L	L
<b>CO4</b>	S	L	L	M	M	L	L
<b>CO5</b>	L	L	L	M	L	L	L

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



Course code	53A	FASHION ENTREPRENEURSHIP AND RETAILING	L	T	P	C
<b>Core</b>		<b>Paper VII</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Preamble</b>		<b>Basic knowledge about business requirement and concept of basic market</b>	<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. To explore entrepreneurial leadership and management skills.</li> <li>2. To promote fashion and apparel entrepreneurial avenues.</li> <li>3. To formulate a business plan for establishing fashion business.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the essential entrepreneurial business principles					K1
CO2	Understand the functions of the entrepreneur in the successful business concept.					K2
CO3	Understand the market orientation and buying function of a fashion retail business					K2
CO4	Apply entrepreneurial skills to operate a fashion business.					K3
CO5	Analyze the key processes necessary to bring new products and services to market.					K4
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Introduction to Entrepreneurship</b>					<b>15 hours</b>
Entrepreneurship, understanding entrepreneurship, common myth about entrepreneurs, fashion trend leads to entrepreneurial opportunities, why some business fails while other succeeds, entrepreneurial profile, development of the business concept, ratio of success and failures.						
<b>Unit:2</b>	<b>The Market Study</b>					<b>15 hours</b>
Market research, defining the industry, industry life cycle, impact of technology, Regional market feasibility study, Market Segmentation, consumption pattern, purchasing a franchisee operation, new product development, product launch, pricing, organizational behaviour, market variables.						
<b>Unit:3</b>	<b>Marketing &amp; Promotion</b>					<b>15 hours</b>
Entrepreneur, History and future projections, web demographics, benefits and limitations of going on- line, building a business plan for E-Commerce-Models, Customer relationship management, security and privacy, promotion and marketing-Commerce challenges and concerns						
<b>Unit:4</b>	<b>Retail Buying</b>					<b>15 hours</b>
A Market Orientation, Retail Formats, Emerging and growing retail formats, buying function in retailing, buying for different type of stores, Organizational structure and the buying function, obtaining assistance for make buying decision, Trend watch for fashion buying Understanding your customers.						
<b>Unit:5</b>	<b>Entrepreneurial Management</b>					<b>15 hours</b>
Making the purchase, negotiating term for the sale, negotiating special buying situations, placing the order, window merchandising and visual display, using different props. Business proposal, setting up an own boutique, funding, sourcing, Technical difficulties, understanding the client and expectations.						
					<b>Total Lecture hours</b>	<b>75 hours</b>
<b>Text Book(s)</b>						
1	The Business of Fashion designing, Manufacturing and Marketing by Leslie Davis Burns, Nancy O Bryant, Bloomsberry Academic, USA, 2016.					
2	Inside fashion Business by Dickerson Kitty G., Pearson Publishing Co, London, 2002.					
3	Fashion Entrepreneur: Starting Your Own Fashion Business, by Sandra Burke, Burke Publishing, UK, 2013.					

<b>Reference Books</b>	
1	Fashion Entrepreneurship: The Creation of the Global Fashion Business by Neri Karra, Routledge, Routledge Publishers, New Delhi, 2020.
2	Guide to Fashion Entrepreneurship: The Plan, the Product, the Process, By Melissa G. Carr, Lisa Hopkins Newell, Maryland, 2014.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.tutorialspoint.com/entrepreneurship_development/entrepreneurship_development_introduction.htm#:~:text=Entrepreneurship%20is%20the%20art%20of,creative%20product%2C%20process%20or%20service.&amp;text=It%20can%20be%20a%20new,or%20any%20other%20similar%20innovation.">https://www.tutorialspoint.com/entrepreneurship_development/entrepreneurship_development_introduction.htm#:~:text=Entrepreneurship%20is%20the%20art%20of,creative%20product%2C%20process%20or%20service.&amp;text=It%20can%20be%20a%20new,or%20any%20other%20similar%20innovation.</a>
2	<a href="https://www.hotjar.com/blog/market-research/">https://www.hotjar.com/blog/market-research/</a>
3	<a href="https://shodhganga.inflibnet.ac.in/bitstream/10603/22928/8/08_chapter%202.pdf">https://shodhganga.inflibnet.ac.in/bitstream/10603/22928/8/08_chapter%202.pdf</a>
4	<a href="https://sendpulse.com/support/glossary/promotional-marketing">https://sendpulse.com/support/glossary/promotional-marketing</a>
5	<a href="https://news.gcase.org/2011/10/24/what-is-entrepreneurial-management/#:~:text=We%20define%20entrepreneurial%20management%20as,%2D%20and%20medium%2D%20sized%20businesses">https://news.gcase.org/2011/10/24/what-is-entrepreneurial-management/#:~:text=We%20define%20entrepreneurial%20management%20as,%2D%20and%20medium%2D%20sized%20businesses</a>
Course Designed By: Mr. G. Boopathy Vijay	

<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>CO1</b>	M	M	L	L	L	L	S
<b>CO2</b>	L	L	L	M	L	L	S
<b>CO3</b>	M	L	L	M	L	L	S
<b>CO4</b>	M	L	L	L	L	L	S
<b>CO5</b>	M	M	L	M	L	L	S

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

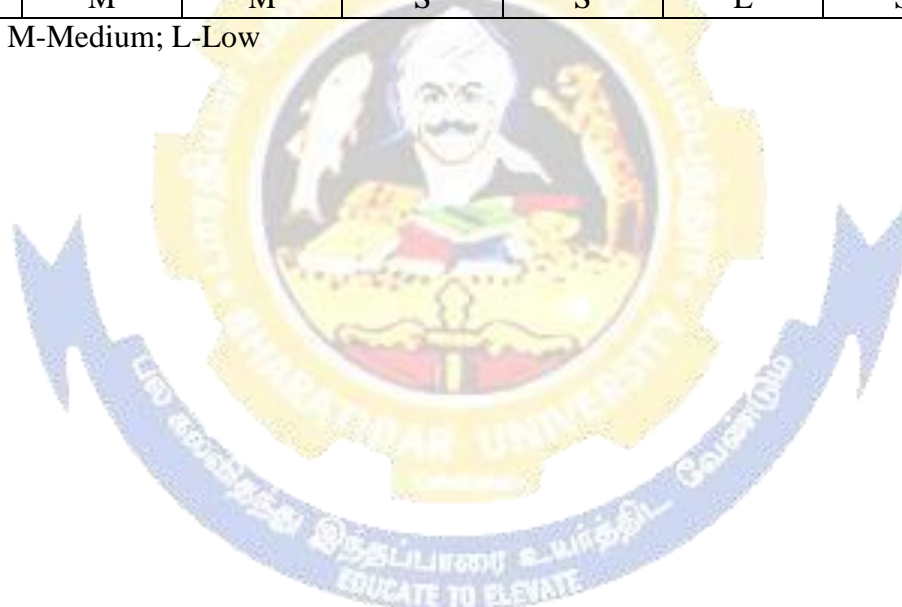
<b>Course code</b>	<b>53P</b>	<b>FASHION ACCESSORIES AND EMBELLISHMENT</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>																				
<b>Core</b>		<b>Practical X</b>	-	-	<b>6</b>	<b>3</b>																				
<b>Pre-requisite</b>	<b>Basic idea about types of value addition in fabrics</b>		<b>Syllabus Version</b>		<b>2021-2022</b>																					
<b>Course Objectives:</b>																										
The main objectives of this course are to:																										
<ol style="list-style-type: none"> <li>To practice the skills of surface ornamentation on textile materials.</li> <li>To familiarize students with the techniques of doing basic embroidery stitches.</li> <li>To provide practical knowledge on the traditional embroidery techniques in the modern context.</li> </ol>																										
<b>Expected Course Outcomes:</b>																										
On the successful completion of the course, student will be able to:																										
CO1	Remember the different embroidery materials, type of needles and their suitability					K1																				
CO2	Understand and appreciate the traditional surface ornamentation practices.					K2																				
CO3	Apply skills to enhance the aesthetic value of any fabric through ornamentation					K3																				
CO4	Analyze the type of embroidery required to interpret the given design					K4																				
CO5	Create variations in the stitches to develop new design concepts.					K6																				
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>																										
<b>Part A</b>	<b>Basic Hand Embroidery</b>					<b>45 hours</b>																				
Basic Hand Embroidery practice with variations in the following stitches.																										
<table border="0"> <tr> <td>1. Running Stitch</td> <td>11. Fly Stitch</td> </tr> <tr> <td>2. Back stitch</td> <td>12. Chain Stitch</td> </tr> <tr> <td>3. Stem Stitch</td> <td>13. Feather Stitch</td> </tr> <tr> <td>4. Satin stitch</td> <td>14. Fern Stitch</td> </tr> <tr> <td>5. Bullion Knot</td> <td>15. Fish Bone Stitch</td> </tr> <tr> <td>6. Pearl Knot</td> <td>16. Herringbone Stitch</td> </tr> <tr> <td>7. Cross Stitch</td> <td>17. Couching</td> </tr> <tr> <td>8. Blanket Stitch</td> <td>18. Bead Work</td> </tr> <tr> <td>9. Button Hole</td> <td>19. Mirror Work Stitch</td> </tr> <tr> <td>10. Corel Stitch</td> <td>20. Sequins Work</td> </tr> </table>							1. Running Stitch	11. Fly Stitch	2. Back stitch	12. Chain Stitch	3. Stem Stitch	13. Feather Stitch	4. Satin stitch	14. Fern Stitch	5. Bullion Knot	15. Fish Bone Stitch	6. Pearl Knot	16. Herringbone Stitch	7. Cross Stitch	17. Couching	8. Blanket Stitch	18. Bead Work	9. Button Hole	19. Mirror Work Stitch	10. Corel Stitch	20. Sequins Work
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<b>Part B</b>	<b>Traditional Surface Ornamentation</b>					<b>45 hours</b>																				
Traditional surface ornamentation practices with variations in the following																										
<table border="0"> <tr> <td>a) Kantha</td> <td>f) Fabric painting</td> </tr> <tr> <td>b) Chikankari</td> <td>g) Smocking</td> </tr> <tr> <td>c) Kasuti</td> <td>h) Applique</td> </tr> <tr> <td>d) Zardosi</td> <td>i) Quilting</td> </tr> <tr> <td>e) Gujarat embellishment</td> <td>j) Phulkari work</td> </tr> </table>							a) Kantha	f) Fabric painting	b) Chikankari	g) Smocking	c) Kasuti	h) Applique	d) Zardosi	i) Quilting	e) Gujarat embellishment	j) Phulkari work										
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b) Chikankari	g) Smocking																									
c) Kasuti	h) Applique																									
d) Zardosi	i) Quilting																									
e) Gujarat embellishment	j) Phulkari work																									
					<b>Total Lecture hours</b>	<b>90 hours</b>																				
<b>Text Book(s)</b>																										
1	Indian Embroidery, Kamaladevi Chattopadhyay, Wiley Eastern, India, 1977.																									
2	Step-by-step Needlecraft of Encyclopaedia, Revised Edition, Judy Brittain, Dorling Kindersley Publishers Ltd, UK, 1995.																									
3	Complete Guide to Embroidery, Jennifer Campbell and Ann-Marie Bakewell, Readers Digest Association, New York, 2006.																									



<b>Reference Books</b>	
1	Stitches: Photographs, Diagrams and Instructions for Over 260 Stitches, Reader's Digest, Readers Digest, UK, 2006.
2	Ethnic Embroidery of India, Usha Shrikant, Sole Distributors, Design Point, UK, 1998.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://sewguide.com/embroidery-border-designs/">https://sewguide.com/embroidery-border-designs/</a>
2	<a href="https://thedesigncart.com/blogs/news/surface-ornamentation-history-and-types">https://thedesigncart.com/blogs/news/surface-ornamentation-history-and-types</a>
Course Designed By: Ms. R. Sneha	

<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>CO1</b>	M	M	S	S	L	M	L
<b>CO2</b>	L	L	S	S	L	S	L
<b>CO3</b>	L	M	S	S	L	S	L
<b>CO4</b>	M	M	S	S	L	S	L
<b>CO5</b>	M	M	S	S	L	S	L

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

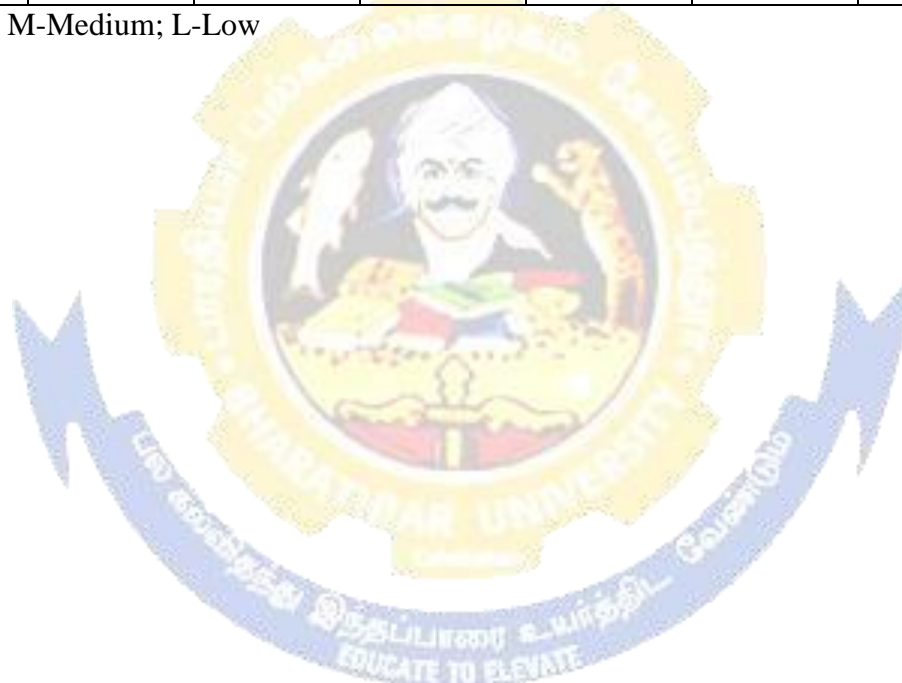


<b>Course code</b>	<b>53Q</b>	<b>ART PORTFOLIO</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical XI</b>		-	-	4	4
<b>Pre-requisite</b>	<b>Advanced knowledge in garment designing</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>To learn the development of theme board, mood board, colour palette, story board for design inspiration.</li> <li>To present and implement the designs dealing with trends.</li> <li>To develop an individual style and original body of work in a professional practice.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Understand the customer & market requirements and fashion trend changes					K2
CO2	Analyse the forecast and assemble information from a variety of sources for idea generation and concept development					K4
CO3	Apply the design concepts to initiate the design explorations					K3
CO4	Understand the design process through mood board, color board, swatch board, flat sketches and tech pack for production.					K2
CO5	Create design collections based on a particular theme.					K6
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Part A</b>						<b>60 hours</b>
Create Art portfolio with below mentioned details using Computer Aided Design software.						
<ol style="list-style-type: none"> <li>Develop Forecast Board based on seasons for Fashion and Color.</li> <li>Develop Trims and Accessory Board based on Season.</li> <li>Develop Inspiration Boards.</li> <li>Develop Story Boards.</li> <li>Develop Mood Boards for different theme / inspirations.</li> <li>Develop Color Palette based on the theme / inspiration.</li> <li>Develop Customer Profile.</li> <li>Develop Flat Sketches based on the theme / inspiration.</li> <li>Create design board with 6 designs according to your theme and customer profile.</li> <li>Develop Tech pack for your designs</li> </ol>						
					<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Book(s)</b>						
1	Creative Fashion Presentations, Polly Guerin, Fairchild Publications, New York 2004.					
2	Portfolio presentation for fashion designers, 3 <sup>rd</sup> edition, Linda Tain, UK, Fairchild Books, New York, 2010.					
3	Fashion Portfolio: Design and Presentation, Anna Kiper, Batsford Publications, UK, 2014.					
<b>Reference Books</b>						
1	Fashion Forecasting, 2 <sup>nd</sup> Edition – Research Analysis and Presentation, Evelyn L. Brannon, Berg Publishers, United States, 2005.					
2	Designing Your Fashion Portfolio: From Concept to Presentation, Joanne Barrett, Bloomsbury Academic, USA, 2012.					

<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.pixpa.com/examples/fashion">https://www.pixpa.com/examples/fashion</a>
2	<a href="https://successfulfashiondesigner.com/fashion-portfolio/fashion-portfolio-checklist/">https://successfulfashiondesigner.com/fashion-portfolio/fashion-portfolio-checklist/</a>
3	<a href="https://www.behance.net/gallery/71373427/Fashion-Design-portfolio">https://www.behance.net/gallery/71373427/Fashion-Design-portfolio</a>
Course Designed By: Ms. K. Swetha	

<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>CO1</b>	M	S	L	M	S	S	S
<b>CO3</b>	S	M	M	M	M	S	S
<b>CO3</b>	S	M	M	S	S	S	M
<b>CO4</b>	S	S	S	S	M	S	M
<b>CO5</b>	M	M	M	S	S	S	M

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



<b>Course code</b>	<b>53R</b>	<b>DRAPING TECHNIQUES</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Core</b>	<b>Practical XII</b>		-	-	<b>6</b>	<b>3</b>
<b>Pre-requisite</b>	<b>Basic knowledge in pattern making, body silhouettes and various fabrics</b>		<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
1. To understand the basic draping & manipulation techniques.						
2. To design and develop patterns for different garments based on the body measurements.						
3. To interpret and transform their designs on a three-dimensional form using draping method.						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the basic principles of draping for fashion design.					K1
CO2	Understand the style lines and proportions of the garment to be draped.					K2
CO3	Apply knowledge to produce patterns for the component parts of a garment.					K3
CO4	Analyze the proper fit and grain of the fabric in relation to design.					K4
CO5	Create & develop a design through three-dimensional experimentation					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create</b>						
<b>Part A</b>						<b>90 hours</b>
1. Bodice - Front & Back 2. Skirt - Front & Back and Its Types 3. Pant - Front & Back 4. Sleeve - Bell, Raglan, Cape, Puff, Circular, Kimono 5. Neckline - Boat, Key Hole, Halter, Scooped, Scalloped 6. Collar - Mandarin, Peter pan, Turtle, Ruffled & Shawl 7. Cowls 8. Twist 9. Surplice 10. Yoke - Hip Yoke, Midriff & Shirt Yoke 11. Design and Drape one couture wear for Men & Women						
					<b>Total Lecture hours</b>	<b>90 hours</b>
<b>Text Book(s)</b>						
1	Draping for Fashion Design, 5 <sup>th</sup> Edition, Nurseries, Hilde Jaffe and Rose Mary Torre, Pearson Prentice Hall Publications, United States, 2012.					
2	The Art of Fashion Draping, Connie Amadan Crawford, Fair Child Publications, New York, 2005.					
3	Draping for Apparel Design – 3 <sup>rd</sup> Edition, Helen Joseph and Armstrong, India, Bloomsbury Publications India Ltd, 2013.					
<b>Reference Books</b>						
1	Cutting and Draping Special Occasion Cloths: Designs for Party wear and Evening wear, Dawn Cloak, London, Batsford, 1998.					
2	Dress Design, Draping and Flat Pattern Making, Marion Strong Hillhouse and Evelyn A. Mansfield, Houghton Mifflin Company, United States, 1948.					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						

1	<a href="https://style2designer.com/apparel/draping-mannequin/what-is-draping-technique-and-its-process/">https://style2designer.com/apparel/draping-mannequin/what-is-draping-technique-and-its-process/</a>
2	<a href="https://www.aicp.fr/portfolio-items/moulage-technique-du-moulage/?lang=en#:~:text=Draping%2C%20the%20most%20ancient%20of,to%20create%20a%20fabric%20prototype.">https://www.aicp.fr/portfolio-items/moulage-technique-du-moulage/?lang=en#:~:text=Draping%2C%20the%20most%20ancient%20of,to%20create%20a%20fabric%20prototype.</a>
Course Designed By: Ms. Narmadha Devi V.N	

<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>CO1</b>	M	M	L	L	S	M	L
<b>CO3</b>	M	S	M	M	S	S	L
<b>CO3</b>	S	M	L	M	S	S	L
<b>CO4</b>	S	S	L	S	S	S	L
<b>CO5</b>	M	M	M	M	S	S	L

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

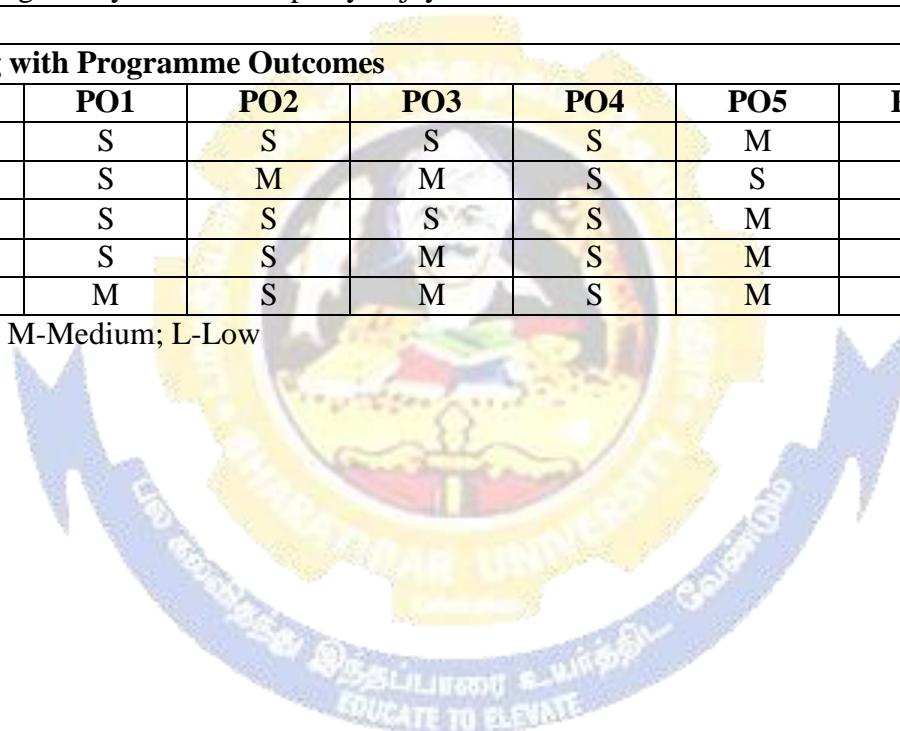


Course code	5ZP	DESIGN DEVELOPMENT PRACTICAL	L	T	P	C
<b>Skill Based Subject</b>		<b>Skill Based Subject III</b>	-	-	5	3
<b>Pre-requisite</b>		<b>Advanced knowledge in garment designs</b>	<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>To impart knowledge of the development of traditional, party &amp; bridal wears with reference to origin, production, material, colour and motifs.</li> <li>To acquire construction &amp; finishing techniques of couture collections.</li> <li>To familiarize students with the growing trends in bridal wear market.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Analyze the contemporary design in terms of style details, colors, fabric & trims					K4
CO2	Create modifications in silhouette and components to come up with a new concept in bridal wear segments					K6
CO3	Apply print designs, patterns, art inspirations and textures to the couture garments.					K3
CO4	Understand the appropriate textile materials for the development of traditional, party and bridal collection					K2
CO5	Create a design according to market requirements and latest trends					K6
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Part A</b>						<b>25 hours</b>
Design Development for traditional, party wear and bridal wear segments.						
<ol style="list-style-type: none"> <li>Recent print research</li> <li>Repeated pattern and types</li> <li>Inspiration from art</li> <li>Texture variations</li> <li>Bio mimicry in fashion</li> </ol>						
<b>Part B</b>						<b>25 hours</b>
<ol style="list-style-type: none"> <li>Silhouette modifications</li> <li>Study on various garment component modifications</li> <li>Application of cut-make-trim for the new modern trends</li> </ol>						
<b>Part C</b>						<b>25 hours</b>
<ol style="list-style-type: none"> <li>Study on wedding dress-Across countries. Design and construct a garment based on their culture.</li> <li>Fashion design for the plus size. Sketch a kurta and salwar for Indian plus size women and construct the same</li> <li>Design and construct a red carpet –couture segments garments with high end trims and accessories.</li> </ol>						
					<b>Total Lecture hours</b>	<b>75 hours</b>

<b>Text Book(s)</b>	
1	Couture Sewing Techniques 19 <sup>th</sup> Edition, Claire B. Schaeffe, Taunton Press, US, 2001.
2	The Dress Making: The Handbook of Couture Sewing Techniques. Essential step-by-step techniques for professional results – 21 <sup>st</sup> edition, Lynda Maynard, Interweave Press, US, 2010.
3	Couture Bridalwear: Pattern Layout and Design, Margot Arendse, Brassey's, US, 2000.
<b>Reference Books</b>	
1	The Metric Pattern Cutting for Women's Wear – 5 <sup>th</sup> Edition, Winifred Aldrich, Black Well Publishers, Australia, 2008.
2	Creative Clothing Construction, Bane, A., Mc Graw-Hill Book, New York, 1966.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.careeraddict.com/become-wedding-dress-designer">https://www.careeraddict.com/become-wedding-dress-designer</a>
Course Designed By: Mr. G. Boopathy Vijay	

<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>CO1</b>	S	S	S	S	M	S	M
<b>CO3</b>	S	M	M	S	S	S	M
<b>CO3</b>	S	S	S	S	M	S	M
<b>CO4</b>	S	S	M	S	M	S	L
<b>CO5</b>	M	S	M	S	M	S	S

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



<b>Course Code</b>	<b>57V</b>	<b>INTERNSHIP TRAINING</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Project</b>		<b>Viva Voce</b>	-	-	-	<b>2</b>
<b>Pre-requisite</b>	<b>Basic knowledge in designing and garment industry</b>		<b>Syllabus Version</b>	<b>2021-2022</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Students will be visiting different manufacturing units and will experience practical learning</li> <li>2. Students will be able to create data and informations</li> <li>3. Student will be able to record all the data through internship record which will be presented at the end of the training</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	The schedule of the internship should be divided into various departments					K2
CO2	Complete data should be collected for individual department and industry process wise based on an approved questionnaire					K3
CO3	All the collected data should be reviewed and accumulated					K4
CO4	Report preparation should be done					K4
CO5	A proper presentation should be made by the student upon which the student will get a clear view of industrial process					K5
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create</b>						
<b>INTERNSHIP GUIDELINES</b>						
<p>The students have to undergo full day training in Spinning / weaving / Knitting / Dyeing / Printing / Finishing/ Washing / Designing/ Sewing and relate areas of apparel production and designing. Visit to industry should be such that it covers the most of the segments of apparel industry and the time spent in each segment should also be uniform.</p> <p>Students can undergo individually or a batch of maximum 4 nos. only will be allowed for training.</p> <p>Training can be planned for stretch of 3 weeks in mid of semester or 2 days per cycle of 6 days.</p> <p>The faculty in charge will give all the formats and guidelines for preparing report.</p> <p>The students have to record all the required information and observations during training and submit a rough copy within 5 days after completion of training.</p> <p>Students have to submit the attendance copy and performance card to the faculty in charge, obtained from the respective authority of company with seal and signature. Standard format for the above documents will be given by the department. The report format and request letter from the Department should be collected by the students from the Department before the start of the training.</p> <p>Student must present for review meeting to assess the progress conducted during training period. The students will be assessed based on their Training report, Viva-Voce examination and the PPT presentation by the Internal Domain Experts and department faculty members.</p>						



<b>Text Book(s)</b>	
1	The Impact of Globization in a developing Market, A.Anthony, Mary Joseph.T, Published by SMEs in Indian Textile, 2010.
2	Analysing Sample Production Processes in the Apparel Industry and a Model Proposal, Published by Magic world of textiles, 2012.
<b>Reference Books</b>	
1	The Successful Internship. United States, King, Mary A., and Sweitzer, H. Frederick., Cengage Learning 2013.
<b>Related Online Contents</b>	
1	<a href="https://clothingindustry.blogspot.com/2018/09/sampling-process-apparel-industry.html">https://clothingindustry.blogspot.com/2018/09/sampling-process-apparel-industry.html</a>
2	<a href="http://textilemerchandising.com/garments-sampling-process/">http://textilemerchandising.com/garments-sampling-process/</a>
Course Designed By: Ms.Arundhati Ghosal	

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	S	L	L	M	S	S
CO2	M	S	L	M	M	S	S
CO3	M	M	L	L	M	L	S
CO4	M	S	M	L	S	L	S
CO5	M	S	L	L	L	L	S

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



Course code	63A	FASHION BUSINESS AND COMMUNICATION	L	T	P	C
Core		Paper VIII	5	-	-	4
Pre-requisite	Advanced knowledge about fashion concepts and fashion markets		Syllabus Version		2021-2022	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Enable students to know about fashion cycle.</li> <li>2. Understand the importance of fashion forecasting.</li> <li>3. Explain on Fashion communication and visual merchandising.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember Fashion cycle and role of fashion designers					K1
CO2	Understand how to forecast fashion					K2
CO3	Apply various effective communication methods between buyer and consumer					K3
CO4	Analyse various levels of fashion business					K4
CO5	Evaluate on fashion styling and strategy					K5
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Fashion Environment</b>					<b>15 hours</b>
Fashion environment-Introduction to fashion industry – Fashion environment – Demographic & Psychographic, Economic, Sociological and psychological factors – Fashion cycle. Fashion business – Designers role, manufacturer’s role and retailer’s role. Leaders of fashion – Theories of fashion adoption.						
<b>Unit:2</b>	<b>Fashion Forecasting</b>					<b>15 hours</b>
Fashion Forecasting – Fashion forecasting – Need for forecasting – Forecasting agencies – Role of forecasting agencies – Fashion direction and recent trends – Product development – product mix, factors affecting product mix.						
<b>Unit:3</b>	<b>Fashion Designers and Merchandisers</b>					<b>15 hours</b>
Fashion business – Scope of fashion business – Primary level, secondary level and retail level – Type of fashion designers – Role of fashion designers – Indian fashion designers – Principles of merchandising – Types of merchandising – Role of merchandiser – Effect of Consumer – Types of buyers – communication with buyers and consumers.						
<b>Unit:4</b>	<b>Fashion Communication</b>					<b>15 hours</b>
Fashion communication-scope, need of fashion communication in fashion industry. Fashion Photography, information graphics, animation, experiential design.						
<b>Unit:5</b>	<b>Visual Merchandising</b>					<b>12 hours</b>
Visual Merchandising, Design strategy, fashion styling, publication design, prop design, set design, traditional folk media, and fashion journalism for new media.						
					<b>Total Lecture hours</b>	<b>75 hours</b>
<b>Text Book(s)</b>						
1	Inside the Fashion Business, 7 <sup>th</sup> edition, Bennet, Coleman and O Ltd, Mumbai, 1998.					
2	Visual Merchandising and Display, 6 <sup>th</sup> edition, Martin M. Pegler, Fairchild Books, UK, 2011.					
3.	New Trends in Visual Merchandising – Retail Display Ideas that encourage Buying, Judy Shepard, Harper Design Publishers, New York, 2013.					
4.	Retail fashion Promotion and Advertising, Drake et.al., Macmillan Publications Company, Karnataka, 1991.					

<b>Reference Books</b>	
1	Fashion Marketing Communications, Gaynor Lea, Greenwood Publications, US, 2013.
2	Fashion from Concept to Consumer, 9 <sup>th</sup> edition, Gini Stephens Fringes, Pearson Education Ltd, Harlow, 2014.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.sustainyourstyle.org/old-environmental-impacts">https://www.sustainyourstyle.org/old-environmental-impacts</a>
2	<a href="https://www.sustainyourstyle.org/old-environmental-impacts">https://www.sustainyourstyle.org/old-environmental-impacts</a>
3	<a href="https://design.careers360.com/articles/know-all-about-fashion-communication#:~:text=Fashion%20communication%20is%20a%20specialised,the%20fashion%20and%20lifestyle%20industry.">https://design.careers360.com/articles/know-all-about-fashion-communication#:~:text=Fashion%20communication%20is%20a%20specialised,the%20fashion%20and%20lifestyle%20industry.</a>
4	<a href="https://www.thebalancesmb.com/the-5-most-important-elements-of-visual-merchandising-2890501">https://www.thebalancesmb.com/the-5-most-important-elements-of-visual-merchandising-2890501</a>
5	<a href="https://study.com/academy/lesson/what-is-visual-merchandising-definition-objectives-types.html">https://study.com/academy/lesson/what-is-visual-merchandising-definition-objectives-types.html</a>
6	<a href="https://www.justdesigninstitute.com/fashion-designer-and-fashion-merchandiser-differences/#:~:text=Fashion%20designers%20conceptualise%20clothing%20and,fashion%20designer%20and%20fashion%20merchandiser.">https://www.justdesigninstitute.com/fashion-designer-and-fashion-merchandiser-differences/#:~:text=Fashion%20designers%20conceptualise%20clothing%20and,fashion%20designer%20and%20fashion%20merchandiser.</a>
Course Designed By: Mr. G. Boopathy Vijay	

<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>CO1</b>	M	S	M	L	M	S	M
<b>CO2</b>	M	S	M	L	M	S	L
<b>CO3</b>	S	S	S	M	L	S	L
<b>CO4</b>	M	S	S	M	M	S	S
<b>CO5</b>	S	S	S	L	S	S	M

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

Course code	63B	GARMENT PRICING AND TRADE DOCUMENTATION	L	T	P	C
<b>Core</b>		<b>Paper IX</b>	5	-	-	4
<b>Pre-requisite</b>	<b>Fundamentals of business</b>		<b>Syllabus Version</b>	<b>2021 – 2022</b>		
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Explain principles of costing in international trading.</li> <li>2. Understand the requirement of firm establishments and documents.</li> <li>3. Enable students to learn about import and customs procedures.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember costing system and its types					K1
CO2	Understand about cost estimation for international and domestic products					K2
CO3	Apply right method for licensing					K3
CO4	Analyse documents on import and export trading					K4
CO5	Evaluate cost estimation of raw materials used in textile industry					K5
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Principles Of Costing</b>				<b>15 hours</b>	
Requirements of Good Costing System – Cost Unit – Types of Costs. Elements of Cost – DirectMaterialCost – DirectExpenses – DirectWages – IndirectMaterials – IndirectExpenses – IndirectLabour – Overheads – Production Overhead – Administrative Overhead – Selling Overhead Distribution Overhead – Prime Cost – Work Cost – Cost of Production – Total Cost.						
<b>Unit:2</b>	<b>Cost Estimation</b>				<b>15 hours</b>	
Cost estimation for Yarn, Knitted Fabric, woven fabric, Dyeing, Printing & Finishing. Cost Estimation for Cutting, Stitching, Checking, Packing, Forwarding, Shipping, Insurance Etc., - INCO Terms & its Relationship with costing. Estimation of factory cost for different knitwear and woven products. Various factors to be considered in costing for Domestic products & International Products.						
<b>Unit:3</b>	<b>Firm Establishment</b>				<b>15 hours</b>	
Introduction – Export Promotion Councils and their role – Registration formalities – RCMC – IE Code– RBI Code. Foreign trade documents: Need, rationale and types of documents relating to goods –Invoice – Packing note and list – Certificate of origin – Certificate relating to shipments – Mate receipt – Shipping bill – Caret ticket – Certificate of measurement – Bill of Lading – Air Way Bill –Documents Relating To Payment – Letter Of Credit – Bill Of Exchange – Letter of Hypothecation –Bank Certificate for Payment – Document relating to inspection – Certificate of Inspection – GSP And other forms.						
<b>Unit:4</b>	<b>Import Procedure</b>				<b>15 hours</b>	
Import License – Procedure for Import License – Import Trade Control Regulation Procedure – Special Schemes – Replenishment License – Advance License – Split Up License – Spares for after Sales Service License – Code Number – Bill of Entry.						
<b>Unit:5</b>	<b>Shipment And Customs</b>				<b>15 hours</b>	
Pre Shipment Inspection and Quality Control – Foreign Exchange Formalities – Pre Shipment Documents. Shipment of Goods and Port Procedures – Customs Clearance of Import Cargo Post Shipment: Post – Shipment Formalities and Procedures – Claiming Duty Drawback and other Benefits.						
					<b>Total Lecture hours</b>	<b>75 hours</b>

<b>Text Book(s)</b>	
1	Cost Accounting, S.P.Jain and KL, Narang, Kalyani Publishers, New Delhi, 2005.
2	Cost Accounting, R.S.N. Pillai and V. Bagavathi, S. Chand and Company Ltd., New Delhi, 2004.
<b>Reference Books</b>	
1	Hand Book of Import and Export Procedures, Paras Ram, EILM University, Sikkim, 2001.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://apparelcosting.blogspot.com/2017/05/apparel-costing-principles.html">https://apparelcosting.blogspot.com/2017/05/apparel-costing-principles.html</a>
2	<a href="https://clothingindustry.blogspot.com/2019/02/export-procedure-readymade-garments.html#:~:text=Export%20process%20of%20garments%20products,mandatory%20document%20for%20customs%20clearance.">https://clothingindustry.blogspot.com/2019/02/export-procedure-readymade-garments.html#:~:text=Export%20process%20of%20garments%20products,mandatory%20document%20for%20customs%20clearance.</a>
Course Designed By: Ms. Arundhati Ghoshal	

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	S	S	M	M	M	S
CO2	M	S	M	L	L	M	S
CO3	L	M	L	L	L	L	S
CO4	L	S	M	L	L	L	S
CO5	L	S	M	M	M	M	S

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



<b>Course code</b>	<b>67V</b>	<b>DESIGN COLLECTION</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Project</b>		<b>VivaVoce</b>	-	-	<b>6</b>	<b>4</b>
<b>Pre-requisite</b>		<b>Advanced knowledge in designing and stitching</b>	<b>Syllabus Version</b>		<b>2021 - 2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Help students to prepare customer profile and market research</li> <li>2. Develop forecast board, mood board etc.</li> <li>3. Stitch garments based on the theme chosen.</li> <li>4. Present the garment with portfolio, explaining the boards in detail with techpack.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Remember the procedures to select the theme					K1
2	Understand the concepts of various boards in portfolio					K2
3	Apply creativity onto the garments designed in computer software					K3
4	Analyse the current fashion trend and forecast the market					K4
5	Create unique their own designs to become a fashion designer					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Forecasting and Presentation</b>					<b>90 hours</b>	
<b>MARKET ANALYSIS &amp; FORECASTING</b>						
Each student should prepare their customer profile and conduct market analysis in a selected location on fashion trend and direction. On the data collected they should make forecast, develop forecast board for style and color, design their collection based on a theme and stitch garments accordingly. The collection should consist of 10 designs.						
<b>PRESENTATION AND EVALUATION</b>						
Each student should submit a complete project report in the prescribed format and need to produce presentation and attend viva voce thereafter.						
<b>Total Lecture hours</b>					<b>90 hours</b>	
<b>Text Book(s)</b>						
1	The style source book - Judith Miller, Stewart, Tabori and Chang, Newyork, 1998.					
2	The creative book of fashion - Vol 1 - Sebastian Zachariah, Higher Ground Communications, US, 2001.					
<b>Reference Books</b>						
1	Naturally 70s Fabric - Constance Korosec and Leslie Pina, Schiffer Publishing, USA, 1999.					
2	Natural Fabrics, Ian Mankin, UK, 2000.					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://successfulfashiondesigner.com/fashion-portfolio/fashion-portfolio-checklist/">https://successfulfashiondesigner.com/fashion-portfolio/fashion-portfolio-checklist/</a>					
Course Designed By: Ms. K.Swetha						

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	S	S	S	S	S	L
CO2	S	S	S	S	M	S	L
CO3	S	S	S	S	L	S	M
CO4	S	S	S	S	L	S	M
CO5	S	S	S	S	S	S	M

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



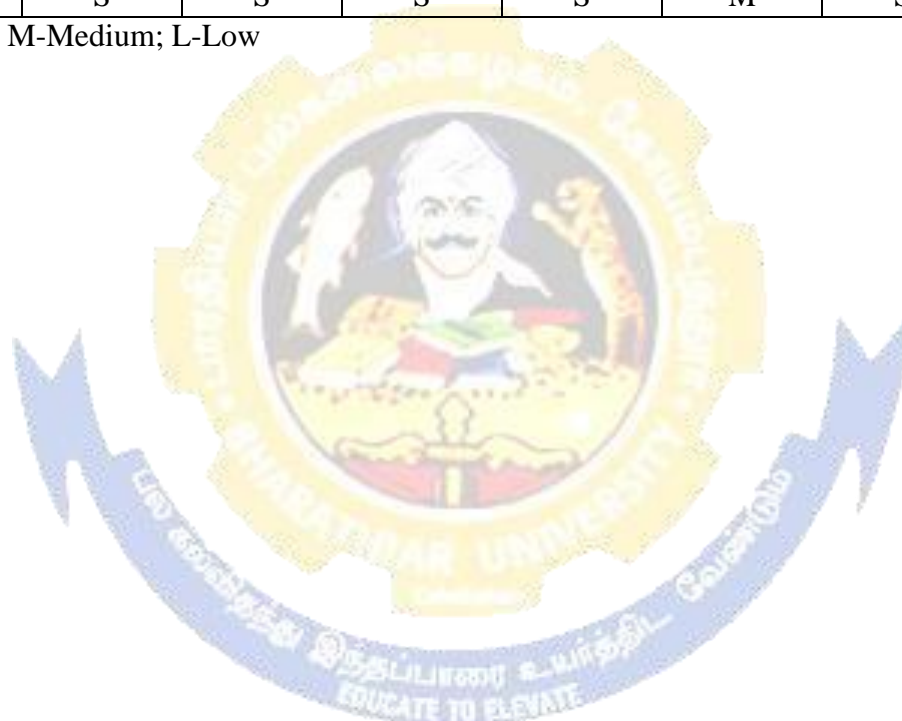


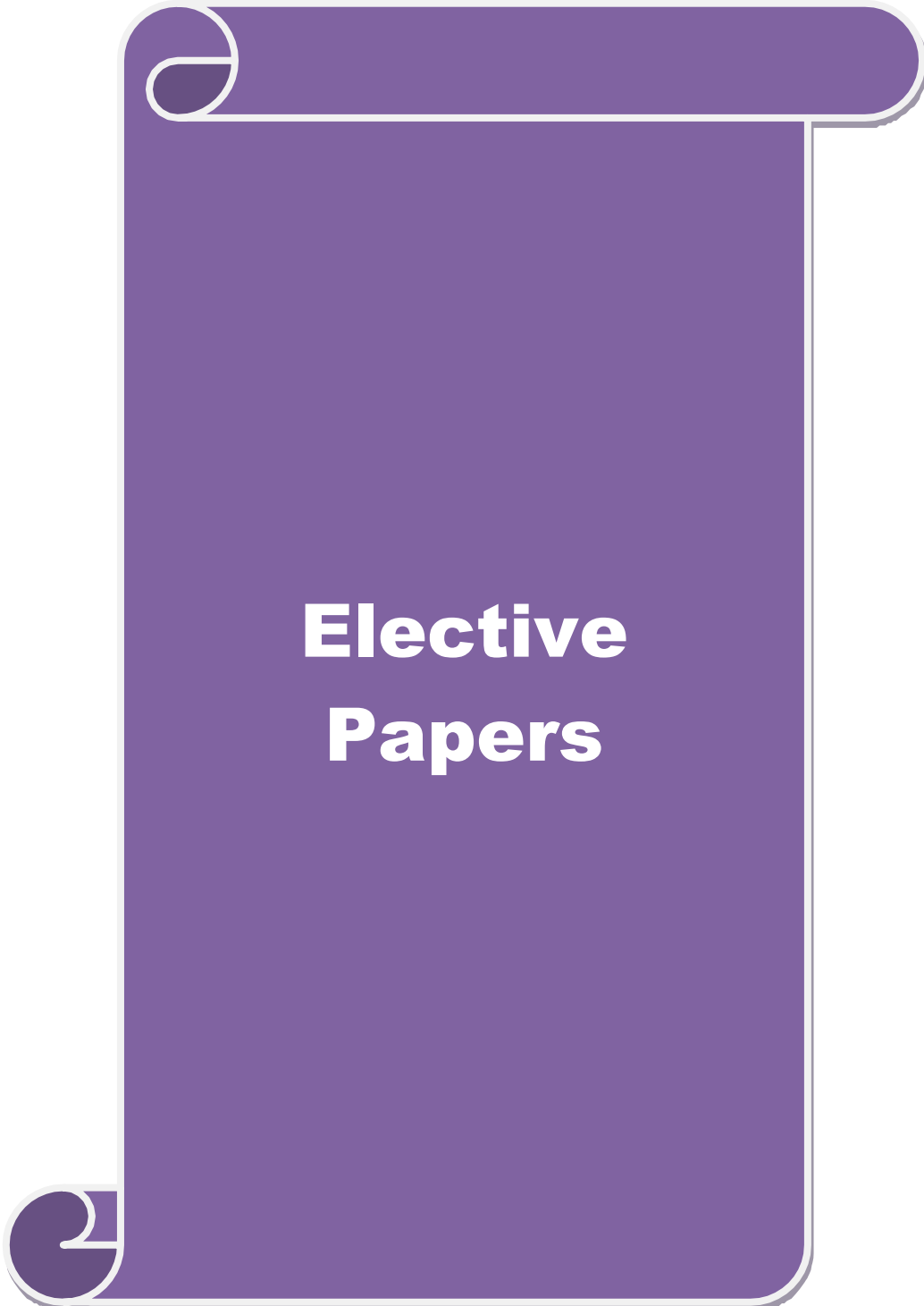
<b>Course code</b>	<b>6ZP</b>	<b>COMPUTER AIDED PATTERN MAKING PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Skill Based Subject</b>	<b>Skill Based Subject IV</b>		-	-	5	3
<b>Pre-requisite</b>	<b>Basic knowledge of pattern making and computer handling skills</b>		<b>Syllabus Version</b>		<b>2021 – 2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Create patterns by using CAD software.</li> <li>2. Help students understand about the tools used to create various garment styles.</li> <li>3. Enable students to learn the concept of cost optimization by using marker planning and marker efficiency digitally.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the tools to be used for various garment styles					K1
CO2	Understand the importance of digitised software for pattern					K2
CO3	Apply variations onto the garment by varying patterns					K3
CO4	Analyse fit of the given pattern					K4
CO5	Create digitized patterns for customized garment styles					K6
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>CAD tools and Garment styles</b>				<b>75 hours</b>	
<b>CAD software is used to practice the following on the styles mentioned,</b>						
<ol style="list-style-type: none"> <li>1. Create Pattern on computer screen, adding details to patterns.</li> <li>2. Saving, extracting &amp; editing patterns from stock library of Patterns.</li> <li>3. Grading patterns on different size scale.</li> <li>4. Making Marker plan for cutting fabrics.</li> <li>5. Estimating lay length and calculating marker efficiency.</li> <li>6. Fit analysis of the given pattern.</li> </ol>						
<b>Styles</b>						
<ol style="list-style-type: none"> <li>7. Men's Basic T Shirt</li> <li>8. Raglan with Pocket</li> <li>9. Men's Polo T Shirt</li> <li>10. Men's Trouser</li> <li>11. Men's T-Shirt with hood</li> <li>12. Men's Inner Garment – Vests RN / RNS</li> <li>13. Briefs</li> <li>14. Ladies Skirt</li> <li>15. Women's Nightwear</li> <li>16. Kid's Wear – Romper</li> <li>17. Kid's Wear – A Line frock</li> <li>18. Children's Suits and Pyjama</li> </ol>						
					<b>Total Lecture hours</b>	<b>75 hours</b>
<b>Text Book(s)</b>						
1	Computer Aided Pattern Design Product Development, Asim Kumar, Roy Choudry, Pai & Son Book Seller, Coimbatore, 2001.					
2	Pattern Cutting for Clothing using CAD, -Lectra & Modaris, M. Stott, Woodhead Publishing, ASIN, 2012.					

<b>Reference Books</b>	
1	Manual for Computerised Design System, Renu, Mohindra, CBS Publications, New Delhi, 2016.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.goldnfiber.com/2016/10/essential-pattern-making-software-garment-industry.html#:~:text=Procedure%20of%20Pattern%20Making&amp;text=CAD%20is%20an%20i ntegrated%20system,devices%20to%20smooth%20your%20operations.">https://www.goldnfiber.com/2016/10/essential-pattern-making-software-garment-industry.html#:~:text=Procedure%20of%20Pattern%20Making&amp;text=CAD%20is%20an%20i ntegrated%20system,devices%20to%20smooth%20your%20operations.</a>
Course Designed By: Mr. T. Suresh	

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	S	S	M	S	M
CO2	S	S	S	S	S	S	L
CO3	S	S	S	S	M	S	L
CO4	S	S	S	S	S	S	L
CO5	S	S	S	S	M	S	M

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





# **Elective Papers**

Course code	5EP	CRAFT DOCUMENTATION PRACTICAL	L	T	P	C	
<b>Elective</b>		<b>Paper I A</b>	-	-	4	4	
<b>Pre-requisite</b>		<b>Basic idea about craft</b>	<b>Syllabus Version</b>		<b>2021-2022</b>		
<b>Course Objectives:</b>							
The main objectives of this course are to:							
<ol style="list-style-type: none"> <li>1. To enable students to explore the different indigenous craft traditions.</li> <li>2. To understand the craft development process from the concept to creation.</li> <li>3. To develop a complete documentation of craft manufacturing processes, finishing and presentation</li> </ol>							
<b>Expected Course Outcomes:</b>							
On the successful completion of the course, student will be able to:							
CO1	Remember the cultural & aesthetic value of the traditional crafts.					K1	
CO2	Understanding the origin, materials, methods & production process involved in the selected craft					K2	
CO3	Analyze the problems and limitations associated with the craft					K4	
CO4	Analyze the possibilities to be made for the improvement of craft					K4	
CO5	Create the craft innovations by interpreting new concept and designs					K6	
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>							
<b>Part A</b>						<b>60 hours</b>	
<p>I. Students should identify a craft on their preference and need to go internship for 10 days</p> <p>II. Students should submit their internship report along with the craft they learnt during their internship consisting of the following contents</p> <ol style="list-style-type: none"> <li>1) Introduction to the region of the craft originated</li> <li>2) Various other Crafts of the region</li> <li>3) History and origin of craft chosen</li> <li>4) Profile of the craftsman</li> <li>5) List of materials and tools used</li> <li>6) Understanding craft method and its process</li> <li>7) Installation of final product</li> <li>8) Innovation/changes made</li> <li>9) How craft reaches people</li> <li>10) Challenges and opportunities</li> </ol>							
					<b>Total Lecture hours</b>	<b>60 hours</b>	
<b>Text Book(s)</b>							
1	Crafts of India – Handmade in India – Aditi Ranjan & MP Ranjan, Council of Handicraft Development Corporations., 2007						
2	The Arts and Crafts of India and Ceylon by Coomara-Swamy, Ananda K., Nooday Press, New York, 1964.						
3	Craft Atlas of India By Jaya Jaitly, Niyogi Books, New Delhi, 2012.						
<b>Reference Books</b>							
1	Handicrafts of India (All India Handicrafts Board), Som Benegal, Ministry of Production						

	Gvt, India, 1959.
2	Craft in Education, Hans Raj Bhatia, Asia Publishing House, Hyderabad, 1962.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="http://www.dicrc.in/Craft-Documentation#:~:text=Craft%20Documentation%20is%20a%20process,documents%20and%20explains%20the%20significant">http://www.dicrc.in/Craft-Documentation#:~:text=Craft%20Documentation%20is%20a%20process,documents%20and%20explains%20the%20significant</a>
Course Designed By: Ms. R. Sneha	

<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>CO1</b>	L	L	L	L	L	L	L
<b>CO3</b>	L	L	L	L	L	L	L
<b>CO3</b>	L	L	L	L	L	L	L
<b>CO4</b>	L	L	L	L	L	L	L
<b>CO5</b>	L	L	L	L	L	L	L

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



Course code	5EQ	ADVANCED ILLUSTRATION PRACTICALS	L	T	P	C
<b>Elective</b>		<b>Paper I B</b>	-	-	4	4
<b>Pre-requisite</b>		<b>Advanced knowledge in fashion sketching</b>	<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Practice the free hand fleshed figures of different age groups showing details in different positions and angles</li> <li>2. To make the students expertise in fashion illustration principles</li> <li>3. Develop unique style to execute finished illustrations.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Create the human figure and environment, from imagination and observation				K6	
CO2	Apply skills to sketch various apparel categories for men, women and kids				K3	
CO3	Create fashion figures with background based on various themes, lifestyles and occasions				K6	
CO4	Apply visual illustration skills to communicate effectively with the clients				K3	
CO5	Create the sketches of kids, adult men and women with different postures and movements				K6	
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Part A</b>					<b>60 hours</b>	
Using art medium, the following composition of illustration should be practiced.						
<p>I. Composition – Men Illustration Men Illustration on Party and Office background.</p> <p>II. Composition – Women Illustration Women Illustration on Party and Office background.</p> <p>III. Composition – Men &amp; Women Illustration Men &amp; Women Illustration on Party and Shopping background.</p> <p>IV. Composition – Children Illustration Children Illustration on the background of Picnic.</p> <p>V. Composition Sketching the stylized Group illustration.</p> <p>VI. Outdoor Sketching.</p>						
					<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Book(s)</b>						
1	Fashion Illustration, Anna Kiper, David & Charles Book, UK, 2011.					
2	Elizabetta Drudi and Tiziana, (2010), Figure Drawing for Fashion Design, Pepin Press, Netherland, 2010.					
3	New Fashion Illustration (New Illustration Series) English, Paperback, Martin Dawber, Batsford publishers, UK, 2006.					

<b>Reference Books</b>	
1	Fashion Illustration Children, Patric, John Ireland, BT Bastford Ltd, UK. , 2005.
2	Fashion Rendering with Colours, Bina Abling, New Jersey, Prentice Hall, 2001.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://en.wikipedia.org/wiki/Fashion_illustration#:~:text=Fashion%20Illustration%20is%20the%20art,ideas%20on%20paper%20or%20digitally.">https://en.wikipedia.org/wiki/Fashion_illustration#:~:text=Fashion%20Illustration%20is%20the%20art,ideas%20on%20paper%20or%20digitally.</a>
Course Designed By: Mr. T. Suresh	

<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>CO1</b>	M	L	L	L	L	M	L
<b>CO3</b>	M	M	L	M	M	S	L
<b>CO3</b>	M	L	L	L	L	S	L
<b>CO4</b>	M	L	L	L	L	S	L
<b>CO5</b>	M	L	L	L	L	S	L

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

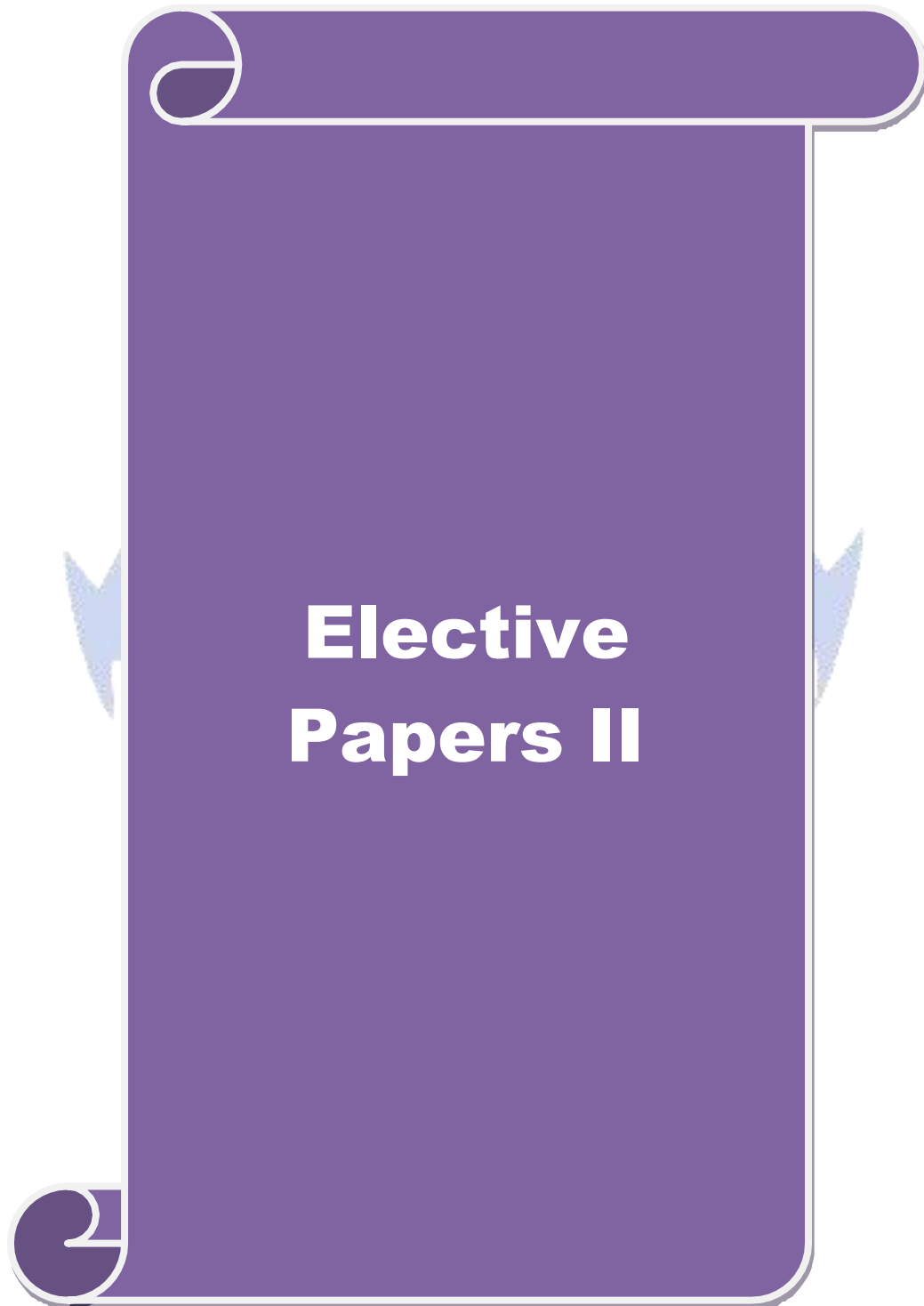


<b>Course code</b>	<b>5ER</b>	<b>FASHION ETHNOGRAPHY PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Elective</b>	<b>Paper III C</b>			-	-	<b>4 4</b>
<b>Pre-requisite</b>	<b>Basic knowledge in selection of retail outlet, ethical communication and basic brands in various segment</b>			<b>Syllabus Version</b>	<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Learn different cultures of the society esp. in textile field.</li> <li>2. Enable students to learn about home furnishing sector/designer/cosmetic/any apparel field.</li> <li>3. Analyze the entire concepts behind the start-up of the boutique.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the steps to analyse the subject on fashion field chosen					K1
CO2	Understand the idea behind the start-up of the boutique					K2
CO3	Apply the concepts, ideas and experiences gained from the internship					K3
CO4	Analyse the sectors and take history of products					K4
CO5	Create questionnaires to understand the target customer					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
						<b>75 hours</b>
<b>PRACTICALS:</b> The research is confined to cosmetics, apparels, and home furnishing.						
I. Select one famous shop/community/individual from the given sector						
II. Secondary research: Study the history of at least two good						
III. Shop/community/individual from the given area. Make a research on how they started, where, when and why they started.						
IV. Understand the sector where they are doing their business. Understand the customers taste and preference from those coming to the shop/community (Record visually).						
V. Prepare questionnaire for customers and shop/community/individual						
VI. Interview the customer, shop/community/individual (Record visually)						
<b>PRESENTATION AND EVALUATION:</b> Each student should make a complete report in power point presentation on their research along with their visuals.						
<b>Total Lecture hours</b>						<b>75 hours</b>
<b>Text Book(s)</b>						
1	Retail fashion Promotion and Advertising, Drake et.al, Macmillan Publications Company, Karnataka, 1991.					
<b>Reference Books</b>						
1	Thinking through Fashion, A guide to key Theorists, Agnes Rocamora and Anneke Smelik, I.B. Tauris & Co. Ltd, London, 2016.					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://mimizseto.com/tag/fashion-ethnography/">https://mimizseto.com/tag/fashion-ethnography/</a>					
2	<a href="https://www.materialculture.nl/en/events/curating-fashion-and-out-ethnographic">https://www.materialculture.nl/en/events/curating-fashion-and-out-ethnographic</a>					
Course Designed By: Ms. K. Swetha						

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	M	L	M	S	S
CO2	S	S	M	M	M	S	S
CO3	M	S	M	M	S	S	S
CO4	M	S	M	L	S	S	L
CO5	S	S	L	L	L	S	L

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





<b>Course code</b>	<b>6EP</b>	<b>FASHION PHOTOGRAPHY PRACTICAL</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Elective</b>	<b>Paper II A</b>		-	-	4	4
<b>Pre-requisite</b>	<b>Basic knowledge about garment presentation and camera</b>		<b>Syllabus Version</b>		<b>2021 - 2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Understand the concepts of photography and editing process.</li> <li>2. Give ideas on developing a photo and enable photography techniques in various fields.</li> <li>3. Enable students to know about image editing with special effects.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember general principles of photography					K1
CO2	Understand the lighting techniques for indoor or outdoor photography					K2
CO3	Apply the techniques in the field of modelling, magazine, fashion shows etc...					K3
CO4	Evaluate the right image selection for the purpose of photography					K4
CO5	Create images with the help of computer applications					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>						<b>60 hours</b>
<b>Photography:</b>						
I. Product Photography						
II. Modelling Photography						
III. Indoor & Outdoor Photography						
<b>Experiments:</b>						
<b>Special effects:</b>						
I. Black & White Image						
II. Gray Scale Image						
III. Mono Colour Image						
V. Negative Image						
VI. Cut Colour Image						
<b>Image editing:</b>						
I. Collage work						
II. Creative image editing						
III. Creative layout						
					<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Book(s)</b>						
1	Basic Industrial Arts, Plastics, Graphics Arts, W.R. Miller, Power Mechanics, Mcknight & McKnight Publishing Company, US, 1978.					
2	Photography, Illinois, McKnight Publishing Company, US, 1978.					
<b>Reference Books</b>						
1	Photography Course, John Hedge, John Hedge Co, UK, 1992.					
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>						
1	<a href="https://shutterstoppers.com/photoshop-tutorial-fashion-photography#:~:text=A%20simple%20beauty%20edit%20is,can%20easily%20make%20it%20darker.">https://shutterstoppers.com/photoshop-tutorial-fashion-photography#:~:text=A%20simple%20beauty%20edit%20is,can%20easily%20make%20it%20darker.</a>					
2	<a href="https://enviragallery.com/editing-fashion-photography-for-beginners/">https://enviragallery.com/editing-fashion-photography-for-beginners/</a>					
Course Designed By: Mr. T. Suresh						

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	S	L	L	S	L
CO2	M	M	S	L	L	S	L
CO3	S	S	S	L	M	S	M
CO4	M	L	S	M	L	S	M
CO5	S	L	S	M	L	S	L

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



Course code	6EQ	COMPUTER AIDED TEXTILE DESIGNING PRACTICAL	L	T	P	C
Elective		Paper II B	-	-	4	4
Pre-requisite		Basic knowledge about woven fabric structure and computer knowledge	Syllabus Version		2021 – 2022	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Develop textile designs using software.</li> <li>2. Enrich knowledge on weaves, colour combinations and presentations.</li> <li>3. Know various manipulation techniques in creating unique designs.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
1	Remember various software tools and their functions					K1
2	Understand the concepts of design manipulation					K2
3	Apply stripes, plaids and dobby designs					K3
4	Analyse the development of jacquard designs					K4
5	Create new designs using colours and weaves selection concepts					K6
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
						<b>75 hours</b>
The textile designing software is utilized for the following practice,						
<ol style="list-style-type: none"> <li>1. Motif design, color reduction and cleaning.</li> <li>2. Manipulation of motifs to layouts and patterns.</li> <li>3. Creating designs-traditional, floral, conversational and abstract.</li> <li>4. Horizontal stripes, vertical stripes and plaids.</li> <li>5. One-way, two-way, half-drop and tossed lay outs.</li> <li>6. Dobby designing – Stripes, Checks, twills, sateen and diamond weaves.</li> <li>7. Color combinations and color ways. Presentation of designs.</li> <li>8. Development of jacquard designs using – colour and weave selection concepts – shade and thread balance.</li> <li>9. Development of jacquard designs – Spot figuring – Drop.</li> <li>10. Development of jacquard designs – Ogee base, Diamond base, Sateen base</li> <li>11. Multi layer design- extra warp/ weft design concepts.</li> </ol>						
<b>PRESENTATION</b>						
Each student should submit a printed record carrying all the works done on the above area with necessary descriptions.						
<b>Total Lecture hours</b>						<b>75 hours</b>
<b>Text Book(s)</b>						
1	Handbook of Weaving, Sabit Adanur, Technomic Publishing Company, Inc, USA, 2018.					
2	Fabric Forming, SSM ITT Co operative stores Ltd, B.Hasmukhrai, Komarapalayam, 2018.					
<b>Reference Books</b>						
1	Principles of Weaving, R.Marks, A.T.C. Robinson, The Textile Institute, Manchester, 1998.					
2	Design of Woven Fabrics, Blinov.I, Belay.S, MIR Publishers, Moscow, 1988.					

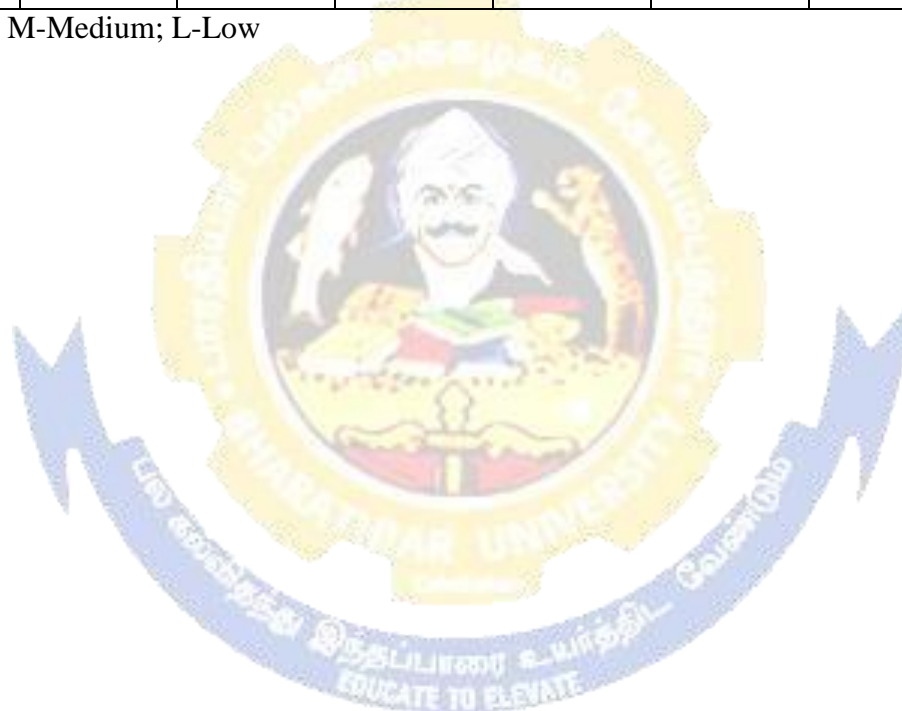
**Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]**

1	<a href="https://study.com/academy/lesson/how-is-cad-cam-used-in-textiles.html#:~:text=CAD%20means%20computer%20aided%20design%20and%20CAM%20means%20computer%20aided,knitted%20patterns%20or%20embroidery%20designs.">https://study.com/academy/lesson/how-is-cad-cam-used-in-textiles.html#:~:text=CAD%20means%20computer%20aided%20design%20and%20CAM%20means%20computer%20aided,knitted%20patterns%20or%20embroidery%20designs.</a>
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Course Designed By: Ms. Narmadha Devi V.N

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	S	S	S	S	S	S	M
CO2	S	S	S	S	S	S	M
CO3	S	S	S	S	S	S	M
CO4	S	S	S	S	M	S	S
CO5	S	S	S	S	M	S	M

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



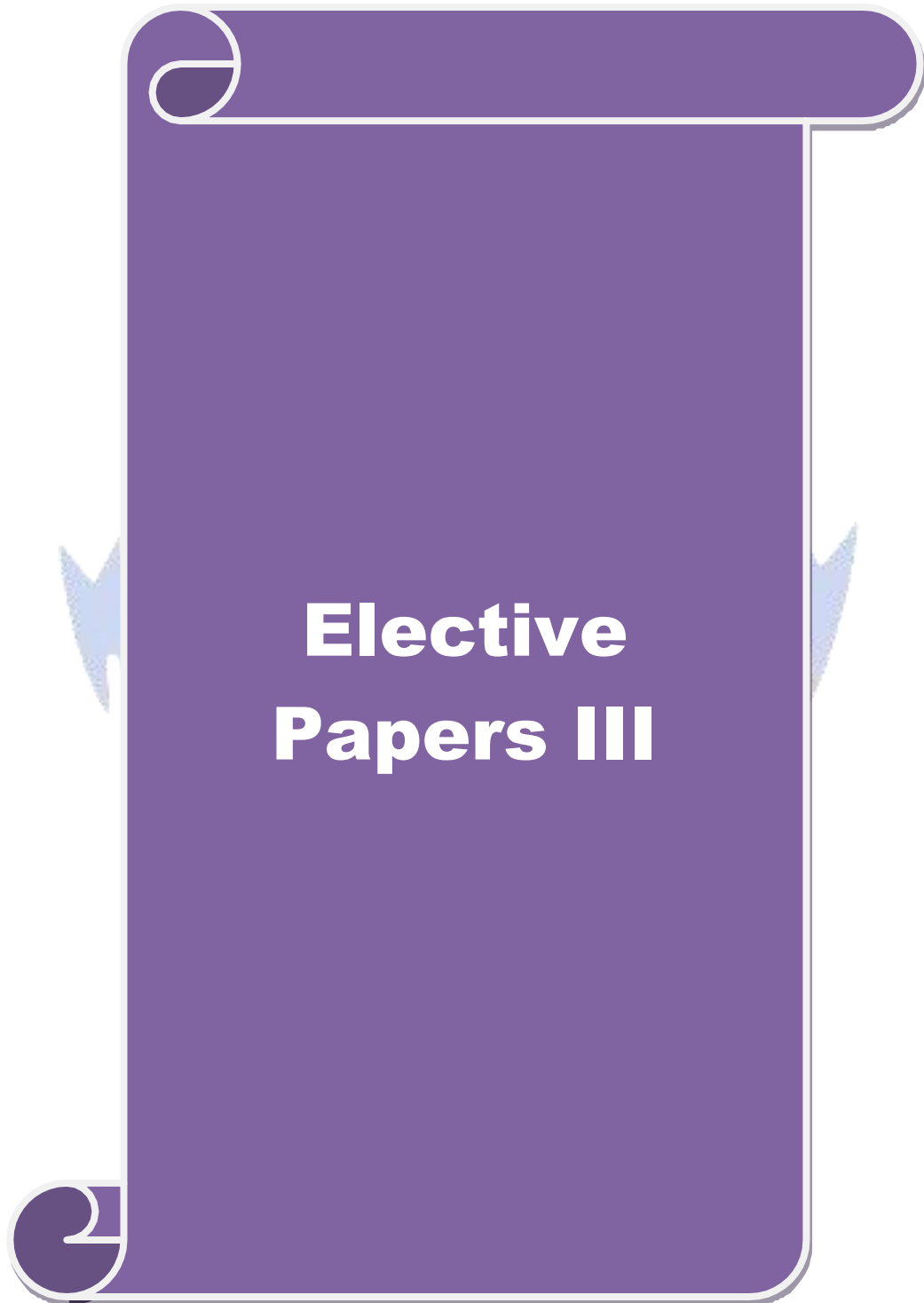
Course code	6ER	FASHION PRESENTATION AND CHOREOGRAPHY	L	T	P	C
<b>Elective</b>		<b>Paper II C</b>	-	-	4	4
<b>Pre-requisite</b>		<b>Knowledge in garment categories, garment presentation and fashion show</b>	<b>Syllabus Version</b>		<b>2021 - 2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Know everything about fashion shows and choreography.</li> <li>2. Enable students to select the target audience and work accordingly.</li> <li>3. Help students to know about planning, promoting and procedures to be followed.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember fashion show types and presentations					K1
CO2	Understand the target customer and selecting themes based on the type of show					K2
CO3	Apply creativity in props, runway stages and lighting					K3
CO4	Analyse models for the fashion show relevant to the theme					K4
CO5	Create new models and train them professionally					K6
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Fashion Show</b>					<b>15 hours</b>
Fashion Show for selling merchandise – Additional reasons for producing Fashion Shows – Fashion Show’s finale – Fashion Show Categories. Specialized fashion presentations: Haute couture shows -Ready to wear shows – Tradeshow – Trade association shows – Press shows.						
<b>Unit:2</b>	<b>Planning Fashion Show</b>					<b>15 hours</b>
Targeting the audience – Developing leadership – Creating Fashion Show themes – Finding venue – Timing the show – Protecting people and things – Estimating the budget.						
<b>Unit:3</b>	<b>Frame Work</b>					<b>15 hours</b>
Frame work for a Fashion Show: Staging – Runwaydimensions – Runwayshapes – Dressingarea – Backgrounds – Props – Seating patterns – Lighting.						
<b>Unit:4</b>	<b>Promotion And Advertising</b>					<b>15 hours</b>
Promotion – Publicity – Pressrelease – Pressphotography – Mediakit – Advertising – Magazines – Televisionand Radio – Directmarketing – Sponsorship.						
<b>Unit:5</b>	<b>Catwalk And Choreography</b>					<b>15 hours</b>
Categories of models – Career opportunities for models-(Showroom models, Runway models, Catalogue models, Advertising models, Body part models) – Modeling agencies – Professional versus amateur models – Photographic versus runway models – Trainingamateur models – Modelresponsibilities. Choreography – Opening the show – Pace – Pivots and Pauses – Mapping – Dancing – Modelgroups – Finale – Importance of choreography.						
					<b>Total Lecture hours</b>	<b>75 hours</b>
<b>Text Book(s)</b>						
1	Guide to Producing A Fashion Show, second edition, Judith C Everett, Kristen K Swanson, Fairchild Publications, Inc, New York, 2018.					
2	Silent Selling: Best Practices and Effective Strategies in Visual Merchandising, 4th Edition Judith Bell, Kate Ternus, Fairchild Publications, Inc, New York, 2011.					

<b>Reference Books</b>	
1	The Style of Movement: Fashion & Dance, Ken Browar, Deborah Ory, Pamela Golbin, Valentino, Rizoli, UK, 2019.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://winkmodels.com.au/5-steps-planning-successful-fashion-show/">https://winkmodels.com.au/5-steps-planning-successful-fashion-show/</a>
2	<a href="https://www.eventmanagerblog.com/fashion-show-planning">https://www.eventmanagerblog.com/fashion-show-planning</a>
3	<a href="https://smallbusiness.chron.com/market-fashion-show-39500.html#:~:text=Advertise%20on%20social%20media%20groups,simple%20invitation%20to%20the%20show.">https://smallbusiness.chron.com/market-fashion-show-39500.html#:~:text=Advertise%20on%20social%20media%20groups,simple%20invitation%20to%20the%20show.</a>
4	<a href="https://www.elitemodellook.com/int/en/home/vikki-burns-fashion-show-choreographer/index.htm">https://www.elitemodellook.com/int/en/home/vikki-burns-fashion-show-choreographer/index.htm</a>
Course Designed By: Mr. G. Boopathy Vijay	

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	M	S	S	M	S	S	S
CO2	S	S	S	L	M	S	S
CO3	S	S	S	M	S	S	S
CO4	L	S	S	S	S	S	S
CO5	M	M	S	L	M	S	S

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







Course code	6EA	CARE AND MAINTENANCE OF TEXTILES	L	T	P	C
<b>Elective</b>		<b>Paper III A</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Pre-requisite</b>		<b>Basic knowledge about fabric and its properties</b>	<b>Syllabus Version</b>		<b>2021-2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Study of different industry materials for cleaning, pressing and finishing textiles.</li> <li>2. To learn the appropriate equipment and procedures for the care of textile products.</li> <li>3. To understand the symbols used in textile care labeling system at an international level</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Understand the use equipment to clean and care for the variety of fabrics safely					K2
CO2	Analyze the suitable laundering techniques for a range of textile items					K4
CO3	Remember the importance of care labels in use and maintenance of textile products					K1
CO4	Understand the special laundering & stain removal techniques					K2
CO5	Analyze the proper caring technique to sustain the functional and aesthetic value of the apparels.					K4
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Clothing Care Essentials</b>					<b>12 hours</b>
Water- hard and soft water, methods of softening water. Laundry soaps – Manufacture of soap (Hot process, cold process), composition of soap types of soap, soap less detergents, chemical action, detergent manufacture, advantages of detergents.						
<b>Unit:2</b>	<b>Finishes &amp; Stiffening Agents</b>					<b>12 hours</b>
Finishes – Stiffening Agents – Starch (cold water and hot water), Other stiffening agents, preparation of starch. Laundry blues, their application.						
<b>Unit:3</b>	<b>Laundry &amp; Drying Equipments</b>					<b>12 hours</b>
Laundry equipment – for storage, for steeping and Washing – Wash board, suction washer, wash boiler, washing machine. Drying equipments – outdoor and indoor types. Irons and ironing board – types of iron (box, flat, automatic, steam iron). Ironing board – different types.						
<b>Unit:4</b>	<b>Principles of Washing</b>					<b>12 hours</b>
Principles of washing – suction washing, washing by kneading and squeezing, washing by machine – Process details and machine details. Laundering of different fabrics – cotton and linen, woolens, coloured fabrics, silks, rayon and nylon.						
<b>Unit:5</b>	<b>Special Types of Laundry &amp; Care Labels</b>					<b>12 hours</b>
Special types of Laundry – water proof coats, silk ties, leather goods, furs, plastics, lace. Dry cleaning – using absorbents, using grease solvents. Storing – points to be noted. Stain removal – food stains, lead pencil, lipstick, mildew, nose drops, paint, perfume, perspiration / mildew, tar, turmeric and kum- kum. Care labels – washing, bleaching, drying, ironing and different placements of label in garments.						
					<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Book(s)</b>						
1	Singer Sewing, Clothing Care and Repair (Singer Sewing Reference Library).					
2	Care and Maintenance of Textile Products Including Apparel and Protective Clothing, by Rajkishore Nayak, Saminathan Ratnapandian, CRC Press, UK, 2018.					

3	Clothing Care Manual, By Isabel Makwara Mupfumira, Nyaradzo Jinga, Strategic Book Publishing Rights Agency, UK, 2014.
<b>Reference Books</b>	
1	Care of Textiles and Costumes: Adaptive Techniques for Basic Maintenance, Caroline Kohn Keck, American Association for State and Local History, 1974.
2	Laundry: The Home Comforts Book of Caring for Clothes and Linens, Cheryl Mendelson, Simon and Schuster, Scribner Publishers, US, 2009.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.bhg.com/homekeeping/laundry-linens/clothes/how-to-wash-clothes-by-hand/">https://www.bhg.com/homekeeping/laundry-linens/clothes/how-to-wash-clothes-by-hand/</a>
2	<a href="https://textilelearner.blogspot.com/2013/07/textile-finishing-processes.html">https://textilelearner.blogspot.com/2013/07/textile-finishing-processes.html</a>
3	<a href="https://www.ariel.in/en-in/how-to-wash/preparing-for-the-wash/how-to-understand-those-fabric-care-labels?gclid=EA1aIQobChMirZ-DhNn66wIVEKyWCh2i1gzVEAAYASAAEgJVIPD_BwE">https://www.ariel.in/en-in/how-to-wash/preparing-for-the-wash/how-to-understand-those-fabric-care-labels?gclid=EA1aIQobChMirZ-DhNn66wIVEKyWCh2i1gzVEAAYASAAEgJVIPD_BwE</a>
Course Designed By: Ms. K. Swetha	

<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>CO1</b>	L	S	L	L	L	L	L
<b>CO3</b>	L	S	L	L	L	L	L
<b>CO3</b>	L	S	L	L	L	L	L
<b>CO4</b>	L	S	L	L	L	L	L
<b>CO5</b>	L	S	L	L	L	L	L

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

<b>Course code</b>	<b>6EB</b>	<b>ENTREPRENEURIAL DEVELOPMENT</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Elective</b>	<b>Paper III B</b>		<b>5</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Pre-requisite</b>	<b>Basic knowledge about business requirements</b>		<b>Syllabus Version</b>		<b>2021 - 2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Enable students to understand the importance of self employment.</li> <li>2. Know about the services rendered by the institutions.</li> <li>3. Help students to know about taxations and subsidiaries.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the characteristics of entrepreneurship					K1
CO2	Understand the concept of institutional services and financial renderers					K2
CO3	Apply knowledge in project identification					K3
CO4	Analyse the nature of entrepreneurship and its phases on EDP					K4
CO5	Evaluate on subsidies and incentives for market					K5
<b>K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Concept Of Entrepreneurship</b>				<b>12 hours</b>	
Definition Nature and characteristics of entrepreneurship – function and type of entrepreneurship phases of EDP. Development of women entrepreneur & rural entrepreneur – including self employment of women council scheme.						
<b>Unit:2</b>	<b>Project Report</b>				<b>12 hours</b>	
The start– up process, Project identification – selection of the product – project formulation evaluation – feasibility analysis, Project Report.						
<b>Unit:3</b>	<b>Institutional Services</b>				<b>12 hours</b>	
Institutional service to entrepreneur – DIC, SIDO, NSIC, SISI, SSIC, SIDCO – ITCOT, IIC, KUIC and commercial bank.						
<b>Unit:4</b>	<b>Institutional finance</b>				<b>12 hours</b>	
Institutional finance to entrepreneurs: IFCI, SFC, IDBI, ICICI, TIIC, SIDCS, LIC and GIC, UTI, SIPCOT – SIDBI commercial bank venture capital.						
<b>Unit:5</b>	<b>Incentives And Subsidies</b>				<b>12 hours</b>	
Incentives and subsidies – Subsidized services – subsidy for market. Transport – seed capital assistance – Taxation benefit to SSI role of entrepreneur in export promotion and import substitution.						
					<b>Total Lecture hours</b>	<b>60 hours</b>
<b>Text Book(s)</b>						
1	Entrepreneurial Development, C.B.Gupta and N.P.Srinivasan, Sultan Chand & Sons, New Delhi, 2015.					
2	Fundamentals of Entrepreneurship and Small Business, Renu Arora and S.KI.Sood, Kalyani Publishers, India, 2015.					
3	Entrepreneurial Development, S.S.Khanka, S. Chand Publishing, India, 2006.					
4	Entrepreneurial Development, S.G.Bhanushali, Himalaya Publishing House, Karnataa, 1987.					
<b>Reference Books</b>						
1	Entrepreneurial Development, P.Saravanel, S. Chand & Co, India, 2007.					

<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.businessmanagementideas.com/entrepreneurship-2/concept-of-entrepreneurship/20312">https://www.businessmanagementideas.com/entrepreneurship-2/concept-of-entrepreneurship/20312</a>
2	<a href="https://byjus.com/commerce/what-is-entrepreneurship/">https://byjus.com/commerce/what-is-entrepreneurship/</a>
3	<a href="https://www.investopedia.com/terms/f/financialinstitution.asp">https://www.investopedia.com/terms/f/financialinstitution.asp</a>
4	<a href="https://accountlearning.com/incentives-entrepreneurs-meaning-advantages/#:~:text=Broadly%2C%20incentives%20include%20concessions%2C%20subsidies,entrepreneur%20towards%20decision%20and%20action.&amp;text=Subsidy%3A%20Subsidy%20is%20a%20financial,for%20public%20welfare%20or%20interest.">https://accountlearning.com/incentives-entrepreneurs-meaning-advantages/#:~:text=Broadly%2C%20incentives%20include%20concessions%2C%20subsidies,entrepreneur%20towards%20decision%20and%20action.&amp;text=Subsidy%3A%20Subsidy%20is%20a%20financial,for%20public%20welfare%20or%20interest.</a>
Course Designed By: Ms. Arundhati Ghoshal	

<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>CO1</b>	M	M	S	L	L	M	S
<b>CO2</b>	M	L	S	M	L	L	S
<b>CO3</b>	L	L	L	L	L	M	S
<b>CO4</b>	L	L	S	L	L	L	S
<b>CO5</b>	L	L	M	L	L	L	S

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

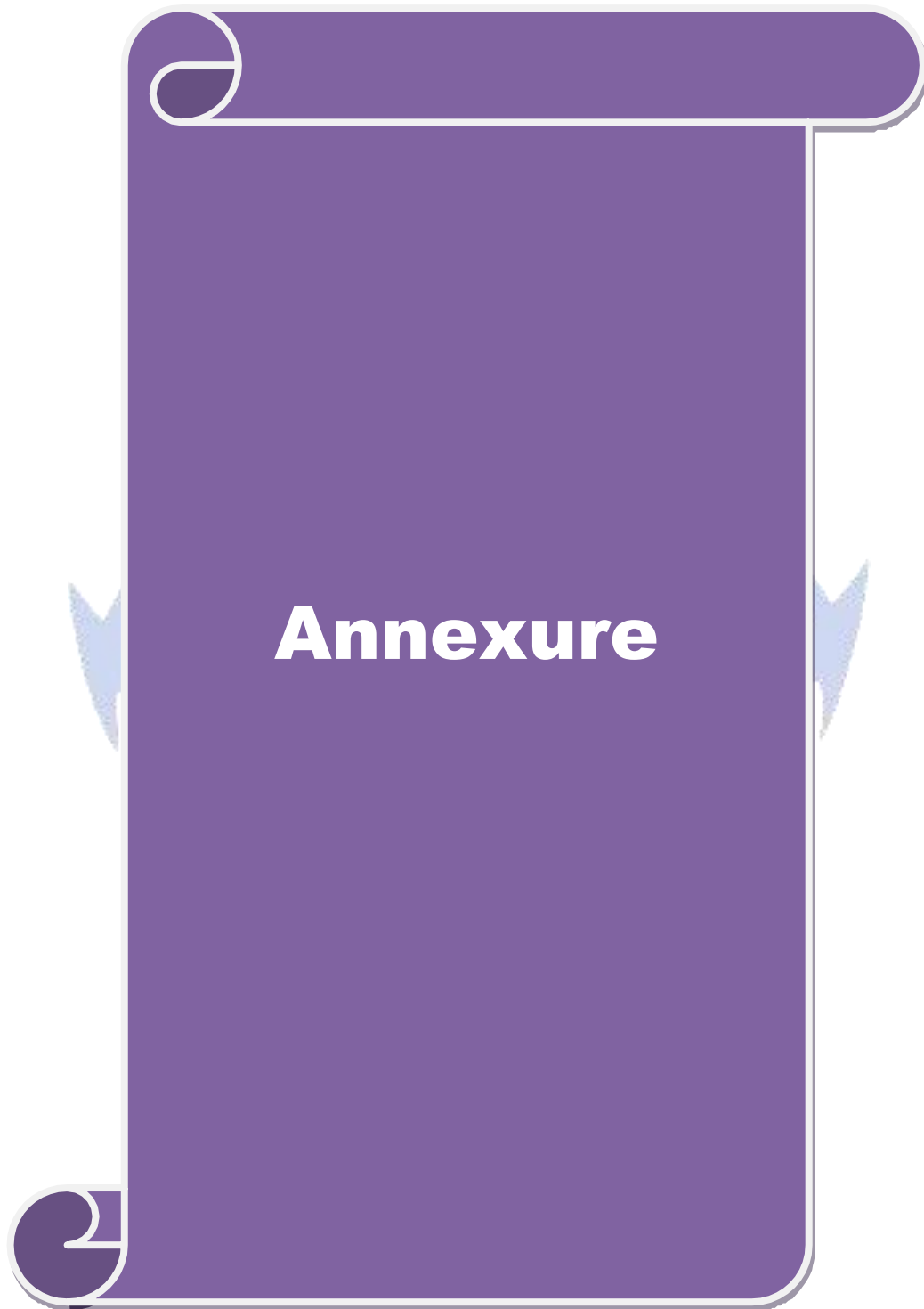


Course code	6EC	HUMAN VALUES AND PROFESSIONAL ETHICS	L	T	P	C
<b>Elective</b>		<b>Paper III C</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>4</b>
<b>Pre-requisite</b>		<b>Basic idea about societal and individual ethics</b>	<b>Syllabus Version</b>		<b>2021 – 2022</b>	
<b>Course Objectives:</b>						
The main objectives of this course are to:						
<ol style="list-style-type: none"> <li>1. Understand the principles of management, social responsibilities and ethical values.</li> <li>2. Identify problems and solutions using various methods in an organisation.</li> <li>3. Highlight the importance of interpersonal relationship and leadership qualities.</li> </ol>						
<b>Expected Course Outcomes:</b>						
On the successful completion of the course, student will be able to:						
CO1	Remember the functions of management, responsibilities and business ethics					K1
CO2	Understand the problem and solve them using various strategies					K2
CO3	Apply creativity in problem solving					K3
CO4	Analyse on human resource management and developing leadership qualities					K4
CO5	Evaluate effectiveness of training and motivation using standard theories					K5
<b>K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create</b>						
<b>Unit:1</b>	<b>Management And Social Responsibility</b>					<b>12 hours</b>
Meaning, Definition, Significance, Functions – Planning, Organizing, Staffing, Directing and Controlling, Principles of Management. Concept of Social Responsibility, Views of Social Responsibility – Economic Objectives Vs Social Objectives – Business Ethics.						
<b>Unit:2</b>	<b>Problem Solving Methods And Human Values</b>					<b>12 hours</b>
SWOT Analysis of a Traditional Engineer – Kaizen Strategy and Values – Kaizen Approach for Problem Solving. Process Oriented Management Vs Result Oriented Management. Value Crisis in Contemporary Indian Society, Aesthetic Values, Moral and Ethical Values, Spiritual Values, Values in the Work Place.						
<b>Unit:3</b>	<b>Interpersonal Relationships And Creativity</b>					<b>12 hours</b>
Managing Emotions, Emotional Intelligence, Building Better Interpersonal Relations, Managing the Boss, Dealing with Subordinates – Case Study. Creativity and Problem Solving – Creativity Process – Creative Individuals and their Characteristics – Techniques for Creative Problem Solving.						
<b>Unit:4</b>	<b>Human Resource Management</b>					<b>12 hours</b>
Importance, Objectives, Functions, Job Analysis and Recruitment, Selection and Placement. Training and Learning, Determining Training Needs and Priorities, Formal Employee Training Methods, Management Development, Methods for Developing Managers, Evaluating Training Effectiveness – Case Study.						
<b>Unit:5</b>	<b>Leadership And Motivation</b>					<b>12 hours</b>
Definition, Characteristics of Leadership, Leadership styles, Theories of Leadership – Tannenbaum – Schmidt Leadership Continuum – Managerial Grid Theory. Meaning and Definition – Mechanism of Motivation – Maslow’s Need Hierarchy Theory, McGregor’s Theory X and Y- Herzberg’s Two Factor Theory.						
					<b>Total Lecture hours</b>	<b>60 hours</b>

<b>Text Book(s)</b>	
1	Professional Ethics, Jayshree Suresh and Raghavan B S,S. Chand & Company Ltd., New Delhi, 2005.
2	Principles of Management, Harold Koontz, Heinz Wehrich and Ramachandra Aryasri, Tata McGraw Hill, New Delhi, 2004.
<b>Reference Books</b>	
1	Assertiveness Skills Training – A Source Book of Activities, Bishop, Sue, Viva Books Pvt. Ltd., New Delhi, 2002.
<b>Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]</b>	
1	<a href="https://www.managementstudyguide.com/social-responsibilities-managers.htm">https://www.managementstudyguide.com/social-responsibilities-managers.htm</a>
2	<a href="https://www.mathgoodies.com/articles/teaching_values">https://www.mathgoodies.com/articles/teaching_values</a>
3	<a href="https://www.digitalhrtech.com/human-resource-basics/#:~:text=Human%20Resource%20Management%2C%20or%20HRM,fit%20into%20the%20company%20culture.">https://www.digitalhrtech.com/human-resource-basics/#:~:text=Human%20Resource%20Management%2C%20or%20HRM,fit%20into%20the%20company%20culture.</a>
4	<a href="https://www.digitalhrtech.com/human-resource-basics/#:~:text=Human%20Resource%20Management%2C%20or%20HRM,fit%20into%20the%20company%20culture.">https://www.digitalhrtech.com/human-resource-basics/#:~:text=Human%20Resource%20Management%2C%20or%20HRM,fit%20into%20the%20company%20culture.</a>
Course Designed By: Ms. R. Sneha	

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	L	M	L	M	M	M	S
CO2	M	M	M	M	L	L	M
CO3	M	M	S	L	L	L	M
CO4	L	L	M	L	L	L	M
CO5	L	L	S	L	L	L	M

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



# **B.Sc. APPAREL FASHION DESIGNING**

## **Syllabus**

**(With effect from 2021-22)**



**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**



<b>List of Elective Papers (Colleges can choose any one of the papers as electives)</b>			
<b>Elective – I</b>	<b>A</b>	<b>5EP</b>	Craft Documentation – Practical
	<b>B</b>	<b>5EQ</b>	Advanced Illustration – Practical
	<b>C</b>	<b>5ER</b>	Fashion Ethnography – Practical
<b>Elective – II</b>	<b>A</b>	<b>6EP</b>	Fashion Photography – Practical
	<b>B</b>	<b>6EQ</b>	Computer Aided Textile Designing – Practical
	<b>C</b>	<b>6ER</b>	Fashion Presentation and Choreography – Practical
<b>Elective – III</b>	<b>A</b>	<b>6EA</b>	Care and Maintenance of Textiles – Theory
	<b>B</b>	<b>6EB</b>	Entrepreneurial Development – Theory
	<b>C</b>	<b>6EC</b>	Human Values and Professional Ethics – Theory

