

PROGRAMME: B.SC
DEPARTMENT OF FASHION AND
COSTUME DESIGNING
(SHIFT-I)
(2020-2023)



HOLY CROSS COLLEGE (AUTONOMOUS)
Affiliated to Bharathidasan University
Nationally Accredited (4th Cycle) with A⁺⁺ Grade (CPGA 3.75/4) by NAAC
College with Potential for Excellence.
Tiruchirappalli - 620002.

SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
Programme: B.Sc

PO No.	PROGRAMME OUTCOMES <i>Upon completion of the B.Sc. Degree Programme, the graduate will be able to</i>
PO-1	Understand and learn about the basic concepts of textile and fashion designing and its techniques that impact in our day to day life.
PO-2	Acquire knowledge about the style and designs that can be implemented in various textile materials.
PO-3	Perform the textile material analysis using different tools and methods that are learned.
PO-4	Demonstrate and understand about costume designing and textiles to enhance the person's personality through clothing.
PO-5	Gain knowledge and skills required for entrepreneur through apparel quality cost control and visual merchandising.
PO-6	Understand the flow process of garment industry from designing to export procedures.

PSO No.	PROGRAMME SPECIFIC OUTCOMES <i>Upon completion of these courses the student would</i>
PSO-1	Know the basic concepts of textile and fashion to adapt to our daily life.
PSO-2	Acquire knowledge about various textile materials where the style and designs suits the particular material.
PSO-3	Be able to know about the tools and techniques that work specific function on textile materials.
PSO-4	Recognize and analyze every single person's personality that suits their clothing.
PSO-5	Gain knowledge about entrepreneurs and to unique the business from others.
PSO-6	Be able to become a fashion designer and can also be able to successfully begin a garment industry.



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DEPARTMENT OF FASHION AND COSTUME DESIGNING
Programme: B.Sc. Fashion and Costume Designing
2020-2023

Semester	Part	Course	Title of the Paper	Code	Hrs/Week	Credits	Total
I	I	Language	Tamil Paper -I/ Hindi Paper-I/ French Paper- I	U20TL1TAM01 U20HN1HIN01 U20FR1FRE01	3	3	100
	II	English	English Paper- I	U20EL1GEN01	3	3	100
	III	Major core - 1	Textile Science	U20FC1MCT01	4	4	100
		Major core - 2	Fashion Designing	U20FC1MCT02	4	4	100
		Major core - 3	Fashion Illustration - Practical	U20FC1MCP03	5	3	100
		Allied 1	Introduction to fashion Designing	U20FC1ALT01	4	2	100
		Allied 2	Folk Media – Practical (Within School)	U20FC1ALP02	4	2	100
		IV	Environmental studies	Environmental Studies	U20RE1EST01	2	1
		Value Education	Ethics-I/Bible-I/ catechism-I	U20VE2LVE01/ U20VE2LVB01/ U20VE2LVC01	1	-	-
	V	Extension Activities	Service Oriented Course	Any one activity based on the students choice (15 activities)	-	-	-
		Extra Credit	Internship/field work/field project-30 hours- Extra credit	U20SP1ECC01	-	2(Extra credits)	100
				Total	30	22+2(EC)	800+100(EC)

Semester	Part	Course	Title of the Paper	Code	Hrs/Week	Credits	Total	
II	I	Language	Tamil Paper -II / Hindi Paper-II/ French Paper –II	U20TL2TAM02 U20HN2HIN02 U20FR2FRE02	3	3	100	
	II	English	English paper – II	U20EL2GEN02	3	3	100	
	III	Major core - 4	Sewing Techniques	U20FC2MCT04	5	4	100	
		Major core - 5	Sewing Techniques - Practical	U20FC2MCP05	4	4	100	
		Major Elective- 1	Arts and Aesthetics	U20FC2MET01	4	3	100	
		Allied 3	Painting Techniques of Indian Arts - Practical	U20FC2ALP03	4	2	100	
		Major SBE-1	Surface Embellishment - Practical	U20FC2SBP01	2	1	100	
	IV	Skill based Course (SBC) -1	Soft Skills Development	U20RE2SBT01	2	1	100	
		Skill based Course(SBC) -2	Sustainable Rural Development and Student Social Responsibility	U20RE2SBT02	2	1	100	
		Value Education	Ethics -I/Bible-I/ Catechism-I	U20VE2LVE01/ U20VE2LVB01 U15VE2LVC01	1	1	100	
	V	Extension Activities	Service Oriented Course	Any one activity based on the students choice (15 activities)	-	-	-	
			Internship/Field Work /Field Project- 30hrs-Extra credit	U20SP2ECC02	-	2(Extra credit)	100	
	Total					30	23 +2(EC)	1000+ 100(E C)

Semester	Part	Course	Title of the Paper	Code	Hrs/Week	Credits	Total	
III	I	Language	Tamil Paper -III / Hindi Paper-III/ French Paper –III	U20TL3TAM03 U20HN3HIN03 U20FR3FRE03	3	3	100	
	II	English	English paper – III	U20EL3GEN03	3	3	100	
	III	Major core - 6	Fabric Structure and Design	U20FC3MCT06	5	4	100	
		Major core -7	Children’s Wear - Practical	U20FC3MCP07	4	3	100	
		Major core - 8	Fabric Structure and Design - Practical	U20FC3MCP08	4	3	100	
		Major skill based Elective-SBE-2	Fashion and Clothing Psychology	U20FC3SBT02	2	1	100	
		Allied - 4	Historic textiles and Costumes (Within School)	U20FC3ALT04	4	2	100	
		Non Major Elective-NME -1	Surface Embellishments Practical	U20FC3NMP01	3	3	100	
	IV	Value Education	Ethics -I/Bible-I/ Catechism-I		1	-		
		Gender Studies	Gender Studies		1	1	100	
	V	Internship/Field Work /Field Project-30hrs-Extra credit		U20SP3ECC03	-	2(Extra credit)	100	
	Total					30	23+2 (EC)	900 + 100 (EC)

Semester	Part	Course	Title of the Paper	Code	Hrs/Week	Credits	Total	
IV	I	Language	Tamil Paper -III / Hindi Paper-III/ French Paper –III	U20TL4TAM04 U20HN4HIN04 U20FR4FRE04	3	3	100	
	II	English	English paper – III	U20EL4GEN04	3	3	100	
	III	Major core - 9	Textile Wet Processing	U20FC4MCT09	4	3	100	
		Major core - 10	Women’s Wear - Practical	U20FC4MCP10	4	4	100	
		Major Elective- 2	Fabric Care (Within School)	U20FC4MET02	4	3	100	
		Allied - 5	Textile Wet Processing - Practical	U20FC4ALP05	4	2	100	
		Allied-6	Garment Manufacturing Technology	U20FC4ALT06	4	2	100	
		Non Major Elective-NME -2	Painting Techniques - Practical	U20FC4NMP02	3	3	100	
	IV	Value Education	Ethics -I/Bible-I/ Catechism-I		1	1	100	
	V	Extension Activities	Service Oriented Course	Any one activity based on the students choice (15 activities)		2	100	
		Internship/Field Work /Field Project-30hrs-Extra credit	U20SP4ECC04	-	2(Extra credit)	100		
	Total					30	24+4 (EC)	900+ 200 (EC)

Semester	Part	Course	Title	Code	Hours/ Week	Credits	Total
V	III	Major Core-11	Visual Merchandising	U20FC5MCT11	5	5	100
		Major Core -12	Knitting	U20FC5MCT12	5	4	100
		Major Core-13	Fashion Draping Techniques - Practical	U20FC5MCP13	5	4	100
		Major core – 14	Men’s Wear - Practical	U20FC5MCP14	6	4	100
	IV	Major elective -3	Home Textiles (Within School)	U20FC5MET03	4	3	100
		NME - 3	Dyeing and Printing – Theory cum Lab	U20FC5NMP03	3	3	100
		Industrial Relation	Industrial Relation	U20FC5IRT01	1	1	100
		EXTRA CREDIT	Online Course	U20FC5OCT01		2	100
		Value Education	Ethics / Bible studies / Catechism	U20VE5LVE05/ U20VE5LVB05/ U20VE5LVC05	1	-	-
		Internship/Field Work/Field Project 30 hours- Extra Credit		U18SP4ECC04	-	2	100
		TOTAL					30

Sem	Part	Course	Title	Code	Hours/ Week	Credits	Total
VI	III	Major Core-15	Garment Quality and Cost Control	U20FC6MCT15	5	5	100
		Major Core -16	Technical Textiles	U20FC6MCT16	5	4	100
		Major Core-17	Export Documentation	U20FC6MCT17	5	4	100
		Major Core Practical - 18	Practical Fashion Portfolio	U20FC6MCP18	6	4	100
		Major Elective 4	Textile Finishing	U21FC6MET04	4	3	100
		NME - 4	World Costumes	U20FC6NMT04	3	3	100
		Skill-Based Elective- 4	Research Methodology	U20DS6SBT04			
	IV	Value Education	Ethics /Bible studies / Catechism		1		
	V	Extension Activity	RESCAPES- Impact study of Projects	U20RE6ETF01		4	100
		Internship/Field Work/Field Project 30 hours- Extra Credit	U20VC6ECC06	100	2	100	
TOTAL					30	24+6 EC	700+20 0 EC
GRAND TOTAL					180	140+20	5000+ 900(E C)

(For the candidates admitted from the academic year 2020 onwards)
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DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-FIRST YEAR- SEMESTER-I

COURSE TITLE	MAJOR CORE – 1- TEXTILE SCIENCE
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC1MCT01
COURSE TYPE	THEORY
CREDITS	4
MARKS	100

GENERAL OBJECTIVE

To enable the students towards the knowledge from basic raw material to manufacturing process of textiles

COURSE OBJECTIVES

The learner will be able to

CO NO.	Course Objectives
CO-1	To identify and gain the knowledge about fibres, properties and structures
CO-2	To learn about the different fibre manufacturing process
CO-3	To study about different types of yarn manufacturing process
CO-4	To acquire about weaving process and different structures
CO-5	To identify about knitting and nonwovens

Unit-I: Introduction to Fibres

12 Hrs

Introduction to the fibers –definition, classification of textile fibers- natural-vegetable, animal and mineral fibers - manmade fibers – synthetic regenerated fibers. General properties of textile fibers-primary/essential properties – fiber length, tensile strength, fineness, spinnability, uniformity. Secondary properties – physical shape, density, elasticity, resilience, luster, color, hand, moisture regain flammability.

Extra reading/Key words: Identification of textile fibers, new trendy fibers.

Unit-II: Fiber Manufacturing Process**12 Hrs**

Manufacturing process, cellulosic fiber - cotton, linen, and jute. Protein fibers- silk, wool. Manmade fibers- nylon, polyester, polyamide, acrylic. Regenerated fibers - viscose rayon, acetate Rayon.

Extra reading/Key words: Manufacturing process of new fibers-Banana, lycra, lyocell

Unit-III: Yarn Manufacturing Process**12 Hrs**

Yarn – definition, classification. Spinning - definition, cotton spinning process – blending, opening and cleaning, carding, doubling, combing, drawing, roving, and spinning. Types of spinning –mechanical spinning –ring spinning and open end spinning, chemical spinning- wet, dry and melt spinning.

Extra reading/Key words: Novelty yarns, yarn numbering.

Unit-IV: weaving**12 Hrs**

Weaving – definition, loom and loom mechanism – classification, general passage of material through loom, parts and functions of basic loom, primary motion, secondary motion, auxillary motion. Types of weaves – plain, twill, satin structures and properties.

Extra reading/Key words: Functions of Rapier, Air jet and water jet looms

Unit-V: knitting and non-wovens**12 Hrs**

Introduction to knitting - definition, classification of knitting. Parts and functions of knitting machine. Nonwoven -definition and classification.

Extra reading/Key words: Terminologies used in knitting, uses of nonwovens.

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars

COURSE OUTCOMES (CO)

The learners

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand about different types of fibres	PSO2	U
Co-2	Learn about different types of manufacturing process	PSO2	U
Co-3	Learn different types of yarn spinning process	PSO2	U
Co-4	Analyze the concept of weaving and weave structures	PSO4	An
Co-5	Understand the different manufacturing process of knitting and non-woven	PSO2	U

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. Corbman. b.p, textile – fiber to fabric third edition, international student’s edition, Mc Graw hill book co, Singapore, 1985.
2. Gupta et al, text book of clothing and textiles and laundry, 5th edition, kalyani publishers, new Delhi, 2006.

BOOKS FOR REFERENCE

1. Gordon cook, “hand book of textile fibers” vol-ii manmade fibers, wood head publishing.

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B.SC. FASHION AND COSTUME DESIGNING
B.SC.-FIRST YEAR- SEMESTER-I

COURSE TITLE	MAJOR CORE – 2- FASHION DESIGNING
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC1MCT02
COURSE TYPE	THEORY
CREDITS	4
MARKS	100

GENERAL OBJECTIVE

To enable the students with the concept of fashion and color schemes

COURSE OBJECTIVES

The learner will be able to

Co no.	Course objectives
Co-1	To Know about the basic concepts of fashion, style and art.
Co-2	To gain knowledge about the elements of arts and principles of design.
Co-3	To analyze about the basic theory of colors, concept of color wheel and color charts.
Co-4	Understand about the figure irregularities and its types.
Co-5	Introduction about Wardrobe planning and criteria for wardrobe plan.

Unit-I: Concept of Fashion

12 Hrs

Introduction to fashion designing - meaning of fashion, design and style. Classification of fashion, influence of fashion. Types of fashion haute couture, Avant-garde, Pret- a-porter, chic, fad, classic, couturier, flop. Fashion cycle.

Extra reading/Key words: Knock offs, Fashion direction

Unit-II: Elements of Arts and Principles of Design

12 Hrs

Meaning of design and art, elements of art - line, shape /forms, color, size, and texture. Principle of design- balance, rhythm, proportion, harmony and emphasis. Basic shilloutes Types- structural and decorative design, application of structural and decorative design. Print and patterns- developing patterns for fabric designs.

Extra reading/Key words: Fashion flow chart, Costume made

Unit-III: Color Theory**12 Hrs**

Introduction of color, Dimensions of color– hue, value, intensity. Color theory-prang color chart, Munsell chart, cool colors, and warm colors. Color wheel, color harmony-monochromatic, analogue, complimentary, spilt complimentary, double complimentary

Extra reading/Key words: Basic principles of color in design

Unit- IV: Figure Irregularities**12 Hrs**

Figure irregularities becoming and unbecoming. Types of figures – tall and thin, tall and stout, short and stout, short and thin, ideal, narrow shoulder, round shoulder, broad shoulder. Faces diamond, oval, square, round, oblong, heart.

Extra reading/Key words: Application of color on fashion figure

Unit-V: Wardrobe planning**12Hrs**

Wardrobe- definitions, purpose of planning, criteria of planning - clothing preference for different age groups, based on family budget, individual clothing budget. Essential considerations in wardrobe building – wardrobe planning for different occasion

Extra reading/Key words: Four essential in dress design, Choice of material

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars

COURSE OUTCOMES (CO)

The learners

Co no.	Course outcomes	PSOs Addressed	Cognitive level
Co-1	Understand about the fashion concept and its classification.	PSO1	R
Co-2	Identify and learn about elements of art and principles of design.	PSO2	U
Co-3	Recognize about the concept of color theory, color wheel and color charts.	PSO1,2	R,U
Co-4	Memorize about the figure and Face irregularities.	PSO1	U
Co-5	Gain Knowledge about the Wardrobe planning and criteria for wardrobe plan.	PSO5	E

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. Jung Soo Lee and Charlotte Jirousek, April 2015, The Development of design ideas in the early apparel design process. "International Journal of Fashion Design, Technology and Education."

BOOKS FOR REFERENCE

1. Aspelund. K (2010). The design process. New York, NY: Fairchild Books.

2. Bye. E (2010). A direction for clothing and textile design research. Clothing and textiles Research journal 28(3), 205-217.

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B.SC.-FIRST YEAR- SEMESTER-I

COURSE TITLE	MAJOR CORE 3 – FASHION ILLUSTRATION
TOTAL HOURS	75
HOURS/WEEK	5
CODE	U20FC1MCP03
COURSE TYPE	PRACTICAL
CREDITS	3
MARKS	100

GENERAL OBJECTIVE

To enable the students with the Basic concept in fashion Illustration.

COURSE OBJECTIVES

The learner will be able to

Co no.	Course objectives
Co-1	To Know about the basic concepts of Illustration techniques and formation of parts of the human body in different proportions and variations.
Co-2	To practice about the formation of Human Croquis and accessories.

Basic Sketching

1. Pencil grading, Shading and line drawings. 8 hrs
2. Human figures in proportion using 8-head theory and 10 head Theory. 8 hrs
3. Learning about the usage of various drawing and sketching mediums-pencil, Color pencil, ink, crayons, water color and poster color. 8 hrs
4. Drawing eyes, nose, ears, lips, face, and hair styles. 8 hrs
5. Sketching of different angles of legs, Hands and Feet. 7 hrs

Sketching on Basic Croquis

6. Sketching fullness and seams.	7hrs
7. Necklines, collars, sleeves and cuffs.	7 hrs
8. Children's wear.	7 hrs
9. Women's wear.	5 hrs
10. Men's wear.	5 hrs
11. Hand bags and Accessories.	5hrs

COURSE OUTCOMES (CO)

The learners

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand about the fashion illustration techniques.	PSO1	R
Co-2	Hands on practice about the formation of human Croquis and accessories.	PSO2	U

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

A Record of the Work done is to be submitted at the time of examination.

PRESCRIBED TEXT BOOKS

1. Ritu Beri, Fashion Illustration and Rendering (2005), B. Jain Publishers (P) Ltd., New Delhi.
2. Bina Abling (2001), Fashion Rendering with Colours, Prentice Hall, New Jersey.

BOOKS FOR REFERENCE

1. Patrick John Ireland (2005), Fashion Design Illustration. Men, Om Books International, New Delhi.
2. Alfred D. Dorkenzio (2001), Fashion Sketching; Drawing the Fashion Figure, Thomas Learning Custom Publishing.

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B.SC. FASHION AND COSTUME DESIGNING
B.SC.-FIRST YEAR- SEMESTER-I

COURSE TITLE	ALLIED 1 – INTRODUCTION TO FASHION DESIGNING
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC1ALT01
COURSE TYPE	THEORY
CREDITS	2
MARKS	100

GENERAL OBJECTIVE

To enable the students with the knowledge of fashion designing and the current trends of fashion clothes and also career planning.

COURSE OBJECTIVES

The learner will be able to

CO No.	Course Objectives
CO-1	Summarize the meaning, origin, classification, influence, fashion cycle
CO-2	Elucidate the product in fashion industry and how to promote the product in the market
CO-3	Examine various kinds of designs and its principles
CO-4	Explain about the principle of color and the color harmony in fashion sector
CO-5	Elaborate the fashion facts and to improve the career ability of the entrepreneur

Unit I: Fashion Concept

12 Hrs

Meaning of Fashion, Origin of Fashion, Meaning of Fashion Designing, Classification of Fashion, Influence of Fashion, Fashion Illustration and Fashion Cycle.

Extra reading/Key words: Length of cycle- interrupted cycle, Recurring cycle

Unit II: Fashion Industry

12 Hrs

Fashion Industry – Boutique and its Importance, Present Structure of Fashion Industry. Textiles and Materials in Fashion Industry. Structure of the Fashion Market.

Extra reading/Key words: Fashion flow chart, Areas of fashion

Unit III: Elements of Art and Principles of Design**12 Hrs**

Design – Structural Design, Decorative Design, Basic Silhouettes. Elements of Art and Principles of design

Extra reading/Key words: Designing a collection, Designing a garment, Areas of work

Unit IV: Color**12 Hrs**

Introduction of color, color wheel (Prang and Munsell System) properties and qualities of color, color scheme, theory of colors harmony, colors and garment, color selection. Principles of combining colors. Procedure for combining colors.

Extra reading/Key words: Basic principles of color in design

Unit V: Career in Fashion**12 Hrs**

Scope of fashion Business, choosing a Career in Fashion, Manufacturing, Designing, Retailing, Residential Buying office, Fashion Service Organization, Freelancing.

Extra reading/Key words: Boutique management, Accessories making

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars.

COURSE OUTCOMES (CO)

The learners

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Explain the meaning, origin, classification, influence, and fashion cycle	PSO-2	U
CO-2	Express the social and psychological reason for fashion changes, fashion cycle and forecasting	PSO-2	U
CO-3	Analyze about the design of the human body proportions	PSO-3	An
CO-4	Elaborate about the color, color harmony, color wheel and its properties	PSO2,3	U, An
CO-5	Understand fashion business trend and identify the career opportunities in fashion industry	PSO-3,6	AP,C

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B.SC. FASHION AND COSTUME DESIGNING
B.SC.-FIRST YEAR- SEMESTER-I

COURSE TITLE	ALLIED – 2 – FOLK MEDIA
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC1ALP02
COURSE TYPE	PRACTICAL
CREDITS	2
MARKS	100

GENERAL OBJECTIVE

To stimulate the students towards traditional activities of Indian arts and forms and make them to perform with updated concept

COURSE OBJECTIVES

The learner will be able to

Co no.	Course objectives
Co-1	To know about the folk media
Co-2	To identify the different types of folk dance and music
Co-3	To acquire about puppet show
Co-4	To identify about theatre forms
Co-5	To know about the different forms of paintings and motifs

Unit 1 – Introduction to Folk Media

12Hrs

Definition, characteristics, advantages, role of folk media in development process.

- Practical activity- Identification of different types of folk mediums in different states of India

Extra reading/Key words: Dyanamic folk media, National and Societical needs.

Unit 2 – Folk Dance and music **12Hrs**

Introduction, history and purpose, types of folk dance from different states.

- Practical activity - Create and perform folk songs and music

Extra reading/Key words: Ritual dance, preservation of dance

Unit -3 Puppet Performing Arts **12hrs**

Origin, history, types, present status of puppet shows.

- Practical activity - Applying new concepts into anyone of puppet method

Extra reading/Key words: State Puppet shows, puppet show Performers

Unit – 4 Theatre Forms **12hrs**

Origin, history, types, present status of Theatre forms.

- Practical activity - Create any one of theater forms

Extra reading/Key words: Acoustic music, Casino showroom

Unit – 5 Paintings **12hrs**

Types, paintings of different states, motifs, designs and symbols -their origin and history .

- Practical activity - Collecting different types of traditional painting forms and presenting them

Extra reading/Key words: Gouache, Tempora

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars.

COURSE OUTCOMES (CO)

The learners

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understanding the folk media	PSO2	U
Co-2	Remembering the varieties of folk forms	PSO1	R

Co-3	Analyzing the different types of puppet shows	PSO4	An
Co-4	Remember and creating the theater forms	PSO1,6	R,C
Co-5	Analyse and apply different types of traditional motifs	PSO4,3	An,Ap

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

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B.SC. FASHION AND COSTUME DESIGNING
B.SC.-FIRST YEAR- SEMESTER-II

COURSE TITLE	MAJOR CORE – 4 – SEWING TECHNIQUES
TOTAL HOURS	75
HOURS/WEEK	5
CODE	U20FC2MCT04
COURSE TYPE	THEORY
CREDITS	4
MARKS	100

GENERAL OBJECTIVE

To acquisition the students towards the technical details of sewing machine and design process.

COURSE OBJECTIVES

The learner will be able to

Co.no	Course objectives
Co-1	To acquire clear knowledge about sewing machine, maintenance and body measurements
Co-2	To identify the different types of seams and fullness
Co-3	To arrange the different types of sleeves and skirt patterns with designs
Co-4	To analyze the different types of neckline , collar and calculate the material needed
Co-5	To collect the different types of pockets. Plackets and trimmings

Unit 1 - Introduction to Sewing Machine and Body Measurements **15 Hrs**

Sewing machine - parts and functions, care and maintenance. Tools for measuring, marking, cutting & pressing. Selection of thread and needle for various types of fabric.

Body Measurements - Introduction, Measurements –types, techniques to measure. Standard body measurement- types.

Extra reading/Key words: Basics of Sewing, Human body Proportion.

Unit II - Seams and Seam Finishes **15 Hrs**

Seams – Definition, Types – Plain , Top-Stitched, Double Top Stitched, Lapped, Welt Seam, Flat fell, French, Manutua Maker’s and Piped.

Seam Finishes- Definition, Types- Pinked, Edge Stitched, Double Stitch, Overcast, Herringbone Finished Seam and Bound Seam Edge Finish.

Extra reading/Key words: History of Sewing, Uses of Seam Finishes

Unit-III - Facing, Hems & Fullness **15 Hrs**

Facings - Bias Facings, Shaped Facing and Decorative Facing. Binding - Single bias Binding, Double bias binding. Hems- Definition, Types – Stitched and Turned Hem, Seam Binding Hem Finish, Catch Stitched Hem, Narrow Machine Stitched Hem. Fullness- Definition, Types - Darts, Tucks Pleats, Flares and Godets, Gathers Frills and Ruffles.

Extra reading/Key words: Basics of Hems, Piping

Unit IV- Plackets & Fastners, Pockets & Yokes **15 Hrs**

Plackets - Definition, Characteristics of a good placket, Types - Inconspicuous Plackets and Conspicuous Plackets. Fasteners – Definition, Types – Buttons & Button Hole, Snaps & Press Buttons, Hooks and Eyes, Zipper, Eyelets & Cord.

Pockets-Types - Patch pocket, Bound pocket, Pocket in a Seam, Front hip pocket. Yokes – Definition, Types – Yoke with fullness, Yoke without Fullness, Yoke supporting/Releasing Fullness.

Extra reading/Key words: Standard Placket, Garment Accessories.

Unit V - Sleeves & Collars **15 Hrs**

Sleeves-Definition, Types -Set-in-Sleeves-Plain Sleeve, Puff Sleeve and its variations, Bishop Sleeve, Leg-O-Mutton, Bell and Circular. Modified armhole- Squares Armhole, Cap Sleeve and Magyar Sleeve. Sleeve and Bodice combined- Raglan Sleeve, Kimono Sleeve.

Collars -Definition, Types - Peter pan, Scalloped, Sailor, Rippled, Full Shirt Collar, Open Collar and Shawl Collars .Stand Collar, Chinese Collar, Turtle Neck Collar.

Extra reading/Key words: Styles of sleeve, Styles of Collars

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars

COURSE OUTCOMES (CO)

The learners

Co.no	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand the sewing machines and maintenance	PSO2	U
Co-2	Understand and create different types of seams and fullness	PSO2,6	U, C
Co-3	Analyze and apply different types of skirts and sleeves	PSO3,4	Ap, An
Co-4	Crete and apply different types of collars and necklines	PSO6,3	C, Ap
Co-5	Understand different types of trimmings, pockets and plackets	PSO1	U

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. Mary Mathews, Practical Clothing Construction Part-II. Designing, Drafting and Tailoring Bhattarams Reprographics (P) Ltd., Chennai 2001.
2. Zarakar K.R, System of Cutting, Navneet Publications India 2005.

BOOKS FOR REFERENCE

1. Hilary Campbell,” Designing Patterns Om Book Services, New Delhi, 2003.
2. Helen Joseph-Pattern Making for Fashion Design, Armstrong Pearson Education, Delhi, 2000.
3. Mary Mulasi, Garments with style, Chiton Book Company, Pennsylvania, 1995.

(For the candidates admitted from the academic year 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-FIRST YEAR- SEMESTER-II

COURSE TITLE	MAJOR CORE 5 – SEWING TECHNIQUES PRACTICAL
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC2MCP05
COURSE TYPE	PRACTICAL
CREDITS	4
MARKS	100

GENERAL OBJECTIVE

To enable the students creation and application of different techniques towards designing

COURSE OBJECTIVES

The learner will be able to

Co no.	Course objectives
Co-1	To explain about the fundamentals, components of garment construction
Co-2	To demonstrate the elements of garment enhancements
Co-3	To Classify the garment fullness seams and seam finishes
Co-4	To construct the various forms of plackets and pockets
Co-5	To construct the different types of sleeves and collars

Students should keep a record with the following topics

- Preparation of samples for Seams and Seam Finishes.

7 Hrs

- Preparation of samples for Hems. 7 Hrs
- Preparation of samples for Fullness. 7 Hrs
- Preparation of samples for Facings and Binding. 6 Hrs
- Preparation of samples for Plackets and Fasteners. 6 Hrs
- Preparation of samples for Sleeves - Plain , Puff ,Raglan , Kimino 7 Hrs
- Preparation of samples for Yokes -with Fullness 6 Hrs
- Preparation of samples for Collar- Peter Pan Collar, Full Shirt Collar, Shawl Collar, Stand Collar. 7 Hrs
- Preparation of samples for Pocket - Patch, Bound and Pocket set into Seam.7 Hrs

COURSE OUTCOMES (CO)

The learners

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understanding the different types of seam and seam finishes	PSO1	U
Co-2	Analyze and apply the different types of fullness , facings and bindings	PSO 4,3	An, Ap
Co-3	Creating different types of sleeves and collars	PSO6	C
Co-4	Preparing the different types of collars	PSO6	C
Co-5	Preparing different types of pockets	PSO5	AP

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

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B.SC. FASHION AND COSTUME DESIGNING
B.SC.-FIRST YEAR- SEMESTER-II

COURSE TITLE	MAJOR ELECTIVE I – ARTS AND AESTHETICS
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC2MET01
COURSE TYPE	THEORY
CREDITS	3
MARKS	100

GENERAL OBJECTIVE

To enable the students towards Arts and Aesthetics of Art Forms

COURSE OBJECTIVES

The learner will be able to

Co no.	Course objectives
Co-1	To examine the art form for eastern and western culture
Co-2	To identify the different types of aesthetics
Co-3	To identify the different types of Indian aesthetics
Co-4	To acquire the modern art
Co-5	To identify the different art forms

UNIT I

12Hrs

Introduction to Art: Art, artist and society Functions of Arts – Eastern and Western thoughts.

Extra reading/Key words: History of Art, History of Aesthetic.

UNIT II **12Hrs**

Types of Aesthetics: Types of aesthetics, Western aesthetic categories – Beauty, Tragic, Comic, Sublime etc.

Extra reading/Key words: Western thoughts and Eastern Thoughts of Art.

UNIT III **12Hrs**

Indian Aesthetics: Indian aesthetics – beauty and rasa; Dhvani theory, Tamil aesthetics. Agam/ Puram and Thinai.

Extra reading/Key words: History of Tamil Art, Concept of Indian Aesthetic.

UNIT IV **12Hrs**

Modern Art: Major modern art movements and concepts. The feeling and the form- the art experience.

Extra reading/Key words: Concept of Modern Art, History of Modern Art.

UNIT V **12Hrs**

Art in Digital Age: Social responsibility of the artist - Contemporary aesthetics – Art in the digital era.

Extra reading/Key words: Role of Artist, Concept of Digital Era.

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars

COURSE OUTCOMES (CO)

The learners

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand the art forms of different cultures	PSO1	U
Co-2	Analyze and understanding the types of aesthetics	PSO4,2	An, U
Co-3	Remembering the Indian aesthetics forms	PSO 1	R
Co-4	Analyzing different types of modern art	PSO4	An
Co-5	Remembering the digital art forms	PSO1	R

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. Arts and Aesthetics in a Globalizing World (ASA Monographs) Paperback – Illustrated, 21 May 2015 by Raminder Kaur , Parul Dave-Mukherji.

2. George Santayana (1896). *The Sense of Beauty: Being the Outlines of Aesthetic Theory*. C. Scribner's Sons. pp. v–ix. Retrieved 19 August 2012.

BOOKS FOR REFERENCE

1. *Wabi-Sabi for Artists, Designers, Poets & Philosophers: For Artists, Designers, Poets and Designers Paperback – Illustrated*, 1 November 2008

(For the candidates admitted from the academic year 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-FIRST YEAR- SEMESTER-II

COURSE TITLE	ALLIED 3 - PAINTING TECHNIQUES OF INDIAN ARTS
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC2ALP03
COURSE TYPE	PRACTICAL
CREDITS	2
MARKS	100

GENERAL OBJECTIVE

To enable the students towards the knowledge of Indian Arts and Paintings

COURSE OBJECTIVES

The learner will be able to

Co no.	Course objectives
Co-1	To identify the different painting forms of India
Co-2	To know the techniques of Tanjore paintings
Co-3	To know the traditional values of Kalamkari, Madhubhani etc
Co-4	To collect the different mediums used for paintings
Co-5	To know drawing techniques of different patterns

The students should keep a record with different cultural paintings arts

- ✓ Tanjore Arts 9 hrs
- ✓ Kalamkari Arts 9 hrs
- ✓ Madhubhani Paintings 9 hrs
- ✓ Warli paintings 9 hrs
- ✓ Pattachitra Paintings 8 hrs
- ✓ Rajasthani mini paintings 8 hrs
- ✓ Kalamezhuthu 8 hrs

COURSE OUTCOMES (CO)

The learners

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand the traditional forms of paintings	PSO1	R
Co-2	Applying the different mediums	PSO3	Ap
Co-3	Analyzing the different techniques used to finish the paintings	PSO4	An

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

A Record of the work done is to be done at the time of examination.

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B.SC. FASHION AND COSTUME DESIGNING
B.SC.-FIRST YEAR- SEMESTER-II

COURSE TITLE	MAJOR SKILL BASED ELECTIVE-1-SURFACE EMBELLISHMENT PRACTICAL
TOTAL HOURS	30
HOURS/WEEK	2
CODE	U20FC2SBP01
COURSE TYPE	PRACTICAL
CREDITS	1
MARKS	100

GENERAL OBJECTIVE

To enable the students to learn about the basic embroidery stitches and its variations.

COURSE OBJECTIVES (CO)

The student will be able to

CO No.	Course Objectives
CO-1	To practice about the basic embellishment stitches.
CO-2	To create and implement a motif using decorative embroidery stitches.
CO-3	To enable the hands-on practice about the advanced stitches in surface embellishment

Create a Motif or a design and implement the embellishment by using the following stitches:

I. Basic stitches:

10 hrs

- a) Running stitch.

- b) Whipped running stitch
- c) Back stitch.
- d) Whipped back stitch.
- e) Chain stitch.

II. Decorative stitches:

10 hrs

- a) French knot.
- b) Bullion knot.
- c) Lazy daisy.
- d) Stem Stitch
- e) Herringbone stitch.

III. Advanced Stitches:

10 hrs

- a) Satin stitch.
- b) Feather stitch.
- c) Blanket stitch.
- d) Cut Work.
- e) Mirror Work.

COURSE OUTCOMES (CO)

The learners

Co.no.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Implementation of motifs using basic embroidery stitches.	PSO 3,4	R, U
CO-2	Creation of decorative embroidery designs.	PSO 2	S
CO-3	Experimental application of advanced embroidery stitches using various motifs.	PSO 5	AP

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

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SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
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B.Sc. FASHION AND COSTUME DESIGNING
B.Sc.,-SECOND YEAR- SEMESTER-III

COURSE TITLE	MAJOR CORE – 6 - FABRIC STRUCTURE AND DESIGN
TOTAL HOURS	75
HOURS/WEEK	5
CODE	U20FC3MCT06
COURSE TYPE	THEORY
CREDITS	4
MARKS	100

GENERAL OBJECTIVE

To enable the students towards the knowledge from basic raw material to manufacturing process of textiles

COURSE OBJECTIVES (CO)

The learner will be able to

CO NO.	Course Objectives
CO-1	To identify and gain the knowledge about Basic woven designs
CO-2	To learn about the different types of novelty weaves
CO-3	To study about different weave structure of figured fabrics
CO-4	To acquire about weaving process and weaves of pile fabrics
CO-5	To learn about the double cloth and its classification

UNIT-I: BASIC WOVEN AND ITS MECHANISM

15 Hrs

Introduction and Classification of Woven structures. Design-Point paper design, Methods of weave Representation and weave repeat, basic elements of a woven design, Peg plan and its types. Basic Weaves – Plain, Twill, Satin.

Extra reading/Key words: Types of draft, Loom mechanism

UNIT- II: NOVELTY WEAVES**15 Hrs**

Novelty weaves-Pile weave, Double cloth weave, Gauze weave, Swivel Weave, Lappet weave, Honey Comb - ordinary, brighten, Huck a Back, Crepe and Mock Leno. End uses of the above weaves.

Extra reading/Key words: Jacquard weave, Dobby Weave

UNIT-III: FIGURED FABRICS**15 Hrs**

Extra warp and extra weft figuring – single and two colors, Difference between extra warp and extra weft figuring.

Extra reading/Key words: Uses of Extra warp and Extra weft fabrics.

UNIT-IV: PILE FABRICS**15 Hrs**

Pile Fabric- Classification of Pile Fabric – Weft File Fabric-Corded Velveteen, Warp Pile Fabric – Terry Pile.

Extra reading/Key words: Uses and comparison of warp and weft pile fabrics.

UNIT-V: DOUBLE CLOTH**15 Hrs**

Double cloth-Classification of double cloths.-principles of double cloth production - Stitching from Face to back, Back to Face and Combination. -Method of construction of simple - self stitched double cloths, centre stitched double cloths -wadded double cloths -applications of double cloths.

Extra reading/Key words: Advantage and disadvantage of Double cloth

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars.

Course outcomes (CO):

The learner

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand about basic woven design and its mechanism.	PSO2	U
Co-2	Learn about different weave structure of novelty weaves.	PSO2	U

Co-3	Learn different types of figured fabrics.	PSO2	U
Co-4	Analyze about the mechanism in pile fabric production.	PSO4	An
Co-5	Understand about the different manufacturing process of double cloth.	PSO2	U

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. M.G. Mahadevan, Textiles Spinning, Weaving and Designing, First Edition, Abhishek Publications Chandigarh, 2005.
2. W.S. Murphy, Textile Weaving and Design, First Indian Edition, Abhishek Publications, Chandigarh, 2007.

BOOKS FOR REFERENCE

1. N.Gokarneshan, Fabric Structure and Design, , New Age International (P) Ltd, Publishers, New Delhi, 2006.

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DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.Sc. FASHION AND COSTUME DESIGNING
B.Sc.-SECOND YEAR- SEMESTER- III

COURSE TITLE	CHILDRENS WEAR PRACTICAL
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC3MCP07
COURSE TYPE	PRACTICAL
CREDITS	3
MARKS	100

GENERAL OBJECTIVE

To enable the students towards the knowledge about the children's wear garments

COURSE OBJECTIVES

The learner will be able to

Co no.	Course objectives
Co-1	To identify the different patterns of children's wear
Co-2	To know the techniques of stitch the Infant wear and Toddler wear
Co-3	To know the different techniques of pleats and frills
Co-4	To collect the different fabric for stitching
Co-5	To know different patterns and creative design with basic knowledge.

I. Design and Construction of the following garments:

1. Infant Dresses 20hrs

- i. Jabla
- ii. Plain knicker
- iii. Bib
- iv. Bonnet
- v. Baby Frock
- vi. Baby Bed Set

2. Toddler's Dresses 20hrs

- i. Romper
- ii. Frock-A-line
- iii. Summer Frock
- iv. Yoke frock

3. Pre schooler's Dresses (Girls) 20hrs

- i. School Uniform
- ii. Skirt blouse

COURSE OUTCOMES (CO)

The learner

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand the different patterns	PSO1	R
Co-2	Applying the different patterns in fabric	PSO3	Ap
Co-3	Analyzing the creative design, pattern and techniques used in children's wear garment	PSO4	An

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

A Record of the work done is to be done at the time of examination.

PRESCRIBED TEXT BOOKS

1. Hilary Campbell, Designing Patterns, Om Book Services, New Delhi, 2003.
2. Helen Joseph, Pattern Making for Fashion Design, Armstrong Pearson Education, Delhi, 2000.

BOOKS FOR REFERENCE

1. Samantha Me Nesby – Baby Couture, K.P. Books, USA, 2005.
2. Winifred Aldrich, Metric Pattern Cutting for Childrens Wear and Baby Wear – Third Edition, Black Well Publishing, New Delhi, 2007.

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B.SC. FASHION AND COSTUME DESIGNING
B.SC.-SECOND YEAR- SEMESTER-III

COURSE TITLE	MAJOR CORE – 8 - FABRIC STRUCTURE AND DESIGN PRACTICAL
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC3MCP08
COURSE TYPE	PRACTICAL
CREDITS	3
MARKS	100

GENERAL OBJECTIVE

To enable the students towards the knowledge from basic fabric structure and design and its analysis.

COURSE OBJECTIVES (CO)

The learner will be able to

CO NO.	Course Objectives
CO-1	To gain the knowledge and design,draft and lift the basic woven designs
CO-2	To learn,design and draft about the different types of novelty weaves
CO-3	To study about different weave structure of figured fabrics

I. Analyse the Fabric Structures

1. Plain weave and its derivatives
2. Warp rib
3. Weft rib
4. Twill Weave
5. Satin and Sateen
6. Honey Comb Weave

7. Huck a Buck Weave
8. Extra warp figuring
9. Extra weft figuring.
10. Dobby
11. Jacquard.

COURSE OUTCOMES (CO)

The learner

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand about the design,draft and lift basic weaves.	PSO2	U
Co-2	Learn about different weave structure of novelty weaves.	PSO2	U
Co-3	Learn different types of figured fabrics.	PSO2	U

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

A Record of the work done is to be done at the time of examination.

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1. M.G. Mahadevan, Textiles Spinning, Weaving and Designing, First Edition, Abhishek Publications Chandigarh, 2005.
2. W.S. Murphy, Textile Weaving and Design, First Indian Edition, Abhishek Publications, Chandigarh, 2007.

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1. N.Gokarneshan, Fabric Structure and Design, , New Age International (P) Ltd, Publishers, New Delhi, 2006

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B.SC. FASHION AND COSTUME DESIGNING
B.SC.-SECOND YEAR- SEMESTER-III

COURSE TITLE	MAJOR SKILL BASED ELECTIVE-SBE-2-FASHION AND CLOTHING PSYCHOLOGY
TOTAL HOURS	30 HRS
HOURS/WEEK	2 HRS
CODE	U20FC3SBT02
COURSE TYPE	THEORY
CREDITS	1
MARKS	100

GENERAL OBJECTIVE

To enable the students with the knowledge of Fashion designing and the current trends of Fashion Designers and planning related to Fashion business

COURSE OBJECTIVES (CO)

The student will be able to

CO No.	Course Objectives
CO-1	To identify and gain knowledge about Fashion and its components
CO-2	Analyze about Fashion Designers and to know about types of Fashion Designers
CO-3	To know about Fashion Business and identify the various personalities of designer
CO-4	Study about Fashion Brands and International Business
CO-5	To familiarize about International Fashion Centers

Unit I: Origin and Introduction Of Fashion**6 Hrs**

Origin of Fashion-Importance and Development of Fashion, Components of Fashion-Design, color, Texture and Silhouette. Types of Silhouette.

Extra reading/Key words: Basic terms in fashion and its History.

Unit II: Fashion Designers**6 Hrs**

Introduction of Fashion Designers, Types of Fashion Designers-Stylist and Freelance Designer. Indian Fashion designers-Manish Malhotra, Ritu Kumar, RittuBeri, TarunTahilani, Abu Jani, JJ valaya, Manish Arora. International Fashion Designers.

Extra reading/Key words: Fashion designers and their classifications.

Unit III: Fashion Business**6 Hrs**

Fashion Business, Scope and Importance, Role of Various Personalities-Designer Role, Manufacturer Role and Retailer Role. Fashion Related Theories and cycle.

Extra reading/Key words: Fashion psychology terms and their Theories.

Unit IV: Fashion Brands**6 Hrs**

Fashion Brands-International Fashion Brands-Women's wear, Men's wear, Kids wear, Sportswear, Cosmetics and accessories.

Extra reading/Key words: Internal and international Fashion Brands

Unit V: Fashion Centers**6 Hrs**

Fashion Centers-Introduction and its features. International Fashion Centers-France, Italy, England, Germany, Newyork and Canada.

Extra reading/Key words: Features and types of Fashion centers

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars.

COURSE OUTCOMES

The learner

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Understand about Fashion and its components	PSO-1	R,
CO-2	Learn about Fashion Designers and types of Fashion Designers	PSO-2	U
CO-3	Understand the concept of Fashion Business and identify the various personalities of designer	PSO-1,2	R,U
CO-4	Analyze the concept of Fashion Brands and International Business	PSO-2	U
CO-5	Classify the International Fashion Centers	PSO-5	E

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. Abramov I: An analysis of personal color analysis. The psychology of fashion: From conception to consumption. Edited by: Solomon M. 1985, Lexington Books, Lexington.
2. Adam H, Galinsky AD: Enclothed cognition. Journal of Experimental Social Psychology. 2012.

BOOKS FOR REFERENCES:

1. Banister E, Hogg M: Negative symbolic consumption and consumers' drive for self-esteem: the case of the fashion industry. European Journal of Marketing.
2. Behling D, Williams EA: Influence of dress on perception of intelligence and expectations of scholastic achievement. Clothing and Textiles Research Journal.
3. Workman JE, Freeburg EW: Victim dress, and perceiver variables within the context of attribution theory.

(For the candidates admitted from the academic year 2020 onwards)
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SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.Sc., FASHION AND COSTUME DESIGNING
B.Sc., - SECOND YEAR- SEMESTER-III

COURSE TITLE	ALLIED -4 -HISTORIC TEXTILES AND COSTUMES
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U21FC3ALT04
COURSE TYPE	THEORY
CREDITS	2
MARKS	100

GENERAL OBJECTIVE

The students will learn about Origin of costumes and details about traditional woven, printed and embroidered textiles of India.

COURSE OBJECTIVES (CO)

The student will be able to

CO No.	Course Objectives
CO-1	Analyze the development of costumes from ancient to modern period
CO-2	To know about the traditional woven textiles in India
CO-3	To familiarize about the various kinds of printed and dyed textiles
CO-4	To identify about the Indian embroideries
CO-5	To know about the costumes of India

Unit I: Origin of Costumes

12 Hrs

Theories of clothing origin, Invention of needle, Development of sewing, Development of garment styles and Role of costumes. History of Indian Garments from ancient to modern times.

Extra reading/Key words: History of Costume, History of Sewing.

Unit II: Traditional Woven Textiles

12 Hrs

Dacca muslin, Jamdani, Chanderi, Baluchar Buttedar, Brocades- Kam Kawab, Paithani, Peethamber, Kancheepuram brocade, Banaras brocade, Himrus and Amrus, Kashmiri shawl.

Extra reading/Key words: Traditional textile of India, History of Traditional Costume.

Unit III: Traditional printed and dyed Textiles

12 Hrs

Printed Textiles: Kalamkari. Block printing, Roghan printing and other printed and painted textiles (Mata – mi- pachedi, Pabuji-ka-pad) Dyed Textiles: Ikat, Patola, Bandhani, Laharia, Mashru

Extra reading/Key words: Traditional Printed Textiles and Dyed Textiles.

Unit IV: Embroideries of India**12 Hrs**

Kantha of Bengal, Gujarat embroidery, Kasuti of Karnataka, Chamba roomal of Himachal, Pulkari of Punjab, Chikankari of Uttar Pradesh.

Extra reading/Keywords: Indian embroideries and Handworks

Unit V: Costumes of India**12 Hrs**

Introduction to Traditional Indian dress, Costumes of West Bengal, Assam, Bihar, Uttar Pradesh, Rajasthan, Gujarat, Maharashtra, Punjab, Kashmir, Himachal Pradesh & South India. An introduction to Traditional ornaments of India.

Extra reading/Key words: Indian Traditional Costumes, Traditional Indian Ornaments.

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars.

COURSE OUTCOMES (CO)

The learner

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Understand the usage of ancient techniques	PSO-1	R, U, AP
CO-2	Learn about different kinds of woven textile material	PSO-1,2	An
CO-3	Able to know about printing and dyeing techniques	PSO-2,3	R,E
CO-4	Identify different states of embroideries of India	PSO-2	R,E
CO-5	Identify different states of traditional costume of India	PSO-2,3	U

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. James Laver, Costume and Fashion and Concise History Published by Thames & Hudson, London, 2002.
2. Dr. Parul Bhatnagar Traditional Indian and Textiles. Published by Abhisek Publications, Chandigarh, 2004.

BOOKS FOR REFERENCE

1. Jasleen Dhamija and Jyotindra Jain Hand woven Fabrics of India – Map in Publishing Pvt. Ltd. Ahmedabad, 2002.
2. Manmeet Sodhia, History of Fashion, Kalyani Publishers, New Delhi, 2000.
3. Premalatha Mullick, Textile Designing, Kalyani Publishers, New Delhi, 2007.

(For the candidates admitted from the academic year 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-SECOND YEAR- SEMESTER-III

COURSE TITLE	NON MAJOR ELECTIVE-I-SURFACE EMBELLISHMENT PRACTICAL
TOTAL HOURS	45
HOURS/WEEK	3
CODE	U20FC3NMP01
COURSE TYPE	PRACTICAL
CREDITS	3
MARKS	100

GENERAL OBJECTIVE

To enable the students to learn about the basic embroidery stitches and its variations.

COURSE OBJECTIVES (CO)

The student will be able to

CO No.	Course Objectives
CO-1	To practice about the basic embellishment stitches.
CO-2	To create and implement a motif using decorative embroidery stitches.
CO-3	To enable the hands on practice about the advanced stitches in surface embellishment

Create a Motif or a design and implement the embellishment by using the following stitches:

I. Basic stitches:

15 hrs

- a. Running stitch.
- b. Whipped running stitch
- c. Back stitch.
- d. Whipped back stitch.
- e. Stem stitch
- f. Chain stitch

II. Decorative stitches:

15 hrs

- a. Magic chain stitch.
- b. Lazy daisy.
- c. French knot
- d. Bullion knot
- e. Herringbone stitch.
- f. Cross stitch

III. Advanced Stitches:**15 hrs**

- a. Satin stitch.
- b. Feather stitch.
- c. Mixed Blanket stitch.
- d. Ribbon Blanket stitch
- e. Cut Work.
- f. Mirror Work.

COURSE OUTCOMES (CO)

The learner

Co.no.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Implementation of motifs using basic embroidery stitches.	PSO 3,4	R, U
CO-2	Creation of decorative embroidery designs.	PSO 2	S
CO-3	Experimental application of advanced embroidery stitches using various motifs.	PSO 5	AP

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

A Record of the work done is to be done at the time of examination.

(For the candidates admitted from the academic year 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-SECOND YEAR- SEMESTER-IV

COURSE TITLE	MAJOR CORE-9 - TEXTILE WET PROCESSING
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC4MCT09
COURSE TYPE	THEORY
CREDITS	3
MARKS	100

GENERAL OBJECTIVE:

The students will learn about the different Pretreatments, Dyeing and Printing process, they will also learn about different finishing process to fabrics.

COURSE OBJECTIVES (CO)

The student will be able to

CO No.	Course Objectives
CO-1	To know the concept of textile processing in cotton, silk, wool and synthetic materials
CO-2	Explain about the preparatory process
CO-3	Examine different kinds of dyeing process and its classification
CO-4	Analyze various kinds of printing and its procedures
CO-5	To study about the various textile finishers used for different textile materials

Unit I: Textile Processing

12 Hrs

Definition, need for Processing, Dry and Wet Processing as related to the common fabrics: Cotton, Silk, Wool, and Synthetics.

Extra reading/Key words: Textile Processing, Fabric Preparatory Processing.

Unit II: Preparatory Process

12 Hrs

Meaning, Need for Preparatory Processes. Types – singeing, scouring, bleaching, mercerizing, desizing.

Extra reading/Key words: Processing of Textile Fabrics, Processing of Wool

Unit III: Dyeing

12 Hrs

Classification of dyes and stages of dyeing, characteristics of dye, direct, vat, sulphur, reactive, naphthol, acid, basic and disperse dyes – Methods of dyeing cotton, silk, wool, and synthesis of reactive dyes, dyeing of fibre blends.

Extra reading/Key words: Types of Dyes, Dyeing Techniques.

Unit IV: Printing and Printing Procedures**12 Hrs**

Definition Types, Direct style block, stencil, screen, roller printing, duplex printing, rotary, transfer printing, discharge style, resist style – batik, tie and dye, minor printing methods – flocking, marbelling, photo printing, warp printing and air brush printing.

Extra reading/Key words: Varieties of Dyeing and Dyeing Techniques.

Unit V: Textile Finishers**12 Hrs**

Calendering, stentering, stiffening, decanting, beetling, glazing, schreinerizing, embossing, moiering, ciering, raising, napping, gigging, shearing, water proofing, water repellency, sanforizing, wash and wear, fire proofing, crepe and crinkle effect.

Extra reading/Key words: Textile Finishing and types of textile finishers.

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars.

COURSE OUTCOMES (CO)

The learner

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Understand about the textile process	PSO-1	R, U
CO-2	Identify the preparatory process of the textile material	PSO-1,2	S
CO-3	Demonstrate various kinds of dyeing techniques	PSO-3	AP
CO-4	Posses skills in different methods of printing and their techniques	PSO-1,3	U, AP
CO-5	Apply different kinds of finishers to the various textile materials	PSO-3	C

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. Manivasakam.N. Treatment of Textile Processing Effluents, sakthi publications, Coimbatore, 1995.
2. C.W. Pellow (2000) Dyes and Dyeing, Abhishek publication.

BOOKS FOR REFERENCE

1. Carbman B.P (2000) fiber to fabric, International Students Edition MC Graw Hill Book Co., Singapore.
2. Clarke, W. (2004) An Introduction to Textile Printing, Wood Head Publishing Limited.
3. J.L. Smith, (2000) Textile Processing, Abhisekh Publications, Chandigarh.

(For the candidates admitted from the academic year 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-SECOND YEAR- SEMESTER- IV

COURSE TITLE	MAJOR CORE-10-WOMEN'S WEAR
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC4MCP10
COURSE TYPE	PRACTICAL
CREDITS	4
MARKS	100

General objective:

To enable the students to learn the practical knowledge about Home Textiles and Children's Wear.

Course Objectives (CO):

The student will be able to

CO No.	Course Objectives
CO-1	To create a design, draft and construct a basic in saree petticoat.
CO-2	To create and construct a decorative blouse.
CO-3	To enable the hands-on practice about construction of a skirt.
CO-4	To construct a suitable top for basic skirt.
CO-5	To Create a pattern and construct a salwar using suitable fabric.
CO-6	To draft a design and construct a kameez for a basic salwar.
CO-7	To design and construct a night pant along with the shirt using the pattern.

I. Design and construct the following Women's Garments

- | | |
|--------------------|-------|
| 1. Saree Petticoat | 8 Hrs |
| 2. Blouse. | 9 Hrs |
| 3. Skirt. | 8 Hrs |
| 4. Skirt top. | 8 Hrs |
| 5. Salwar. | 9 Hrs |
| 6. Kameez. | 9 Hrs |
| 7. Pyjamma | 9 Hrs |

COURSE OUTCOMES (CO)

The learner

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Enhance about the practice in construction of a saree petticoat.	PSO-3,4	R,U
CO-2	Creation and implementation of a pattern and garment for blouse.	PSO-6	A
CO-3	Implementation of a suitable design for skirt.	PSO-3,4	R,U
CO-4	Preparation of a pattern and garment of skirt top.	PSO-4,8	U,C
CO-5	Creation of a draft pattern for salwar.	PSO-8	C
CO-6	Implementation of garment design for kameez.	PSO-8	C
CO-7	Creation of a suitable pattern and a design for pyjamma	PSO-4,8	U,C

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

A Record of the Work done is to be submitted at the time of examination.

For the candidates admitted from the academic year 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.Sc., FASHION AND COSTUME DESIGNING
B.Sc., SECOND YEAR- SEMESTER - IV

COURSE TITLE	MAJOR ELECTIVE – 2 - FABRIC CARE
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC4MET02
COURSE TYPE	THEORY
CREDITS	3
MARKS	100

GENERAL OBJECTIVE

The students will gain knowledge regarding care and maintenance of textiles and learn about different laundering equipment.

COURSE OBJECTIVES (CO)

The student will be able to

Co. no	Course Objectives
Co – 1	To Impart knowledge about water types
Co -2	To learn about the Bleaches and blues
Co – 3	To study about stain removal
Co – 4	To understand about the Laundry equipments
Co – 5	To acquire knowledge about the care of Home fabrics

Unit I : Water

12 Hrs

Water – Sources of water, Types of hardness, methods of softening water – Alkali method, lime soda method. Determination of hardness. Laundry Soaps – Manufacture of soap, composition of soap, commonly available types of soap, soap less detergents, and chemical action of detergents.

Extra reading/Key words: Cleaning agents – Degreasers, Abrasives, acids

Unit II : Bleaches

12 Hrs

Bleaches – Classification, Types of Bleaches - Open Air and Sunlight, Sodium hypochlorite, hydrogen peroxide, potassium permanganate. Application of bleaches to various fibre fabrics, the right way to bleach. Optical brighteners. Laundry blues, Fluorescent Brightening Agents (FBAS). Stiffening Agents: Purposes of stiffening, classification of stiffening agents, Preparation and uses of stiffeners, steps in stiffening.

Extra reading/Key words: Application of blues to fabrics, Application of stiffening agents to fabrics.

Unit III: Stain removal**12 Hrs**

Stain removal: Identification of stain, General procedures of stain removal, Home removal of stains, classification of stains, Principles of stain removal, classification of stain removers. Care labels: Instruction for washing, bleaching, drying, Ironing and dry cleaning. Placement of labels in garments.

Extra reading/Key words: Stain prevention, Solvent method of stain removal.

Unit IV: Laundry Equipments**12 Hrs**

Laundry equipments: Household laundry equipments, Laundry procedures for various fiber fabrics – cotton, linen, wool, silk and synthetics. Dry cleaning: Definition, dry cleaning operations, dry cleaning materials.

Extra reading/Key words: Types of laundry, Steam Cabinet.

Unit V: Care**12 Hrs**

Care of special items: Draperies and curtains, Rugs and carpets. Storage of household linen and apparel: Bed linen, Bath linen, Bath accessories, Table linen and Apparels. Laundries – Types and their functioning, planning of laundry area.

Extra reading/Key words: Laundering of Specific fabrics - Cotton, Silk, Wool and Synthetics.

Note: Texts given in the Extra reading /Key words must be tested only through Assignments and Seminars.

COURSE OUTCOME (CO)

The learner

Co.no	Course outcome	PSOs Addressed	Cognitive Level
Co – 1	To impart knowledge about water	PSO-1	U
Co – 2	Understand about the different types of bleaches and blues	PSO-1,2	U,R
Co – 3	Analyze about the stain removal	PSO-2,3	An, R
Co – 4	To evaluate about the laundry equipment's	PSO-4	E
Co – 5	To study the care and maintenance of special items	PSO-3,4	R,U

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. Fundamentals of textiles and their care by (5th edition), Sushela Dantyagi, Orient Long man ltd, New Delhi.

BOOKS FOR REFERENCE:

1. Fabric care by Noemia. D'Souza., New age International (P) ltd., Publishers, Chennai.

(For the candidates admitted from the academic year 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-SECOND YEAR- SEMESTER-IV

COURSE TITLE	ALLIED-5 - TEXTILE WET PROCESSING PRACTICAL
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC4ALP05
COURSE TYPE	THEORY
CREDITS	2
MARKS	100

GENERAL OBJECTIVE:

The students will learn about the different Pretreatments and Dyeing process in textile industry.

COURSE OBJECTIVES (CO)

The student will be able to

CO No.	Course Objectives
CO-1	To know the concept and do the Pretreatments in textile processing
CO-2	To Know and apply the different types of dyeing process based on the suitability of fabric.
CO-3	To study and apply the different types of printing process.

I.Preparation of samples for Processing 20 Hrs

1. Desizing
2. Scouring
3. Bleaching
4. Mercerizing

II. Dye the given fabric using suitable dye 20 Hrs.

1. Direct Dye
2. Reactive Dyes(Hot &Cold brand)
3. Sulphur Dyes
4. Vat Dyes
5. Acid Dyes
6. Basic Dyes

III. Print the given fabric by following printing techniques. 20 Hrs.

1. Tie and dye.
2. Batik.
3. Block and Stencil.

COURSE OUTCOMES (CO)

The learner will be able to

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-2	Identify the preparatory process of the textile material	PSO-1,2	S
CO-3	Demonstrate various kinds of dyeing techniques	PSO-3	AP
CO-4	Posses skills in different methods of printing and their techniques	PSO-1,3	U, AP

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

A Record of the Work done is to be submitted at the time of examination.

(For the candidates admitted from the academic year 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-SECOND YEAR- SEMESTER- IV

COURSE TITLE	ALLIED-6 - GARMENT MANUFACTURING TECHNOLOGY
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC4ALT06
COURSE TYPE	THEORY
CREDITS	2
MARKS	100

GENERAL OBJECTIVE

To enable the students towards the knowledge from Technology used in Manufacturing of garments.

COURSE OBJECTIVES

The learner will be able to

CO NO.	Course Objectives
CO-1	To identify and gain the knowledge about basics of Garment manufacturing Technology
CO-2	To learn about the techniques in marker planning and cutting
CO-3	To study about different types of stitches and seams
CO-4	To acquire about stitching process and sewing machines
CO-5	To identify about Fusing and Pressing

Unit-I: Introduction of Garment Manufacturing

12 Hrs

Garment manufacturing-Introduction. Techniques used in GMT-Planning, drawing, marker planning, Spreading, Cutting and Reproduction of Garments.

Extra reading/Key words: GMT, Reproduction of Garments.

Unit-II: Marking Plan, Spreading and cutting

12 Hrs

Reproduction of the marker. Marker plan-Definition. Basic requirements of marker planning. Efficiency of the marker plan. Spreading-Definition, Types and Methods of Spreading. Requirement of the spreading process. Cutting-Definition, Types, Requirement and Methods of cutting.

Extra reading/Key words: Marker plan, Spreading and cutting

Unit-III: Seam and Sewing Machine**12 Hrs**

Seam-Definition, seam types and stitch types. Sewing machine-Introduction and its feed mechanism, sewing machine needles and threads fibre types. Threads-Thread sizing, packages and seam performance. Common defects in stitching using sewing machine.

Extra reading/Key words: Stitch and fibre types of threads

Unit-IV: Classification of sewing machines and its components**12 Hrs**

Classification and types of Sewing machines-simple and semi automatic machines. Use of sewing components and trims – Labels, lining, Interlining, lace, braids & elastics, Hooks and loop fastening, Seam binding tape, Shoulder pad, Eyelets & laces, Zip fastener, Buttons, Tack buttons, Snap fasteners and Rivets.

Extra reading/Key words: Types of sewing machines, components in sewing

Unit-V: Pressing and Fusing**12 Hrs**

Pressing-Introduction and purpose of pressing. Pressing equipments and methods, pleating, permanent press. Fusing – Definition. Methods of Fusing. Fusible interlinings, Requirement and Methods of fusing. Process of fusing process.

Extra reading/Key words: Pressing and fusing

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars

COURSE OUTCOMES (CO)

The learners

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand about basic techniques in GMT	PSO2	U
Co-2	Learn about different types of cutting and spreading	PSO2	U
Co-3	Learn different types of seams and stitches	PSO2	U
Co-4	Analyze the sewing machine mechanisms and types	PSO4	An
Co-5	Understand the different methods in Fusing and Pressing	PSO2	U

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

TEXT BOOKS

1. Introduction to clothing production management – 2nd edition, A.J. Chutter, Blackwell Science, New Delhi.
2. Garment technology for Fashion Designers – Gerry Cooklin, Blackwell Science, New Delhi.

BOOKS FOR REFERENCE

1. Introduction to clothing manufacture – Gerry cooklin, Blackwell Science, New Delhi.

(For the candidates admitted from the academic year 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
SCHOOL OF MEDIA STUDIES AND FASHION DESIGN
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-SECOND YEAR- SEMESTER- IV

COURSE TITLE	NON-MAJOR ELECTIVE- 2 - PAINTING TECHNIQUES
TOTAL HOURS	45
HOURS/WEEK	3
CODE	U21FC4NMP02
COURSE TYPE	PRACTICAL
CREDITS	3
MARKS	100

GENERAL OBJECTIVE

To enable the students towards the knowledge of Different Techniques in Paintings

COURSE OBJECTIVES

The learner will be able to

Co no.	Course objectives
Co-1	To identify the different painting forms
Co-2	To know the techniques of Glass, Pot paintings
Co-3	To know the different techniques of Sand and Coffee paintings etc
Co-4	To collect the different mediums used for paintings
Co-5	To know drawing techniques of different patterns

The students should keep a record with different Techniques in paintings

- ✓ Glass Painting 6hrs
- ✓ Pot Painting 6hrs
- ✓ Embossed painting 7hrs
- ✓ Sand Painting 7hrs
- ✓ Coffee Painting 7hrs
- ✓ Foil Painting 6hrs
- ✓ Canvas painting 6hrs

COURSE OUTCOMES (CO)

The learner

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand the different forms of paintings	PSO1	R
Co-2	Applying the different mediums	PSO3	Ap
Co-3	Analyzing the different techniques and motifs used to finish the paintings	PSO4	An

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

A Record of the work done is to be done at the time of examination.

(For candidates admitted from 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS)
TIRUCHIRAPALLI-2 DEPARTMENT OF FASHION AND
COSTUME DESIGNING CHOICE BASED CREDIT SYSTEM
B.SC., FASHION AND COSTUME DESIGNING

Third Year - Semester- V

COURSE TITLE	MAJOR CORE- 11 – VISUAL MERCHANDISING
TOTAL HOURS	75
HOURS/WEEK	5
CODE	U20FC5MCT11
COURSE TYPE	THEORY
CREDITS	5
MARKS	100

General Objective:

The students will gain knowledge regarding Visual merchandising process and techniques in fashion Industry.

Course Objectives (CO):

After completion the student will be able to

Co.no	Course Objectives
Co – 1	To identify and gain knowledge about Visual Merchandising
Co -2	Analyze about the process in Visual Merchandising
Co – 3	To know about Merchandising
Co – 4	To understand about the Apparel Industry
Co – 5	To study about the Fashion Industry

UNIT –I VISUAL MERCHANDISING

Visual merchandising-Definition, Functions. History of Visual merchandising. Elements in Visual Merchandising, Quality processing in Visual merchandising.

Extra reading/Key words: Basics of merchandising and visual aspects.

UNIT –II STORE PLANNING AND FIXTURES

Store Plan-Definition, Features. Objectives in Store Design. Fixtures-Fixtures in Store planning, Purpose of Fixture, Types of Fixtures.

Extra reading/Key words: Fixtures, Hangers and Dress forms.

UNIT –III BOUTIQUE CIRCULATION PLAN

Botique- Meaning, Feature and its Importance. Circulation plan – Meaning, Rules for the Circulation Plan, Types of Circulation Plan.

Extra reading/Key words: Basics of Boutique and Boutique Management.

UNIT –IV – MERCHANDISE PRESENTATION

Merchandise Presentation –Meaning , Planogram – Meaning ,Purpose of Planogram, Implementation and Maintenance in Planogram. Merchandise Presentation –Meaning , Planogram – Meaning ,Purpose of Planogram, Implementation and Maintenance in Planogram.

Extra reading/Key words: Merchandising and it process.

UNIT –V WINDOW DISPLAY

Window display-Meaning, scope, features and its importance, Emerging trends in window display. Types of setting, Promotional display vs Institutional Display. Mannequins and its types. Lighting and its types. VM Tool kit

Extra reading/Key words: Window display and its uses in store plan

Note: Texts given in the Extra reading /Key words must be tested only through Assignments and Seminars.

TEXT BOOKS:

1. Merchandising technology, David spencer, Wood header publisher , New delhi
2. Principles of Visual Merchandising , D B Ajonker, Universal publishing corporation.(1998).

REFERENCE

1. Visual textile elements, Wilkens C U, Wilkens (1997).

(For candidates admitted from 2020 onwards)

HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
DEPARTMENT OF FASHION AND COSTUME DESIGNING
CHOICE BASED CREDIT SYSTEM
B.SC., FASHION AND COSTUME DESIGNING

Third Year - Semester- V

COURSE TITLE	MAJOR CORE- 12 - KNITTING
TOTAL HOURS	75
HOURS/WEEK	5
CODE	U20FC5MCT12
COURSE TYPE	THEORY
CREDITS	4
MARKS	100

General Objective:

The students will gain knowledge regarding Knitting process of fabric formation and its types and care of knitted fabric.

General Objective:

The students will gain knowledge regarding Knitting process of fabric formation and its types and care of knitted fabric.

Course Objectives (CO):

After completion the student will be able to

Co.no	Course Objectives
Co – 1	To identify and gain knowledge about knitting
Co -2	Analyze about the parts of knitting machine
Co – 3	To know about Weft knitting
Co – 4	To understand about the Warp knitting
Co – 5	To study about the maintenance of knitted material

UNIT I: Knitting

15 Hrs

Knitting – Definition, classification and history, types of knitting- hand and machine, characteristics of knitted goods.

Extra reading/Key words: Knit stitch and its formation, Comparison of weaving and knitting.

UNIT II: Knitting Technology

15 Hrs

General terms and principles of knitting technology, machine knitting , parts of machine, knitted loop structure, stitch density. Knitting Needles beard needles Latch needles compound needles.

Extra reading/Key words: properties of knitting, Industrialization of knitted fabrics.

UNIT III: Weft Knitting**15 Hrs**

Weft knitting –classification-circular rib knitting machine, purl, interlock, jacquard-single jersey machine-basic knitting elements-types and functions –knitting cycle,CAM-system-3 way technique to develop design-knit, tuck, miss-effect of stitches on fabric properties. Needle selection for weft knit design. Weft knitted fabric defects causes and remedies.

Extra reading/Key words: Fully fashioned knitting machine and Hosiery knitting

UNIT IV: Warp knitting**15 Hrs**

Warp knitting-lapping variations-tricot, raschel, simplex and Milanese - kitten raschel-single bar, 2 bar, multi bar machines. types of threading, production of nets, curtains, heavy fabrics, elasticized fabrics.

Extra reading/Key words: Advantage of warp knitting, Comparison of warp and weft knitting.

UNIT V: Care and Maintenance**15 Hrs**

Care and maintenance of, knitted material-washing, drying ironing, storing.

Extra reading/Key words: Stain removals, laundering.

Note: Texts given in the Extra reading /Key words must be tested only through Assignments and Seminars.

TEXT BOOKS:

1. Knitting technology, David spencer, Wood header publisher , New delhi
2. Principles of knitting, D B Ajonker, Universal publishing corporation.(1998).

SUGGESTED REFERENCE:

1. Warp knit elements, Wilkens C U, Wilkens (1997).

(For candidates admitted from 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
DEPARTMENT OF FASHION AND COSTUME DESIGNING
CHOICE BASED CREDIT SYSTEM
B.SC., FASHION AND COSTUME DESIGNING
Third Year- Semester-V

COURSE TITLE	MAJOR CORE 13-FASHION DRAPING TECHNIQUES PRACTICAL
TOTAL HOURS	75
HOURS/WEEK	5
CODE	U20FC5MCP13
COURSE TYPE	PRACTICAL
CREDITS	4
MARKS	100

General Objective:

The practical aims at making the students practice different techniques in Fashion Illustration and draping styles.

Course Objectives (CO):

After completion the student will be able to

CO No.	Course Objectives
CO-1	To know about the Fashion Draping and its different techniques
CO-2	Understand about the human figure proportions using different Head theories.
CO-3	Apply the head theories on fashion draping.
CO-4	Understand and apply different draping styles on dress forms.
CO-5	Understand about the different techniques of draping.

I. Draping:

The practical aims at making the students practice the techniques in Draping.

- | | |
|---|--------|
| 1. Introduction to Draping and Dress Forms. | 15 Hrs |
| 2. Draping Basic Front and Back | 15 Hrs |
| 3. Draping Basic Skirt | 15 Hrs |
| 4. Draping yokes, Shirt, Midriff Yoke | 15 Hrs |
| 5. Draping Collars (any 3) | 15 Hrs |
| 6. Drape Own Style of Garment with Variations | 15 Hrs |

Course Outcomes (CO):

The learner will be able to

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Understand the fashion illustration by means of doing basic sketching.	PSO-1	U
CO-2	Learn and Apply different sketching mediums in fashion illustration	PSO-2,3	U,AP
CO-3	Analyze about the design of the human body proportions using head theories	PSO-3,4	An
CO-4	Elaborate about the different draping techniques using dress forms	PSO-2,3	U,AP
CO-5	Understand, create and apply different draping styles on dress forms	PSO-1,2,4	U,C,AP

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap-Apply; An- Analyse; E- Evaluate; C- Create

A Record of the Work done is to be submitted at the time of examination.

BOOKS FOR REFERENCE:

1. Anna Kiper Published-2001 Fashion Illustration (Inspiration and Technique)
2. Karolyn kiisel, Draping (The Complete Course) Flexibound-1 July 2013
3. Ritu Beri, Fashion Illustration and Rendering (2005), B. Jain Publishers (P) Ltd., NewDelhi.
4. Bina Abling (2001), Fashion Rendering with Colours, Prentice Hall, New Jersey.
5. Patrick John Ireland (2005), Fashion Design Illustration. Men, Om Books International, New Delhi.
6. Alfred D. Dorkenzio (2001), Fashion Sketching; Drawing the Fashion Figure, Thomas Learning Custom Publishing.

(For candidates admitted from 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
DEPARTMENT OF FASHION AND COSTUME DESIGNING CHOICE
BASED CREDIT SYSTEM
B.SC., FASHION AND COSTUME DESIGNING
Third Year - Semester- V

COURSE TITLE	MAJOR CORE 14-MEN'S WEAR PRACTICAL
TOTAL HOURS	90
HOURS/WEEK	6
CODE	U20FC5MCP14
COURSE TYPE	PRACTICAL
CREDITS	4
MARKS	100

General Objective:

The practical aims to make the students to Draft and stitch the Men's Wear

Course Objectives (CO) :

After completion the student will be able to

CO No	Course Objectives
Co – 1	To Create designs for men's wear
Co - 2	To Standardize measurements based on designs.
Co - 3	To draft Patterns for men's wear
Co – 4	To know about the construction details of garments.
Co – 5	To Construct various garments for men's wear

Design and draft the following men's garment

1. S.B. Waist coat	11 Hrs
2. Nehru shirt	11 Hrs
3. Kalidar kurta	11 Hrs
4. Full sleeve shirt	11 Hrs
5. Slack shirt	10 Hrs
6. Pyjama	10 Hrs
7. One piece pant	11 Hrs

Course Outcomes (CO) :

The learner will be able to

Co No	Course outcome	PSOs Addressed	Cognitive Level
Co – 1	To learn about Standardizing of garments in Men's wear.	PSO-	R
Co – 2	Understand about the designing procedures of men's garment.	PSO-	U,R
Co – 3	To design various garments formen's wear	PSO-	U,E
Co – 4	Understand about the Construction procedures for men's garment.	PSO-	U
Co – 5	To construct various garments based on the procedures	PSO-	U, An

A Record of the Work done is to be submitted at the time of examination.

Book for Reference:

- 1 . Zarpkar system of cutting , Senapati Bapat Marg, Navneet publications (India) Limited2005

(For candidates admitted from 2020 onwards)

HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
DEPARTMENT OF FASHION AND COSTUME DESIGNING CHOICE
BASED CREDIT SYSTEM
B.SC., FASHION AND COSTUME DESIGNING

Third Year - Semester- V

COURSE TITLE	MAJOR ELECTIVE-III - HOME TEXTILES
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC5MET03
COURSE TYPE	THEORY
CREDITS	3
MARKS	100

General objective:

To enable the students towards the knowledge from basic fibres, fabrics and about different applications of home textiles.

Course objectives (co)

The learner will be able to

CO NO.	Course Objectives
CO-1	To gain the knowledge about basic of Home Textiles
CO-2	To study about window Textiles.
CO-3	To learn about Table Textiles and its types.
CO-4	To identify and gain knowledge about usage of textiles in bed and Kitchen areas
CO-5	To learn about Textile Floor Coverings and its manufacture.

Unit-I : Introduction and Concept in Home textile

12 Hrs

Home textile-Introduction, Definition and classification-Different Textile fibres used in home textile, Areas of application of Home textile.

Extra reading/Key words: Role of fabrics and properties of home textiles.

Unit-II: Window Textile

12 Hrs

Textile for Seating - Fixed Upholstery. Window Textiles-Sun filters, semi sheers, Reflective textiles, Curtain fabrics and Drapes, Blinds.

Extra reading/Key words: Tie-backs and trims window textiles

Unit-III: Table Textile

12 Hrs

Table Textiles – Table Cloths and Mats – woven, printed, jacquard, and embroidered types. Towels – Types of towels, bath robes, beach towels, kitchen towels, terry towels.

Extra reading/Key words: Properties and manufacturing process of table cloth.

Unit- IV: Bed Textile and Kitchen Textile

12 Hrs

Bed Textile - Sheets and Pillow Cases, Quilted Textiles, Blankets, Mattress covers. Kitchen Textile - Apron, Gloves and Table Cloth.

Extra reading/Key words: Bed spreads, Properties of fabric used for bed textiles.

Unit- V: Textile Floor Covering**12 Hrs**

Textile Floor Coverings – Introduction, Pile fibres, backing fibres and fabrics – Tufted Carpets, Needle felt backings, woven carpet. Woven Carpet Manufacture – Wilton weaving, Tufted Carpet Manufacture.

Extra reading/Key words: Types of Rugs and carpets.

Note: Texts given in the Extra reading /Key words must be tested only through Assignments and Seminars.

Course outcomes:

The learner will be able to

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand about the basic of Home Textiles	PSO3	R
Co-2	Learn about different types of Window Textiles	PSO2	U
Co-3	Learn about different types of Table Textiles and itsuses	PSO2	U
Co-4	Understand about the usage of textiles in bed and Kitchen areas	PSO4	An
Co-5	Understand about the different types of Textiles Floor Coverings	PSO7	E

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

TEXT BOOKS:

1. Carpets : Back to Front, Textile progress, Vol.19, No.3 by – L Cegiela MA, The Textile Inst.Publication
2. Textile Floor coverings by G.H. Crawshaw, Textile Progress, Vol.9, No.2, The Textile Inst.Publisher.

BOOKS FOR REFERENCE

1. Interior Furnishings, Textile Progress, Vol.11, No.1, By Mortimer O. Shea, The Textile Inst.Publication
2. Interior Furnishing by Mortimer O.Shea, Textile Progress, Vol.11, No.1, The Textile Institute,Publication.

HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
DEPARTMENT OF FASHION AND COSTUME DESIGNING
B.SC. FASHION AND COSTUME DESIGNING
B.SC.-THIRD YEAR- SEMESTER-V

COURSE TITLE	NME – DYEING AND PRINTING THEORY CUM LAB
TOTAL HOURS	45
HOURS/WEEK	3
CODE	U20FC5NMP03
COURSE TYPE	PRACTICALS
CREDITS	3
MARKS	100

GENERAL OBJECTIVE:

The students will practically learn about the different Pre-treatments process, different Dyeing and printing process based on the suitability of dyes and fabrics.

COURSE OBJECTIVES (CO)

The student will be able to

CO No.	Course Objectives
CO-1	To know the concept and do the Pretreatments in textile processing
CO-2	To Know and apply the different types of dyeing process based on the suitability of fabric.
CO-3	To study and apply the different types of printing process.

Unit I –Dyeing

Dyeing – Definition, Classification of dyes , Stages of dyeing. Types of Dyes - Direct Dye, Reactive Dyes(Hot &Cold brand), Basic Dye, Vat Dye, Acid Dye, and Disperse dye.

Unit II - Printing

Printing -Definition ,Types of printing - Hand and machine printing . Hand printing- Direct style, block, batik, tie and dye, stencil, screen, roller printing. Machine Printing - Rotary, Transfer printing, Photo printing. Discharge style, Resist style.

Unit III – Preparatory Process

Preparatory Process - Definition, Purpose of Preparatory Process. Stages of Preparatory process – Desizing, Scouring, Bleaching and Mercerizing.

Unit IV – Preparation Process of Textile Sample

Preparatory Process

1. Desizing
2. Scouring
3. Bleaching
4. Mercerizing.

Unit V - Prepare a dyeing and Printing samples by following techniques.

Dyeing –

1. Reactive (Hot & Cold Brand)
2. Natural Dyes.

Printing

1. Batik
2. Block
3. Stencil
4. Tie and Dye

COURSE OUTCOMES (CO)

The learner will

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Identify the purpose of dyeing on textile material		
CO-2	Identify the needs of printing on textile material		
CO-3	Identify the preparatory process of the textile material	PSO-1,2	S
CO-4	Demonstrate various kinds of preparatory process	PSO-3	AP
CO-5	Posses skills in different methods of dyeing and printing and their techniques	PSO-1,3	U, AP

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create.

A Record of the Work done is to be submitted at the time of examination

(For candidates admitted from 2020 onwards)
HOLY CROSS COLLEGE (AUTONOMOUS) TIRUCHIRAPALLI-2
DEPARTMENT OF FASHION AND COSTUME DESIGNING
CHOICE BASED CREDIT SYSTEM
B.SC., FASHION AND COSTUME DESIGNING
Third Year - Semester- V

COURSE TITLE	INDUSTRIAL RELATION
TOTAL HOURS	15
HOURS/WEEK	1
CODE	U20FC5IRT01
COURSE TYPE	THEORY
CREDITS	1
MARKS	100

General objective:

To enable the students towards the knowledge about Industrial process of textile, fashion and Apparel Industry.

Course objectives (co)

The learner will be able to

CO NO.	Course Objectives
CO-1	To gain the knowledge about basic Industrial weaving
CO-2	To study about Textiles in Knitting.
CO-3	To learn about Dyeing in Industry.
CO-4	To identify and gain knowledge about Printing in Industry.
CO-5	To learn about Garment manufacturing in Textile Industry.

Unit-I : Introduction and Concept in Weaving

3 Hrs

Weaving -Introduction, Definition and classification, Areas of application of Weaving.

Extra reading/Key words: Role of fabrics and properties of Weaving.

Unit-II: Knitted Textile

3 Hrs

Knitting -Introduction, Definition and classification, Areas of application of knitting.

Extra reading/Key words: Knitting and its end uses

Unit-III: Dyed Textile

3 Hrs

Dyeing -Introduction, Definition and classification, Areas of application of dyeing

Extra reading/Key words: Dyeing and its Techniques

Unit- IV: Printing

Printing -Introduction, Definition and classification, Areas of application of Printing

Extra reading/Key words: Printing and its Techniques

Unit- V: Garment Manufacturing Process

3 Hrs

Textile Garment manufacturing – Introduction, Garment Manufacture cycle.

Extra reading/Key words: Garment Industry and its operations.

Note: Texts given in the Extra reading /Key words must be tested only through Assignments and Seminars.

Course outcomes:

The learner will be able to

Co no.	Course outcomes	PSOs addressed	Cognitive level
Co-1	Understand about the basic of weaving	PSO3	R
Co-2	Learn about different types of Knitting	PSO2	U
Co-3	Learn about different types of Dyeing	PSO2	U
Co-4	Understand about the usage of textile printing	PSO4	An
Co-5	Understand about the different types of Garment Manufacturing	PSO7	E

Po- Programme Outcomes; Co- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

TEXT BOOKS:

1. Carpets : Back to Front, Textile progress, Vol.19, No.3 by – L Cegiela MA, The Textile Inst.Publication
2. Textile Floor coverings by G.H. Crawshaw, Textile Progress, Vol.9, No.2, The Textile Inst.Publisher.

BOOKS FOR REFERENCE

1. Interior Furnishings, Textile Progress, Vol.11, No.1, By Mortimer O. Shea, The Textile Inst.Publication
2. Interior Furnishing by Mortimer O.Shea, Textile Progress, Vol.11, No.1, The Textile Institute,Publication.

COURSE TITLE	MAJOR CORE 15 - GARMENT QUALITY AND COST CONTROL
TOTAL HOURS	75
HOURS/WEEK	5 HRS
COURSE CODE	U20FC6MCT15
COURSE TYPE	THEORY
CREDITS	5
MARKS	100

General Objective:

The students will learn about Quality, Cost and Production Control and they also gain knowledge about Merchandising.

Course Objectives (CO):

After completion the student will be able to

CO No.	Course Objectives
CO-1	To identify and gain knowledge about Quality control
CO-2	Analyze about Quality control system
CO-3	To know about Production control and its functions
CO-4	Study about Production control System
CO-5	To familiarize about cost control and its functions.

Unit I: Quality control and Merchandising

15 Hrs

Quality control - Definition and Scope. Merchandising and Merchandiser- Introduction. Merchandising Quality Standards. Quality control Specification, Establishing the Quality control specification.

Extra reading/Key words: Quality management and its evolution.

Unit II: Quality Control System

15 Hrs

Quality control system-Quality control in Raw material, Finished Garments, Packaging, Warehousing and Shipping. Sampling Plans-Industry Wide Quality standards.AQL Standard.

Extra reading/Key words: Total quality management and its principles.

Unit III: Production Planning Control

15 Hrs

Production Control-Introduction and functions of production control. Quality specification and Quantitative specification-Apparel manufacturing system-Co ordinating Apparel departmental Activities.

Extra reading/Key words: Quality trilogy and quality circles.

Unit IV: Production control system

15 Hrs

Production control system, Introduction-Types of Production Control System. Choosing a Production System, Evaluating Production system, Flow Process Grids and charts.

Extra reading/Key words: PDCA cycle, Kaizan concept

Cost control-Functions of cost control, Types of cost and Expenses. Establishment cost, Apparel Industry costing procedures. Apparel manufacturing cost categories-sales, Purchase, Production Administration. Standard Cost Sheet, Cash flow control.

Extra reading/Key words: EMS meaning, definition and its Benefits.

Note: Texts given in the Extra reading /Key words must be tested only through Assignments and Seminars.

Course Outcomes:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Understand about Quality control and Merchandiser	PSO-1	R,
CO-2	Learn about Quality control system	PSO-2	U
CO-3	Understand the concept of Production Control	PSO-2	,U
CO-4	Analyze the concept of Production control system	PSO-2	U
CO-5	Classify the functions of cost control	PSO-5,2	E,U

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

TEXT BOOK:

1. Mitreva, E., and Taskov, N., Projection and Implementation of Total Quality Management systems with in the textile production, Business Systems and Economics.
2. M., Khan, A.M., and Khan, M., Minimization of reworks in quality and productivity improvement in the apparel industry, International Journal of Engineering and Applied Sciences, 2013.

BOOKS FOR REFERENCES:

1. Mahnaz, F., and Ejaz, A., Quality Management in Pakistan's ready-made garments' industry, Quality Engineering, 2005.
2. Heizer, J., and Render, B., Operations Management: Sustainability and Supply Chain Management, Pearson: England, 2014.
3. Center for the Advancement of Process Technology (CAPT)., Process Quality, Pearson: United States of America, 2011.

COURSE TITLE	MAJOR CORE 16- TECHNICAL TEXTILE
TOTAL HOURS	75
HOURS/WEEK	5 HRS
CODE	U20FC6MCT16
COURSE TYPE	THEORY
CREDITS	4
MARKS	100

General Objective:

The students will learn about Technical textiles and its different types, applications and its characteristic, they will also gain knowledge about different technical fibres used.

Course Objectives (CO):

After completion the student will be able to

CO No.	Course Objectives
CO-1	To gain knowledge about Technical textiles and technical fibers
CO-2	Analyze about different types and functions of medical and agro textiles.
CO-3	To know about build-tech and geo textiles applications and its characteristic.
CO-4	To Study about functions and types of protective and industrial textiles
CO-5	To learn about the properties and functions of sports and smart textiles.

Unit-1- Introduction to Technical Textiles

18 Hrs

Definition, Classification, Applications, Globalization and Future of Technical Textiles industry. Technical Fibers - High Strength and high modulus organic fibers, High performance inorganic fibers, Ultra-fine and novelty fibers.

Extra reading/Key words: Manufacturing process of Novelty and technical fibers.

Unit-2 – Medical and Agro Textiles

18 Hrs

Medical Textiles: Introduction, Fibers used, Properties, Classification- Non- Implantable, Implantable, Extra corporal devices, Health care /Hygiene Products and Applications. Agro Textiles - Introduction, fibers used Types, functions and properties, Characteristics and Applications.

Extra reading/Key words: Agro-textiles, cloth textiles

Unit:3 - Build Tech and Geo Textiles

18 Hrs

Build Tech - Introduction, fibers used Types, functions and properties, Characteristics and Applications. Geo textiles: - Introduction, fibers used Types, functions and properties, Characteristics and Applications in its field.

Extra reading/Key words: Home-textiles, mobile-textiles

Unit:4 - Protective Textiles and Indu Tech

18 Hrs

Protective Textiles: Introduction, fibers used Types, functions and properties, Characteristics and Applications- Fire Protective clothing, Heat resistant garments, Water proof materials, Military Protective clothing. Indu Tech - Introduction, fibers used, Types, functions and properties, Characteristics and Applications in its field.

Extra reading/Key words: Oeko-textiles, pack textiles

Unit: 5 - Sports, Smart and Intelligent Textiles**18 Hrs**

Sports Textiles - Introduction, fibers used, Types, functions and properties, Characteristics and Applications of Sports Tech. Smart and Intelligent Textiles – Classification - Active smart, passive smart and very smart textiles and its characteristic and application.

Extra reading/Key words: Architecture textiles, Military textiles

Note: Texts given in the Extra reading /Key words must be tested only through Assignments and Seminars.

Course Outcomes (CO) :

Co. No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Understand about the basics of Technical textiles and technical fibers.	PSO-1	R, U
CO-2	Learn about the different types of medical and agrotexiles	PSO-2	U,An
CO-3	Understand the functions and properties of Build techand geo textiles.	PSO-1,2	R,U
CO-4	Analyze the fibers used and types of protective and industrial textiles.	PSO-2	A,U
CO-5	To learn about the different types and functions of sportsand smart textiles.	PSO-1,2	R,U

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply;An- Analyse; E- Evaluate; C- Create

TEXT BOOKS

1. Hand book of Technical textiles, A. R. Horrocks and S. C. Anand, Wood head publishing ltd, England,2000
2. Technical Textiles and its Application ,Dr.S.Grace Annapoorani , LASER Park Publishing House, India,2017
3. Textiles for Industrial Applications, R. Senthil Kumar, CRC Press,2013

BOOKS FOR REFERENCE

1. Textile Fibers: Developments and Innovations, Kothari, V., New Delhi: IAFL Publications, 2000.
2. Handbook of Industrial Textiles, Sabit Adanur, Wellington Sears CRC Press,1995.
3. Agro Textiles and its Application, Dr.S.Grace annapoorani, Wood head publishing ltd, India ,2018

COURSE TITLE	MAJOR CORE 17- EXPORT DOCUMENTATION
TOTAL HOURS	75
HOURS/WEEK	5 HRS
CODE	U20FC6MCT17
COURSE TYPE	THEORY
CREDITS	5
MARKS	100

General Objective:

The students will learn about Export and import procedures in apparel industry and learn about shipment procedure and its documentation.

Course Objectives (CO):

After completion the student will be able to

Co. No.	Course Objectives
CO-1	To know about Apparel Industry.
CO-2	To identify and gain knowledge about basics of export and Import.
CO-3	To know about the Export Procedures.
CO-4	Study about the terms of Shipments.
CO-5	To familiarize about Shipment Documentation.

Unit I: Apparel Industry

18 Hrs

World Apparel Industry, Indian Apparel Industry. Products and Product Centers, Competitiveness, Domestic Industry. Major Exporters in India. Recent trends in Apparel Industry in India. Challenges to Indian Apparel Industry.

Extra reading /Key words: Apparel Export, Indian Apparel Export, Trends

Unit II: Introduction of Export and Import

18 Hrs

Introduction of Export and Import, Trade-Definition and features. Types of Trade- Internal Trade, International Trade. Foreign Trade and Globalization. Advantages and Disadvantages of Trade

Extra reading /Key words: Domestic and International Trade

Unit III: Export Procedure

18 Hrs

Export process-Receipt of Enquiry, Role of Merchandiser, Documentation, Purchase Order, Terms of Payments-Advance Payment, Open account Documentary collection, Letter Of Credit-Flow of Letter Of credit, Parties of Letter of Credit, Types of Letter Of Credit Documents against Payment, Documents against Acceptance.

Extra reading/Key words: Export documentation, LOC.

Unit IV: Terms of Shipment

18 Hrs

Terms of Shipment- Incoterms, EXW, Free Carrier, FAS, FOB, CFR, CPT, CIP, DAF, DES, DEQ, DDU and DDP.

Extra reading/Key words: Shipment procedure, Shipping Procedures

Unit V: Shipment Documentation**18 Hrs**

Pre shipment and Post shipment Documentation. Generation of Documents- Commercial Documents, Regulatory Documents. Export Financing-RBI Guidelines to liberal export Finance .Types of shipment Finance -Pre shipment Finance, Post Shipment Finance, Post shipment Credit. Export and Import Procedures.

Extra reading/Key words: Pre shipment and Post shipment Documentation

Note: Texts given in the Extra reading /Key words must be tested only through Assignments and Seminars.

Course Outcomes (CO) :

Co. No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO1	Understand about the basics of Import and Export procedures	PSO-1	R,
CO2	Learn about the different environment of Apparel Industry	PSO-2	U
CO3	Understand the concept of Export Procedures	PSO-1,2	R,U
CO-4	Analyze the concept and terms in Shipments	PSO-2	U
CO-5	Classify the Shipment Procedures	PSO-4	E

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

TEXT BOOK:

1. Keegan, W.J. 1989, "Global Marketing Management", 4th ed., Prentice Hall International Edition.
2. Kwelepeteta, S.L., "Export Documentation", op.cit.

BOOKS FOR REFERENCES:

1. McGuiness, N.W. and Little, B. "The Influence of Product Characteristics on the Export Performance of New Industrial Products", Journal of Marketing, Spring 1981.
2. Kwelepeteta, S.L., "Legal Aspects of Foreign Trade", S. Carter (ed.), "Export Procedures" Network and Centre for Agricultural Marketing Training in Eastern and Southern Africa, August 1991.
3. Kimweli P.K. "Exporting of Horticultural Produce in Kenya". In S Carter, ed. "Marketing Management in the Horticultural Industry". Network and Centre for Agricultural Marketing in Eastern and Southern Africa, FAO, November 1991.

COURSE TITLE	MAJOR CORE 18-FASHION PORTFOLIO
TOTAL HOURS	90
HOURS/WEEK	6
CODE	U20FC6MCP18
COURSE TYPE	PRACTICAL
CREDITS	4
MARKS	100

General Objective:

The students will learn about Fashion Forecasting and gain Knowledge about components in the preparation of a Fashion Portfolio Presentation.

Course Objectives (CO):

After completion the student will be able to

CO No.	Course Objectives
CO-1	To identify and gain knowledge about Fashion Forecasting and client Profile
CO-2	To identify and gain knowledge about Mood Board, Theme Board, color Board and Texture Board
CO-3	To identify and gain knowledge about Working Drawing, Flat Sketch, Costing of The Garments and Spec sheet Formation
CO-4	Study about Fashion Drafting and Pattern Making
CO-5	To familiarize about Final Presentation

I. An Individual Fashion Portfolio Presentation Based on a Theme

- | | |
|---|--------------|
| 1. Fashion Forecasting. | 6 Hrs |
| 2. Client Profile | 6 Hrs |
| 3. Mood Board. | 6 Hrs |
| 4. Theme Board. | 6 Hrs |
| 5. Color Board. | 6 Hrs |
| 6. Texture Board. | 6 Hrs |
| 7. Sourcing | 6 Hrs |
| 8. Accessories Board-Trimming/Worn/Detachable | 6 Hrs |
| 9. Logo Creation. | 6 Hrs |
| 10. Working Drawing. | 6 Hrs |
| 11. Flat Sketch | 6 Hrs |
| 12. Costing. | 6 Hrs |
| 13. Spec Sheet. | 6 Hrs |
| 14. Drafting and Flat Pattern Making. | 6 Hrs |
| 15. Final Presentation. | 6 Hrs |

Course Outcomes (CO):

The learner will be able to

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Learn about Fashion Forecasting and client Profile	PSO-1	R,
CO-2	Understand about Fashion mood Board, Theme Board, Color Board and Texture Board	PSO-3	U
CO-3	To identify and gain knowledge about Working Drawing, Flat Sketch, Costing of The Garments and Spec sheet Formation	PSO-1,2	R,U
CO-4	Analyze the concept about Fashion Drafting and Pattern Making	PSO-4	U
CO-5	To Know about Final Presentation	PSO-5	E

A Record of the work done is to be done at the time of examination.

COURSE TITLE	MAJOR ELECTIVE- 4- TEXTILE FINISHING
TOTAL HOURS	60
HOURS/WEEK	4
CODE	U20FC6MET04
COURSE TYPE	THEORY
CREDITS	4
MARKS	100

General Objective:

The students will learn about the introduction of textile finishing and gain knowledge about different types of finishes.

Course Objectives (CO):

After completion the student will be able to

Co.no	Course Objectives
CO1	To identify and gain knowledge about Finishing and its types.
CO2	Analyze about the Mechanical finishing.
CO3	To know about the Functional finishing and its types
CO4	To study about Advanced functional finishing.
CO5	To Analyse and study about special finishing.

Unit - I – Introduction to finishing

15 Hrs

Finishing - Introduction – Objects of finishing, Importance of finishing, Classification of finishes, Advantages of finishing.

Extra reading/Key words: Purification and preliminary process of finishing.

Unit – II-Mechanical finishing

15 Hrs

Mechanical Finishes - Beetling, Shearing, Calendaring, Tentoring, Moirering, Embossing, Glazing, Napping, Chemical Weighting Of Silk, Sizing, Sanforizing, Schreinerer, Wrinkle free finish.

Extra reading/Key words: Peaching, Decatising, sueding, heat setting.

Unit – III –Functional finishing

15 Hrs

Functional Finish – Wash and wear finish, Water Proof finish, Water Repellent finish, Antimicrobial finish, Flame Retardant finish, Soil Release finish, Absorbency finish, Durable press finish.

Extra reading/Key words: Self cleaning, Fragrance finish, Bio-softening

Unit – IV- Advanced Functional Finishing

15 Hrs

Advanced Functional Finish - Stiff finish - Process, Softening - Silicone finish, Denim finish, Stone Wash finish, Anti - Pilling finish, Anti Mildew finish.

Extra reading/Key words: Nano Coating, Plasma finish, Encapsulation.

Unit - V –Special Finishing

15 Hrs

Special Finishes On Garments – Stone Wash effects – Mud wash, Ion wash, Chalk wash, Water resistant Breathable finish, Bio polishing, Leathery Finish, Protective Finishes – Deodorizing, Cool Finish and Thermostat finishes.

Extra reading/Key words: Flocking, Laminating, coating, Slop padding

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars.

Course Outcome:

Co No	Course outcome	PSOs Addressed	Cognitive Level
Co - 1	To learn about introduction to Finishing and its types	PSO-1	R
Co - 2	Understand about the Mechanical finishing	PSO-2	U
Co - 3	To learn about the functional finishing	PSO-1,2	R
Co – 4	To analyse and understand about advanced functional finishing.	PSO-3,4	U, An
Co – 5	Analyze about the special finishing	PSO-3,4	U, An

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

TEXT BOOKS:

1. Shenai and Saraf. 1995. Technology of Textile Finishing. Sevak publications.
2. Nallangilli and Jaya prakasam. 2005. Textile Finishing. S.S.M Institute of Textile Technology.

BOOKS FOR REFERENCE:

1. Prayag. 1996. Technology of finishing. Shree J. Printers, Pune.

COURSE TITLE	NON MAJOR ELECTIVE-4-WORLD COSTUMES
TOTAL HOURS	30
HOURS/WEEK	3
CODE	U20FC6NMT04
COURSE TYPE	THEORY
CREDITS	3
MARKS	100

GENERAL OBJECTIVE:

The students will learn about the different cultural History about Costumes, they will also learn about different types of Outfits from the past.

COURSE OBJECTIVES (CO)

The student will be able to

CO No.	Course Objectives
CO-1	To know the concept in Prehistoric Clothing
CO-2	Explain about the Costumes of Egypt
CO-3	Examine different kinds of costumes of India
CO-4	Analyze various kinds of Greek costumes
CO-5	To study about the various costumes of Roman

Unit I: Prehistoric Costumes

6 Hrs

Prehistoric Clothing, Prehistoric Headwear and Prehistoric Body Decorations

Extra reading/Key words: Early costumes and Skin Decorations

Unit II: Costumes of Egypt

6 Hrs

Egypt- Loincloth and Loin Skirt, Schenti and Tunic. Egyptian Headwear- Pschent, Wigs, Fragrant Oils and Ointments. Jewelry and Sandals.

Extra reading/Key words: Hair Dresses and Accessories.

Unit III: Costumes of India

6 Hrs

Indian Clothing- Burka, Chadar, Choli, Dhoti and Lungi, Jama, Punjabi Suit, Sari. Indian Headwear- Turbans. Jewelry- Amulets and Piercing. Indian Footwear- Chappals, Jutti, Khapusa and Paduka.

Extra reading/Key words: Types of Sarees, Saree Draping Techniques.

Unit IV: Costumes of Greek

6 Hrs

Ancient clothing of Greek- Chlaina and Diplax, Chlamys, Doric Chiton and Himation. Lion Coverings.

Extra reading/Key words: Varieties of hair dresses and Jewels.

Unit V: Roman Clothing**6 Hrs**

Braccae, Casula, Dalmatica, Etruscan Dress, Feminalia, Palla, Stola. Toga- Toga styles, Difficulties of the toga. Tunica.

Extra reading/Key words: Roman Hair Dressing and Foot Wear.

Note: Texts given in the Extra reading/Key words must be tested only through Assignments and Seminars.

COURSE OUTCOMES (CO)

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO-1	Understand about the Prehistoric costume practices.	PSO-1	R, U
CO-2	Identify the sources about costumes of Egypt	PSO-1,2	S
CO-3	Understand various kinds of costumes of India	PSO-3	A P
CO-4	Identify the sources about costumes of Greek	PSO-1,3	U, AP
CO-5	Apply different kinds of Hair dresses of Romans	PSO-3	C

PO- Programme Outcomes; CO- Course Outcome; R- Remember; U- Understand; Ap- Apply; An- Analyse; E- Evaluate; C- Create

PRESCRIBED TEXT BOOKS

1. Batterberry, Michael, and Ariane Batterberry. Fashion: The Mirror of History. New York: Greenwich House, 1977.
2. Bigelow, Marybelle S. Fashion in History: Apparel in the Western World. Minneapolis, MN: Burgess Publishing, 1970.
3. Boucher, François. 20,000 Years of Fashion: The History of Costume and Personal Adornment. Extended ed. New York: Harry N. Abrams, 1987.

BOOKS FOR REFERENCE

1. Lister, Margot. Costume: An Illustrated Survey from Ancient Times to the Twentieth Century. London, England: Herbert Jenkins, 1967.
2. Miller, Brandon Marie. Dressed for the Occasion: What Americans Wore 1620-1970. Minneapolis, MN: Lerner Publications, 1999.
3. Mulvagh, Jane. Vogue History of 20th Century Fashion. New York: Viking, 1988.