# VIVEKANANDHA

# COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS)

ISO 9001: 2015 | NAAC 'A+' | 2 (f) & 12 (B) | Affiliated to Periyar University | Approved by AICTE Tiruchengode - 637 205, Namakkal (Dt)., Tamil Nadu. www.vicas.org

# **DEPARTMENT OF TEXTILE AND FASHION DESIGNING**



# B.Sc. (TEXTILE AND FASHION DESIGNING) PROGRAMME CODE: UTFD

UNDER AUTONOMOUS OUTCOME BASED AND TANSCHE SYLLABUS

FOR CANDIDATES ADMITTED FROM (2023 - 2024)

VIVEKANANDHA EDUCATIONAL INSTITUTIONS ANGAMMAL EDUCATIONAL TRUST

### **INTRODUCTION**

Outcome Based Education is incorporated into the curriculum based on the requirements of TANSCHE/ NAAC – UGC-Quality Mandate. To fulfill these requirements, the Program Educational Objectives (PEO's), Program Outcomes (POs) and Program Specific Outcomes (PSOs) and Course Outcomes were framed for all programs in alignment with the Vision and Mission of the respective departments and in-turn with the Vision and Mission and Educational Objectives of the Autonomous college.

#### VISION OF THE COLLEGE

- To empower women by imparting Quality Education, Skill Development and Value.
- Based Education and to make them self- reliant, competent and socially responsible.

#### **MISSION OF THE COLLEGE**

- To impart higher education to Women Students from rural areas.
- To provide the student community with holistic learning opportunity.
- To provide an atmosphere with academic excellence to equip the women students with ethical values and technical knowledge.
- To endow an amicable ambience with all the resources to develop personality, employability, entrepreneurship and globally competent.

#### VISION OF THE DEPARTMENT

- To provide a highest standard in fashion pertaining to design, technology and management with proper level of discipline.
- To encourage creativity among student's body.
- To draw inspiration from India's textiles and crafts focusing on emerging global trends relevant to the industry.

#### **MISSION OF THE DEPARTMENT**

- To provide a transformative educational environment for talented young women to nurture their inventive potential.
- To acquire distinctive skills valuable to self, industry and society.
- To value and celebrate cultural and individual diversity in our students, faculty and alumni emphasizing the power of fellowship.

• To bring forth graduates to exact standards of professional excellence and personal integrity.

### PREAMBLE

The present curriculum of B.Sc., Textile and Fashion Designing is designed to impart knowledge and skills that is career oriented. It has special relevance to fashion, textile and marketing in industries with additional knowledge and experience in entrepreneurship skills, field work, industrial visit, Portfolio Presentation, marketing and hard skill in textile and fashion industry.

#### **ELIGIBILITY NORMS FOR ADMISSION**

Candidate should have passed the Higher Secondary Examination conducted by the Board of Higher Secondary Education, Government of Tamil Nadu or any other Examinations accepted by the syndicate as equivalent thereto with any subjects.

#### **DURATION OF THE COURSE**

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

#### **MEDIUM OF INSTRUCTION**

English

#### **EVALUATION**

Evaluation of the candidates shall be through Internal and External Examinations. The ratio of formative and summative assessment should be 25:75 for both Core and Elective papers.

#### **ABOUT THE PROGRAMME**

The UG Programme in Textile and Fashion Designing aims to promote students to become competent professionals in the area of Textile, Clothing and Fashion Design. The Programme enhances the students' skill by providing valuable insights into apparel designing, clothing psychology, garment production techniques, apparel quality standards, textile testing, eco-friendly textile processing, textile finishing and technical textiles. The Programme is structured to provide knowledge on scientific, technological and management concepts to face the challenges of textiles industry and to promote self-employment. The students are upgraded with critical thinking and problem-solving skills for management of Textile industry as employees as well as entrepreneurs.

Programme	Educational	Objectives	(PEOs)

The B.Sc., Textile and Fashion Designing program enable that graduates are expected to attain within five to seven years after graduation.

PEO1	Assistant fashion designer and fashion stylist.
PEO2	Assume as Quality Head/ Quality Control Executive, Junior Researcher, Quality
	Supervisor, Junior Merchandiser.
PEO3	Organize Garment Stores, Boutique, Entrepreneur, Beautician, Cosmetologist.
PEO4	Demonstrate Planner, Fashion Designer.
PEO5	Recommend as Quality controller in knitting and Spinning.
PEO6	Demonstrate Computerised pattern maker, Computerised designer.
PEO7	Fashion Creativity and Create ideas in apparel, Fashion and textile industry.
PEO8	Adapt in fashion portfolio presentation, dyeing and printing industry, draping and
	drafting in garment industry, technical textile industry.
PEO9	Leadership in profession demonstrates spirit of excellences.
PEO10	Ability in garment technology, Merchandising, Fashion Designing and Apparel
	making.

# **Program Specific Outcomes (PSOs)**

After the successful completion of B.Sc., Textile and Fashion Designing program, the students are expected to,

PSO1	Self-development skill on the basic concept of Fashion Designing, Clothing
	Psychology and Historic Costume.
PSO2	Professionally get technical knowledge in the textile areas of apparel Designing and
	Sewing techniques and to obtain more grasp on Constructing various outfits.
PSO3	Understand the export management, Merchandising, Apparel management, Quality
	Control and get more knowledge in Entrepreneurship.
PSO4	Demonstrate knowledge of fibre and yarn, wet processing, Fabrication, Finishing
	and Textile testing.

# Programme Outcomes (POs)

On successful completion of the B.Sc., Textile and Fashion Designing program, the students are expected to,
PO1 Students emerge with special skill of Design, Drafting and Construct Children's,

	Students enterge with special skill of Design, Diatang and Construct entation s,
	Women's and Men's outfit and create their own Fashion Portfolios.
PO2	Summarize sewing technologies and Fashion Designing in the textile field.
PO3	Students learn and Analyze the fabric structure and design, Fibre and Yarn and
	Fabric and Yarn basic test.
PO4	Adapt inspired knowledge and abilities to global marketing Quality Control and
	apparel production management, Merchandising.
PO5	Apply more knowledge on dyeing, printing and Embroidery techniques.
PO6	Develop technical knowledge on technical textiles, textile Finishing.
PO7	Adapt inspired knowledge on carrier quality.
PO8	Creative design leaders and work together as team leaders.

#### B.Sc., Textile and Fashion Designing 2023-2024 onwards – VICAS – Autonomous College VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS) SCHEME OF CURRICULUM B.SC. TEXTILE AND FASHION DESIGNING (For the students admitted during 2023- 2024

Part I/ II/					Hours/Week Theor Practic v al		Maximum I		Marks	
III/ IV	Subject Status	Subject Code	Subject Title	Credit			CIA	ESE	Tota	
		1	SEMESTER - I		r					
		23U1LT01	Tamil - I							
Ι	Part – I	23U1LH01	Hindi - I	3	6	-	25	75	100	
		23U1LM01	Malayalam - I							
II	Part – II	23U1LE01	English - I	3	4	-	25	75	100	
	Core Course -I	23U1TFC01	Fiber to Fabric	3	4	-	25	75	100	
	Core Course – II	23U1TFC02	Fashion Designing	3	4	-	25	75	100	
III	Elective - I	23U1TFDE01	a. Care and Maintenance of Textile							
	(Discipline)	23U1TFDE02	b. Garment Accessories and Trims	3	4	-	25	75	100	
		23U1TFDE03	c. Fashion Appreciation							
	Skill Enhancement Course – I	23U1TFSP01	Fashion Sketching Practical	2	-	2	40	60	100	
IV	Skill Enhancement Course – II	23U1TFSP02	Fashion Designing Practical	2	-	2	40	60	100	
Al I	Ability Enhancement - I	23U1ENAC01	Soft skill for Effective Communication	2	2	-	-	-	-	
	Value Education	23U1VE01	Yoga	2	2	-	-	-	-	
			TOTAL	23		30				
			SEMESTER - II							
		23U2LT02	Tamil - II							
Ι		23U2LH02	Hindi - II	3	6	-	25	75	100	
	Part – I	23U2LM02	Malayalam - II							
II	Part – II	23U2LE02	English - II	3	4	-	25	75	100	
	Core Course -III	23U2TFC03	Basics of Garment Construction	3	4	-	25	75	100	
	Core Practical– I	23U2TFCP01	Basics of Garment Construction Practical	3	-	4	40	60	100	
	Core Practical– II	23U2TFCP02	Surface Embellishment Practical	2	-	2	40	60	100	
III	Core Practical– III	23U2TFCP03	Fiber to Fabric Practical	2	-	2	40	60	100	
		23U2TFDEP1	a. Textile Testing Practical							
	Elective - II	23U2TFDEP2	b. Fashion Photography Practical		4		40	(0)	100	
	(Discipline)	23U2TFDEP3	c. Design Process and Product Development Practical	- 3	3 4	4	-	40	60	100
	Ability Enhancement – I	23U2ENAC01	Soft Skill – Office Automation	2	2	-	25	75	100	
	EVS	23U2EVS01	Environmental Studies	2	2	-	25	75	100	
	1		TOTAL	23		30				



Course	code: 23U1TFC01	FIBER TO FABRIC L	Т	Р	C					
Core Co	urse - I	4	-	-	3					
Prerequ	uisite	Basic knowledge in textile science Syll	labus	2023	<b>}-</b>					
1		-	sion	2024	ł					
Course	<b>Objectives:</b>			<u>.</u>						
The mai	in objectives of this c	course are to:								
1. Im	part knowledge on t	he manufacturing process of fabric from the fiber								
2. Te	each the methods and	techniques involved in the fibre, yarn and fabric manufa	cturin	g proc	ess					
3. Kn	ow the trends and tee	chnologies followed in the textile industry								
Expecte	ed Course Outcome	s:								
On succ	cessful completion of	the course, student will be able to:								
CO1	Classify fibers and	understand the manufacturing and properties of natural fi	bers	K2						
CO2	Discover the manu	facturing process of man - made fiber		K3						
CO3	Understand the yar	n types and its manufacturing process		K2						
CO4	Describe the weavi	be the weaving methods and its characteristic features K1								
CO5	Gain an understand	Gain an understanding of knitting and non wovens K4								
<b>K1</b> - Re	l member: <b>K2 -</b> Under	rstand: <b>K3</b> - Apply: <b>K4</b> - Analyze: <b>K5</b> - Evaluate: <b>K6</b> – C	reate							

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

#### Unit: I Fiber Classification, Natural fibers

Introduction to Textiles Fibers - classification of fibers – primary and secondary characteristics of textile fibers.

Manufacturing process, properties and uses of natural fibers – cotton, linen, Jute, silk, wool. Brief study about Organic Cotton, woolen and worsted yarn, types of silk.

#### Unit: II Regenerated and synthetic fibers

Manufacturing process, properties and uses of man-made fibres –Viscose rayon, nylon, polyester, acrylic. Brief study on polymerization, bamboo, spandex, Micro fibres & its properties. Texturization - Objectives, Types of textured yarns & Methods of Texturization.

#### **Unit: III Yarn manufacturing**

Spinning –Definition and classification; Chemical and mechanical spinning; Cotton Yarn Production sequence and objectives- opening, cleaning, doubling, carding, combing, drawing, roving and spinning. Comparison of carded and combed yarn.

Yarn - Definition and classification- simple and fancy yarns. Manufacturing Process

#### 12 hours

12 hours

of sewing thread - cotton and synthetic. Yarn numbering systems - Significance of yarn twist.

#### **Unit: IV Weaving Mechanism**

Classification of fabric forming methods – Weaving preparatory processes and its objectives – Warping, Sizing & Drawing – in. Weaving mechanism- Primary, secondary & auxiliary motions of a loom. Parts and functions of a simple loom; Classification of looms Salient features of automatic looms; Shuttle looms, its advantages - Types of shuttles less looms – Rapier – Projectile – Air jet – Water jet.

#### Unit: V Knitting and Non-Woven Fabrics

# Knitting- Definition, classification. Principles of weft and warp knitting – Terms of weft knitting. Knitting machine elements. Classification of knitting machines. Characteristics of basic weft knit structures.

Introduction to Non-Woven - Application and uses.

#### **Total Lecture hours - 60 hours**

#### **Text Book**

- 1. Textiles –Fibre to fabric, Corbmann B.P, International student's edition, Mc Graw Hill. Book company, Singapore,1985.
- 2. Textile fabrics and their Selection Isabel Barnum Wingate, Published by Prentice-Hall, 1964.
- 3. Fundamentals of Textiles and Their care, Susheela dantyagi, Orient Longman Private limited, Fifth edition,1996.

#### **Reference Books**

- 1. Textile Mechanisms in Spinning and Weaving Machines, Ganapathy Nagarajan, Woodhead Publishing India in Texiles, 2014.
- Mechanisms of Flat Weaving Technology, Elena V Chepelyuk, Palitha Bandara and Valeriy V, Choogin; Woodhead Publishing series in Textiles, 2013.
- **3.** Handbook of fiber science and Technology, Menachem Lewin and Stephen B Sello, Marcel Dekker, Inc, New York, 1984.

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

- 1. http://textilefashionstudy.com
- 2. https://fashion2apparel.blogspot.com/2017/07/classification-loom.html
- 3. https://www.inda.org/about-nonwovens/

#### 12 hours

# LOCF MAPPING

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

Course C	Course Code: 23U1TFC02FASHION DESIGNINGL						
Core Cou	ırse - II		4 -		-	3	
Prerequis	site	Have basic knowledge in designing	Sylla	Syllabus 2		3-	
	Version			202	4		
Course O	bjectives:		I				
The main	objectives of this co	purse are to:					
1. Imp	part knowledge on d	esign concepts in the field of fashion					
2. Fan	niliarize with the fa	shion cycles, consumers and theories					
3. Des	sign suitable garmer	nts for unusual figure types					
Expected	Course Outcomes						
On the suc	ccessful completion	of the course, student will be able to:					
CO1	Understand the	e design types, elements and principles of design			K2	2	
CO2	Appraise the c	olour combinations with standard colour harmonies			K	5	
CO3	Interpret the fa	shion cycles, consumer groups and fashion theories			K2	2	
CO4	Develop dress	design for unusual figure types			Ke	5	
CO5	Define and des	cribe the fashion terminologies and fashion profiles			K	1	
K1 -	Remember; <b>K2</b> - U	nderstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 – Crea	ite			

#### **Unit: I Design Elements and Principles**

Design- definition and types – structural and decorative design, requirements of a good structural and decorative design in dress.

Elements of design and its application in dress – line, shape or form, colour and texture. Principles of design and its application in dress – balance, rhythm, emphasis, harmony and proportion.

#### **Unit: II Standard Colour Harmonies**

Colour theories; Prang colour chart Dimensions of colour- hue, value, and intensity. Standard colour harmonies – Related, Contrasting and Neutral colour harmony; Application of Colour in principles of design- application of the same in dress design.

#### **Unit: III Fashion Evolution and Fashion Forecasting**

Fashion evolution – Fashion cycles, Length of cycles, consumer groups in fashion cycles – fashionleaders, fashion innovators, fashion motivation, fashion victim, Fashion followers. Adoption

#### 12 hours

# 12 hours

forecasting.

#### **Unit: IV Designing Dresses for Unusual Figures**

Deigning dresses for unusual figures – becoming and unbecoming – for the following figure types. Stout figure, thin figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead.

#### **Unit: V Fashion Terminologies and Fashion Profiles**

Definition and meaning of the fashion terms – fashion, style, line and collection, Mannequin and dressforms; fashion show; high fashion; Haute couture, couture and couturier; knock-off; Avant Garde; Pre– a – porter, Role/qualities of a Fashion Designer, Fashion Stylist, Fashion Journalist, Fashion Merchandiser, Fashion Director.

#### **Total Lecture hours - 60 hours**

#### Text Book(s)

- 1. Fashion Sketch Book Bina Abling, Fair Child Publications, New York Wardrobe, 1988.
- 2. Art and Fashion in Clothing Selection Mc Jimsey and Harriet, Iowa State UniversityPress, Jowa,1973.

#### **Reference Books**

- 1. Fashion From Concept to Consumer Frings Gini Stephens, Pearson Education, US, 1998.
- 2. Inside the Fashion Business Kitty G. Dickerson, Pearson Education, US, 2007. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]
- 1. https://www.apparelsearch.com/terms/index.htm
- 2. <u>https://www.instyle.com/fashion</u>
- 3. https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/

#### LOCF MAPPING

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	М	S	М	L	М	S
CO3	М	S	М	L	М	S
CO3	М	S	М	L	М	S
CO4	М	S	М	L	М	S
CO5	М	S	М	L	М	S

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

#### 12 hours

Course	e Code: 23U1TFDE01		L	Т	Р	C		
Electiv	ctive - I (a) CARE AND MAINTENANCE OF TEXTILE			-	-	3		
	Prerequisite	Basic knowledge about fabric and Garment	Sylla	bus	20	)23-		
		Care	Versi	ion	20	24		
Course	e Objectives:				1			
The ma	in objectives of this cour	rse are to:						
1. Gain	a better understanding n	nethod in taking proper care of the clothing.						
2. Impa	art knowledge on machine	es and equipment's used in the washing, storing and	l ironi	ng pr	oces	s.		
3.Impa	rt knowledge on the type	s of the wash care labels and their meaning.						
Expect	ted Course Outcomes:							
On the	successful completion of	f the course, student will be able to:						
CO1	Identify suitable method	s of washing, drying, ironing and storing.			K1			
CO2	Understand the wash car	re labels and act accordingly.			K2			
CO3	Appraise the types of eq	uipment used in the care of fabrics.			K3			
CO4	Recognize the need for dry-cleaning for fabrics. K2							
CO5	Evaluate the methods and equipment's to be used for a better life of clothes K5							
<b>K1</b> - R	ı emember; <b>K2</b> - Understa	nd; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 -	– Crea	ate	1			

#### **Unit: I Water and Laundry Soaps**

Water-hard and soft water, methods of softening water. Laundry soaps -composition of soap types of soap, soap less detergents, detergent manufacture, advantages of detergents, Manufacturing process of soap and detergents.

#### **Unit: II Finishes and Stain Removal**

Finishes–Stiffening Agents –Starch (cold water and hot water), Other stiffening agents, preparation of starch, laundry blues, their application. Stain removal common methods of removing stains; food stains, lead pencil, lipstick, mildew, nose drops, paint, perfume, perspiration/mildew, tar, turmeric and kum-kum.

#### **Unit: III Washing, Drying and Ironing**

Washing–Points to be noted before washing, Machine–types semi-automatic and fully automatic; Top loading and front loading; wash cycles in a washing machine Drying equipment's–Indoor and outdoor drying

#### 12 hours

12 hours

Iron box–Parts and functions of an electric iron box; types-automatic iron box and steam iron. Ironing board - different types.

#### Unit: IV Laundering of Different Fabrics

Laundering of different fabrics- cotton and linen, woolens, coloured fabrics, silks, rayon and nylon. Special types of Laundry-waterproof coats, silk ties, leather goods, furs, plastics, lace.

#### Unit: V Storing, Dry Cleaning and Care Labels

Storing – Methods of storing clothes, best way to store clothes Drycleaning–Benefits, differences between dry cleaning and laundry, Steps in dry cleaning, Care labels –Importance and Types -The International Care Labelling System, The Japanese Care Labelling System, The Canadian Care Labelling System, The European Care Labelling System, The American Care Labelling System.

#### **Total Lecture hours - 60 hours**

12 hours

#### Text Book(s)

- 1. Wingate I B, Textiles fabrics and their Selection, Prentice-Hall Inc Publishers, 1946.
- 2. Fundamentals of Textiles and their Care- Susheela Dantyagi, Orient LongmannLtd,1980. **Reference Books**
- 1. Mildred T. Tate and Glisson.O., Family Clothing, John Wiley & Sons Inc, Illinois, 1961.
- Durga Deulkar, Household Textiles and Laundry Work, Amla Ram & Sons, Delhi,1951.
   Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]
- 1. https://tide.com/en-us/how-to-wash-clothes/how-to-do-laundry/your-comprehensive-guide-on-how-to-do-laundry#Step1
- 2. https://www.rinse.com/blog/care/what-is-dry-cleaning/
- 3. <u>https://fleming.ca.uky.edu/files/clothing\_storage.pdf</u>
- 4. https://www.home-storage-solutions-101.com/clothes-storage.html

#### LOCF MAPPING

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

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

Cours	se Code: 23U1TFDE02	GARMENT ACCESSORIES AND TRIMS	L	Т	Р	C
Elective - I (b)			4	-	•	3
Pre-requisite		Knowledge about the types of accessories and	Sylla	abus	20	)23-
		trims used in garment	Ver	sion	20	)24
Cours	se Objectives:					
The m	nain objectives of this cou	urse are to:				
Educa	te about various types of	trims and accessories used in apparels				
Teach	about the quality require	ements				
Expec	cted Course Outcomes:					
On the	e successful completion of	of the course, student will be able to:				
CO1	Distinguish the types of	accessories used in garment			K2	
CO2	Differentiate the types of	of fibers used in making sewing and embroidery thr	eads		K3	
CO3	Assess the various type	s of closures used in apparels			K3	
CO4	Learn about the various types of trims used K3					
CO5	List out the quality requ	irements for poly bag and carton box			K2	
<b>K1 -</b> F	Remember; <b>K2</b> - Underst	and; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6	- Cre	eate		

#### **Unit: I Garment Accessories**

Introduction to garment accessories – Selecting garment accessories- Types of garment accessories: Basic accessories - Decorative accessories - Finishing accessories –Accessories for children's wear -Design development for different accessories- Safety issues for different accessories in children's garment- small parts: choking hazards-Decorative trims and Embellishments.

#### **Unit: II Sewing and Embroidery Threads**

Sewing threads – Textile fibers used for making sewing threads – Thread Construction – Ticket Number – Quality parameters applicable to sewing threads and testing–Thread packages -Embroidery threads– Quality requirements – Fibers used for embroidery threads – Quality evaluation of embroidery threads.

#### **Unit: III Closures**

#### 12 hours

Zippers - Component parts - Types - Application techniques - Quality parameters and testing-

#### 12 hours

Buttons– types – Quality requirements & testing procedures –Elastic – Application techniques – Types – Quality requirements and testing procedures. Drawstrings – Method of application-Quality parameters – Velcro Method of application techniques – Quality parameters – Snap fastness–Types– Method of application. Quality parameters- Hooks – types– Methods of application –Quality Norms.

#### **Unit: IV Supporting and Decorative Trims**

12 hours

Lining: Importance - Method of application – Quality requirements – Interlining: Importance – Types - Method of application – Quality requirements – Fusing foam: importance – Types – Method of application – Quality requirements – Label and its types – Method application on garment – Quality requirements –Lace – Importance and its types – Quality parameters – Methodof application – Appliqué: Importance –Types of materials – Applique cutting techniques – Application methods – Quality requirements.

Sequins: Introduction about various sequins and their types – Application techniques–Quality requirements.

#### **Unit: V Packing Accessories**

# Tags and its types –Quality requirements – Polybags and its types-Quality norms pertaining to polybags–Hangers and its types – Cartons and its types – Testing required for apparel export Cartons– Factors to be considered for export cartons – Wrappers and Tissues – Pouches for innerwear–Latest innovation in packing accessories.

#### **Total Lecture hours -60 hours**

#### **Text Books**

- 1. Fashion Apparel Accessories and Home Furnishings, Diamond Professor Emeritus, Jay; Diamond Adjunct Faculty, Ellen., PrenticeHall,2006.
- Know Your Fashion Accessories, Celia Stall-Meadows, Tana Stuffle bean, Fairchild Books & Visuals, 2003

#### **Reference Books**

- 1. Carrand Latham"s Technology of Clothing Manufacture, Edited by David J.Tyler, 2009
- Apparel Manufacturing Handbook, Analysis, Principles and Practice, Jacob Solinger, Bobbin Media Corporation, 1988

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

- 1. https://ordnur.com/textile/list-of-trimmings-and-accessories-use-in-garments/
- 2. https://www.onlineclothingstudy.com/2018/10/the-fusing-technology-fusing-parameters.html
- https://medium.com/@stitchdiary/importance-of-decorative-trims-in-the-garment-industry-3b306e4b59ef

# LOCF MAPPING

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

Cours	e Code: 23U1TFDE03		L	Т	Р	C	
Elective - I (c)		FASHION APPRECIATION	4	-	-	3	
Pre-re	equisite	Fashion concept and various fashion environment	t Syllabus		20	)23-	
			Version		20	24	
Cours	e Objectives:						
The m	ain objectives of this cou	arse are to:					
1. To i	ntroduce various art forr	ns to the students by class room teaching, case studies	s, pic	torial			
presen	tation and craft tools.		-				
- 2. То е	engage the students to wo	ork on types of fashion and art forms by making them	to cre	eate			
	ure models.						
	ted Course Outcomes:						
-		of the course, student will be able to:					
	-						
CO1	Remember the basics of	f fashion concepts			K1		
CO2	Understand fashion styl	ing, role of fashion and forecasting.			K2		
CO3	Apply the concepts of s	tyling as free lancing and photo shooting.			K3		
CO4	Analyze the various cul	nalyze the various cultural adoption and world art. K4					
CO5	Create world art and wr	riting based on fashion concepts			K6		
<b>K1</b> - R	Remember; <b>K2</b> - Underst	and; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 –	Crea	ite			

#### **Unit: I Introduction to Fashion**

Introduction to fashion – Types of Fashion – Haute Couture fashion–Ready-to-Wear fashion Mass market fashion – Fashion cycle.

#### **Unit: II Fashion Styles**

Types of fashion styles: chic, bohemian, vintage, preppy, artsy, tomboy. Alternative clothing style – Punk Fashion, Gothic Fashion, hipster, steam punk, street grunge, Heavy metal fashion.

#### **Unit: III Art Forms**

Fashion as Cultural Indicators, Cross Culture Studies, Role of fashion in human culture, Fashion Adoptions – sources of inspiration and their selection. World Art–Cubism, Pop art, German expression, Futurism Dada.

#### Unit: IV Art of writing

# **12 hours** y-to-Wear

12 hours

# 12 hours

Art Writing, writing for blogs, mind mapping and keyword selection, working as a creative team with free lancing stylist. Creating story, content preparation for art and styling, working on concept boards, setting trends, curating and narrating, fashion forecasting.

#### **Unit: V Photoshoot**

#### 12 hours

Styling and basic grooming-model poses based on garment -final photoshoot and outcome.

#### **Total Lecture hours - 60 hours**

#### **Text Books**

- 1. Louvre: all the Paintings, Anja Grebe, Black Dog & Leventhal, NewYork, 2020.
- Printers of the Mughal Garden, Brigitte Singh, Bishwadeep Maitra, Mapin Publishing Pvt,Ltd, Gujarat, 2018.
- 3. Think Likean Artist, Will Gompertz, Penguin Publishers, London, 2016.

#### **Reference Books**

- Post Modernism– A Very Short Introduction, Christopher Butler, Oxford University Press, Uttar Pradesh, 2002.
- 2. Indian Art, Parthe Mitter, Oxford University Press, Uttar Pradesh, 2001.

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

- 1. https://www.masterclass.com/articles/types-of-fashion-styles
- 2. https://www.kokuyocamlin.com/camel/techniques/art-reporter/famous-painting-styles-of-the-world
- 3. https://sewport.com/learn/fashion-photoshoot

#### LOCF MAPPING

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

Course Code: 23U1TFSP01	FASHION SKETCHING PRACTICAL	L	Т	T P	
Skill Enhancement Course - I		-	-	2	2
Pre-requisite	Basic drawing skills	Sylla	bus	2023-	
		Vers	ion	2024	
Course Objectives:					
The main objectives of this cours	se are to:				
Impart skills in drawing and colo	ouring.				
Illustrate garment sketches for ch	nildren, women and men.				
Create sketches of different parts	s of a human body in different perspectives				
Expected Course Outcomes:					
On the successful completion of	the course, student will be able to:				
CO1 Illustrate garment design	s for children		K4		
CO2 Illustrate garment design	s for women		K4		
CO3 Illustrate garment design	s for men		K4		
CO4 Sketch the parts of the bo	ody in various perspectives		K3		
CO5 Sketch different views of	male and female face		K3		
<b>K1</b> - Remember; <b>K2</b> - Understar	nd; K3 - Apply; K4 - Analyze; K5 - Evaluate; I	<b>K6</b> – C	reate		

#### **Unit: I Illustrate the Following in Different Perspectives**

06 hours

Instructions–Create for male and female

- 1. Eyes
- 2. Ears
- 3. Nose
- 4. Lips
- 5. Hairstyles
- 6. Arms
- 7. Legs

# Unit: II Sketch the face of male and female in different views

- 1. Front view
- 2. Three quarter turned view
- **3.** Profile view(sideview)

Unit: III Illustrate the Following Children's Garments	06 hours
Instructions-Create designs and Colour using any medium	
1. Bib	
2. Jabla with knicker	
3. Baba suit	
4. Frocks	
Unit: IV Illustrate the Following Children's Garments	06 hours
Instructions-Create designs and Colour using any medium	
1. Skirts	
2. Ladies tops	
3. Salwar	
4. Kameez	
5. Maxi/ Gown	
6. Dungarees	
Unit: V Illustrate the Following Men's Garments	06 hours
Instructions – Create designs and Colour using any medium 1. T-Shirts	
2. Shirts	
3. Pants	
4. Kurta	
5. Pyjama	
Total Lecture ho	ours - 30 hours
Text Books	
1. Fashion Design Drawing an dPresentation, Ireland Patrick John, Pavili	on Books, 1982.

- 2. Fashion Design Illustration: Children, Ireland Patrick John, BTBatsfordLtd, 1995.
- 3. Fashion Design Illustration: fasMen, Ireland Patrick John, BTBatsford Ltd, 1996.
- 4. Reference Books
- 5. Fashion Illustration, Kiper Anna, David& Charles, 2011. ISBN:9780715336182.

# 6. Foundation in fashion design and illustration–Julian Seaman, Batsford Publishers, 2001. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

- 1. https://www.idrawfashion.com/
- 2. https://www.fashionistasketch.com/drawing-faces-fashion-illustration/
- 3. https://in.pinterest.com/pin/458804280762797371/

#### LOCF MAPPING

Cos	PO1	PO2	PO3	PO4	PO5	PO6
C01	S	S	М	S	L	М
CO2	S	S	М	S	L	М
CO3	S	S	М	S	L	М
CO4	S	S	М	S	L	М
CO5	S	S	М	S	L	М

Course Code: 23U1TFSP02	L	Τ	Р	C		
Skill Enhancement - II		-	-	2	2	
Pre-requisite	Knowledge in Fashion Sketching	Sylla	bus	20	23-	
		Vers	ion	202	24	
Course Objectives:						
The main objectives of this cou	rse are to:					
Familiarize with the elements a	nd principles of design.					
Play with colours following the	standard colour harmonies.					
Create garment design for vario	ous seasons on fashion figures.					
Expected Course Outcomes:						
On the successful completion o	f the course, student will be able to:					
CO1 Develop Prang colour cl	hart, value and intensity chart.			K6		
CO2 Illustrate figures-child,	women and men			K4		
CO3 Sketch garment designs	following the various elements of design			K3		
CO4 Apply the principles of	design and colour harmonies in garments design	1		K3		
CO5 Create garment designs	O5 Create garment designs for various seasons K6					
K1 - Remember; K2 - Understa	and; <b>K3</b> - Apply; <b>K4</b> - Analyze; <b>K5</b> - Evaluate;	<b>K6</b> – C	reate			

Unit: I Prepare the following Charts	05 hours
1. Prang colour chart,	
2. Value chart	
3. Intensity chart	
Unit: II Illustrate Human Figure for the Following Heads	05 hours
1. Child - 6 head.	
2. Women $- 8$ head, 10 head and 12 head.	
3. Men –10 head	
Unit: III Illustrate Garment Designs for the Elements of Design	05 hours
1. Line	
2. Texture	
3. Shape	
Unit: IV Illustrate Garment Designs for the Principles of Design	05 hours
1. Balance (Formal and Informal)	

2. Harmony

- 3. Emphasis
- 4. Proportion
- 5. Rhythm (by Repetition, Graduation and Line Movement)

# Unit: V Illustrate the Colour Harmony in Dress Design 05 hours

- Monochromatic
- Analogous
- Complimentary
- Double complementary
- Split complementary
- Triad
- Neutral

#### **Create Garments for the Following Seasons**

- Summer
- Winter
- Autumn
- Spring

#### **Total Lecture hours - 30 hours**

05 hours

#### **Text Books**

- 1. Fashion Sketch Book, Bina Abling, Fair Child Publications, New YorkWardrobe, 1988.
- 2. Illustrating Fashion, Kathryn McKelvey and Janine Munslow, Blackwell Science, 1997.

#### **Reference Books**

1. Art and Fashion in Clothing Selection, Mc Jimsey and Harriet, Iowa State University Press, Jowa, 1973.

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

1.https://www.idrawfashion.com/

- 2. https://www.fashionistasketch.com/drawing-faces-fashion-illustration/
- 3. <u>https://in.pinterest.com/pin/458804280762797371/</u>

# LOCF MAPPING

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

# SEMESTER - II

Cours	se 23U2TFC03	e23U2TFC03 <b>BASICS OF GARMENT CONSTRUCTION</b> L					
code Core	Course - III				3		
			4		-	-	
Pre-re	equisite	Basic knowledge about garment components	Sylla		202		
			Vers	sion	202	.4	
Cours	se Objectives:						
The m	ain objectives of this	course are to:					
1. Tea	ch the basics of the f	unctions of the sewing machine and the essential tools					
2. Exp	plain the techniques o	f pattern making, grading and alteration					
3. Uno	lerstand the types of	sleeves, yokes and collars					
Expec	ted Course Outcom	les:					
On the	e successful completi	on of the course, student will be able to:					
CO1	Describe the function	ons of a sewing machine and the tools needed for sewin	g		K2		
CO2	Compare the metho	ds of preparing pattern			K2		
CO3	Appraise the types	Appraise the types of sleeves K4					
CO4	Analyze the types of	Analyze the types of collars and yokes K4					
CO5	Appraise the techni	Appraise the techniques in pattern layout, alteration and grading K5					
<b>K1</b> - F	Remember; K2 - Und	erstand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6	– Cre	ate			

#### **Unit: I Essentials of Sewing**

Parts and functions of a single needle machine, essential tools – cutting tools, measuring tools, marking tools, embroidery tools, general tools, pressing tools, Body measurement – importance, Method of taking measurements for ladies and men.Measurements required for women's salwar and kameez. Measurements required for men's shirt and Pant.

#### **Unit: II Pattern Making and Fitting**

Pattern Making – Types; Drafting, Draping and Commercial Patterns; Advantages and Limitations.Methods of transferring pattern markings; Grain – Importance, its types; Fitting - Standards of a good fit.

#### **Unit: III Sleeve and Its Types**

Sleeves – definition, types, set-in-sleeves – plain sleeve, puff sleeve, bishop sleeve, bell, circular. Modified armhole – squared armhole. Cap sleeve and Magyar sleeve. Sleeve and bodice combined –raglan, kimono and dolman.

#### Unit: IV Types of Collars and Yokes

Collars - definitions, types, peter pan, scalloped, puritan, sailor, square, rippled, full shirt

#### 15 hours

#### 15 hours

15 hours

collar, open collar, Chinese, turtle neck, shawl collar. Yokes – types, simple yoke, yoke with fullness within the yoke, yoke supporting/ releasing fullness.

#### Unit: V Pattern Alteration, Layout and Grading

#### 15 hours

Pattern alteration – importance of altering patterns, general principles for pattern alteration, commonpattern alteration in a blouse.

Pattern layout - definition, purpose, rules in layout, types of layouts Pattern grading (manual) –definition, basic front, basic back basic sleeve.

#### **Total Lecture hours -75 hours**

#### **Text Books**

- 1. Practical Clothing Construction Part I, Mary Mathews, Cosmic Press, Chennai ,1986.
- 2. Practical Clothing Construction Part II, Mary Mathews, Cosmic Press, Chennai ,1986.
- 3. Zarapker system of cutting –Zarapker. K. R., Navneet publications Ltd ,1994.

#### **Reference Books**

- Pattern Grading for Women's clothing, The technology of sizing, Gerry Cooklin, Blackwell Science Ltd ,1990.
- Sewing and Knitting A Readers Digest, Step -by -Step Guide, Readers Digest Pvt Ltd, Australia,1993.

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

- 1. http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827
- 2. <u>https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methods-apparel.html</u>
- 3. https://textilelearner.blogspot.com/2014/10/a-focus-on-garments-fitting.html
- 4. https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making

#### LOCF MAPPING

Cos	PO1	PO2	PO3	PO4	PO5	PO6
C01	S	М	М	S	L	М
CO2	S	М	М	М	L	L
CO3	S	S	S	М	L	М
CO4	S	S	S	М	L	М
CO5	S	М	М	S	L	L

Cours	se 23U2TFCP01	BASICS OF GARMENT CONSTRUCTION	L	Т	Р	C	
code		PRACTICAL					
Core l	Practical - I		-	-	4	3	
Pre-requisite		Basic knowledge in garment construction	Sylla	bus	20	23-	
			Versi	ion	20	24	
Cours	e Objectives:						
The r	main objectives of	his course are to create:					
1.	Impart sewing skill	ls in creating garment components.					
2.	Develop miniature	patterns for skirts, sleeves, collars and yoke.					
3.	Create miniature s	amples for skirts, sleeves, collars and yoke					
Expec	ted Course Outco	mes:					
On the	e successful comple	etion of the course, student will be able to:					
CO1	Develop samples	for seams, seam finishes and hems			K6		
CO2	Create samples for	r fullness and neckline finishes			K6		
CO3	Create samples for	r plackets fasteners and pockets			K6		
CO4	Construct miniature samples for skirt and sleeves     K6						
CO5	Construct miniatu	re samples for collars and yoke			K6		
<b>K1</b> - R	Remember; <b>K2</b> - Ui	nderstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 – (	Create	e		

#### 1. Preparation Samples for the Following

- 1. Seams-Plain seam, top stitched seam, flat fell seam, piped seam, lapped seam
- 2. Seam Finishes-double stitch, edge stitched, overlock(optional)
- 3. Hems-narrow, stitched and turned, hems for circular shape
- 4. Darts –single and double
- 5. Tucks–Pin tuck, cross tuck, group tucking
- 6. Neckline Finishes Bias facing, Bias binding and Shaped facing
- 7. Plackets continuous placket, bound placket and faced placket, zipper placket, tailored placket
- 8. Fasteners–Press buttons, Hook and eye, Button and Buttonhole
- 9. Pocket-Patch pocket, side seam pocket, bound and faced pocket

#### 2. Prepare Miniature Samples for the following

#### 40 hours

- 1. Skirt-pleated skirt, gathered skirt, circular skirt
- 2. Sleeve–Plain sleeve, Magyar Sleeve, Raglon Sleeve
- 3. Collar-Flat collar (any type), Open collar
- 4. Simple Yoke

#### **Total Lecture hours -75 hours**

#### **Text Books**

- 1. Practical Clothing Construction–Part I Mary Mathews, Cosmic Press, Chennai, 1986.
- 2. Practical Clothing Construction-Part II, Mary Mathews, Cosmic Press, Chennai, 1986.
- 3. Zarapker system of cutting –Zarapker.K.R., Navneet publicationsLtd,1994.

#### **Reference Books**

 Sewing and Knitting– A Readers Digest, Step-by-Step Guide, Readers Digest Pvt. Ltd, Australia, 1993.

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

- 1. https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methods-apparel.html
- 2. https://textilelearner.blogspot.com/2014/10/a-focus-on-garments-fitting.html
- 3. https://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making
- 4. http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827

#### LOCF MAPPING

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

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

Course Code	23U2TFCP02	SURFACE EMBELLISHMENT     L     T       PRACTICAL     T				C
Core Pra	ctical -II		-	-	2	2
Pre-requ	isite	Knowledge in Fashion Sketching	•			
Course (	<b>)</b> bjectives:					
The main	objectives of this c	course are to:				
1. Inh	erit embroidery ski	lls by hand and machine				
2. Ap	preciate the beauty	and intricacies of the traditional embroideries of	India			
3. En	nance creativity by	the application of smocking				
Expected	l Course Outcome	s:				
On the su	ccessful completion	n of the course, student will be able to:				
CO1 C	reate hand embroid	ery samples			K6	
CO2 C	reate machine embr	roidered samples			K6	
CO3 D	evelop samples usi	ng surface enrichment			K3	
CO4 D	esign and develop s	samples for drawn thread embroidery, applique, q	uilting		K6	
CO5 C	reate added structur	ral effects using smocking			K6	
<b>K1</b> - Ren	nember; <b>K2</b> - Under	rstand; K3 - Apply; K4 - Analyze; K5 - Evaluate	; K6 – (	Creat	e	

- Outline stitches
- Filling stitches
- Loop stitches
- Cross stitches
- Knot stitches

#### 2.Create Embroidery Samples Using Machine

- Running stitch
- Satin Stitch
- Granite Stitch
- Cording

#### **3.**Create the Following Samples

- Bead work
- Sequin work
- Ribbon embroidery
- Mirror work
- Drawn thread work

4. Create Samples with Applique, Patch work and Quilt (any 2 types)

6 hours

6 hours

- Applique
- Simple / Geometric patch work
- Quilting

#### 5.Create Samples with Smocking

- French Smocking (any 3 types)
- Chinese Smocking

#### **Total Lecture hours -30 hours**

6 hours

#### **Text Books**

- Shailaja D Naik, Traditional Embroideries of India, APH Publishing, 1996
- Megan Eckman, Everyday Embroidery for Modern Stitchers, C&T Publishing, 2020

#### **Reference Books**

• Libby Moore, Thread Folk: A Modern Makers Book of Embroidery Projects and Artist Collaborations, Paige Tate & Co, 2019

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

- <u>https://sewguide.csom/smocking/</u>
- https://www.youtube.com/watch?v=Ug2d1NUuE4A
- https://www.youtube.com/watch?v=uJ2SyeFA\_B4
- https://www.youtube.com/watch?v=nJz9c8gEvFg

#### LOCF MAPPING

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

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

B.Sc., Textile and Fashion Designing 2023-2024 onwards - VICAS - Autonomous College

Course code	23U2TFCP03	FIBER TO FABRIC PRACTICAL	L	Τ	Р	C
	actical - III		-	-	2	2
Pre-requ	lisite	Basic knowledge in textile science	Sylla Vers		2023 2024	
Course (	Objectives:		VCIE	0011	202-	•
The mair	n objectives of thi					
	entify the type of					
	st the yarn count st the fabric for th	the following parameters-twist, course length, we	eight, shrin	kage	, coloi	ur
	stness and absorbe			U		
Fynocto	d Course Outcor	mas				
-		tion of the course, student will be able to:				
CO1 D	Distinguish the typ	be of fiber by microscope, flame test and chemic	al tests		<b>K</b> 1	
CO2 D	Determine the court	nt of the yarn and fabric			K3	
		fabric weight and course length of the fabric			K2	
		fastness and shrinkage of fabric			K5	
	1	sorbency of fabric derstand; <b>K3</b> - Apply; <b>K4</b> - Analyze; <b>K5</b> - Evalı	noto: V6	Croot	K4	
• • 2. Testing	Chemical test <b>5 of Yarn and Fi</b> l Yarn Count usin	<b>bers</b> ng Wrap Reel ng Besley's Balance	05 h	ours		
	of Fabric	111	15 ha	urs		
	<b>F</b> 1 1 <b>F</b> 1 1		10 110	uib		
•	C C	Ravelling Method				
•	Fabric Count w					
•	Course Length a	and Loop length of Knitted Fabric				
•	Colour Fastness	s to Washing				
•	Tests of Shrinka	age				
•	Tests of Absorl	bency				
		Tot	al Lecture	hou	rs -30	hou

**Text Books** 

1. Textiles-Fibre to fabric, Corbinann B.P, International students edition, Mc Graw Hill. Book

company, Singapore, 1985.

2. Textile fabrics and their Selection – Isabel Barnum Wingate, Published by Prentice-Hall, 1964.

#### **Reference Books**

- Identification of Textile Fibers 1<sup>st</sup> Edition by Max M.Houck, Woodhead Publishing in textiles, Cambridge, New delhi,2009.
- 2. Textile science, Gohi, CBS Publishers and Distributors, India, 2005.

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

- 1. https://textilelearners.com/textile-fibers-identification-process/
- 2. https://www.textilesphere.com/2020/04/identification-of-textile-fibers.html

#### LOCF MAPPING

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

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



Cours	e 23U2TFDEP1	TEXTILE TESTING PRACTICAL	L	Т	Р	С
code						
Electiv	ve - II (a)		-	-	4	3
Pre-re	equisite	Knowledge about quality Parameters of textile fiber, yarn and fabric	ameters of Syllabus Version			
Cours	e Objectives:					
The m	ain objectives of this co	burse are to:				
1. ]	Help students to unders	tand the fundamentals of textile testing.				
2.	Understand and practice	e the various testing procedures from fiber to gar	ments.			
3.	Understand and practice	e to handle various textile testing equipment.				
Expec	ted Course Outcomes					
On the	successful completion	of the course, student will be able to:				
CO1	Understand to handle t	he different textile testing equipment's and maint	tenance	es	K2	
CO2	Understand the domain	n Knowledge to operate the textile testing equipr	nent		K3	
CO3	Evaluate the quality of	fiber and yarn and record the finding			K5	
CO4	Evaluate the quality of	fabric and record the finding			K5	
CO5	Evaluate the quality of	garment and record the finding			K5	
<b>K1</b> - R	Remember; K2 - Unders	tand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 – (	Creat	e	

#### Test the given sample for the following properties

- 1. Determination of lea strength & C S Posing lea strength tester.
- 2. Analysis of blend composition of given fabrics.
- 3. Determination of thickness of fabric using fabric Thickness gauge.
- 4. Determination of CRA of fabric using crease recovery tester.
- 5. Determination of Fabric Pilling Using ICI Pill Box
- 6. Determination of Fabric Bursting Strength.
- 7. Determination of color fastness of given sample to washing
- 8. Determinationofcolorfastnessofgivensampletorubbingbyusingcrockmeter
- 9. Determination of color fastness of given sample to perspiration by using per spirometer
- 10. Determinationofdimensionalstability%ofagivenfabric/garmenttowashing.

Total Lecture hours - 60 hours

#### **Reference Books**

- 1. Testing and Quality Management, V. K. Kothari, IAFL Publications, 1999
- Textiles-Yarns, Fabrics and General Test Methods (Annual book of ASTM Standards volume 0701), ASTMIntl,1999.

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

- 1. http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827
- 2. https://www.textilesphere.com/2020/04/colour-fastness-in-textile-testing.html
- 3. https://textilelearner.net/features-working-principle-of-crockmeter/

#### LOCF MAPPING

Cos	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	S	S	М	S	S
CO2	М	М	М	S	S	М
CO3	S	М	М	М	М	S
CO4	S	S	S	М	S	S
CO5	М	S	S	S	S	М

Course	e 23U2TFDEP2	FASHION PHOTOGRAPHY PRACTICAL	L T		Р	C
Code						
Electiv	ve - II (b)		-	-	4	3
Pre-re	quisite	Basic knowledge on garment presentation	Sylla	bus	ous 2023-	
			Versi	ion	2024	4
Course	e Objectives:					
The ma	ain objectives of this	course are to:				
1. U	Jnderstand the conc	epts of photography and editing process.				
2. 0	Give ideas on develo	ping a photo and enable photography techniques in	variou	s fiel	ds.	
3. E	Enable students to ki	now about image editing with special effects.				
Expect	ted Course Outcom	les:				
On the	successful completi	on of the course, student will be able to:				
CO1	Remember general	principles of photography			K1	
CO2	Understand the light	ting techniques for indoor or outdoor photography			K2	
CO3	Apply the technique	es in the field of modelling, magazine, fashion show	vs etc.,		K3	
CO4	Evaluate the right in	mage selection for the purpose of photography			K4	
CO5	Create images with	the help of computer applications			K6	
<b>K1</b> - R	emember; <b>K2</b> - Und	erstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 – (	Creat	e	

#### Photography

- 1. Product Photography
- 2. Modelling Photography
- 3. Indoor and Outdoor Photography

#### **Special effects:**

- 1. Black and White Image
- 2. Gray Scale Image
- 3. Mono Colour Image
- 4. Negative Image
- 5. Cut Colour Image

#### Image editing

- 1. Collage work
- 2. Creative image editing
- 3. Creative layout

**Total Lecture hours - 60 hours** 

#### **Text Books**

- 1. Basic Industrial Arts, Plastics, Graphics Arts, W.R.Miller, Power Mechanics, Mcknight & McKnight Publishing Company, US, 1978.
- 2. Photography, Illionois, Mc Knight Publishing Company, US, 1978.

#### **Reference Books**

1. Photography Course, John Hedge, John Hedge Co, UK, 1992.

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

- 1. https://shutterstoppers.com/photoshop-tutorial-fashion-
- 2. https://enviragallery.com/editing-fashion-photography-for-beginners/

#### LOCF MAPPING

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

Cours	e 23U2TFDEP1	DESIGN PROCESS AND PRODUCT	L	Τ	Р	C
Code		DEVELOPMENT PRACTICAL				
Electiv	ve - II (c)		-	-	4	3
Pre-re	quisite	Basic knowledge on garment presentation	Sylla	bus	2023	3-
		Version				
Cours	e Objectives:					
The m	ain objectives of this	s course are to:				
1.	Understand the desig	ning process.				
2.	Give ideas on develo	pping a product.				
3.	Enable student to kn	ow sequence of steps involves in product develop	nent.			
Expec	ted Course Outcom	les:				
On the	successful completi	on of the course, student will be able to:				
CO1	Remember general	principles of design			<b>K</b> 1	
CO2	Understand the des	ign process			K2	
CO3	Apply the technique	es garment designing in product development			K3	
CO4	Evaluate the garme	nt outfit.			K4	
CO5	Create ready to wea	ar and haute couture outfits			K6	
<b>K1</b> - R	-	lerstand; K3 - Apply; K4 - Analyze; K5 - Evaluate	e: K6 – (	Creat	e	

#### Prepare ready to wear outfit and haute couture

#### Instructions

- The students should prepare Two ready to wear outfits and one haute couture outfit based on chosen theme for Kids, Men and Women's wear
- It is mandatory for students to prepare product development record for their examination.
- The product and record will be evaluated by a Team of Internal & External Experts.

This will be followed by the Viva-Voce.

#### **Total Lecture hours- 60 hours**

#### **Text Books**

1. Fashion Design and Product development, Harold Carr, John Pomeroy, Blackwell Publication, 1992.

- 2. Portfolio design + Presentation, Anna Kiper, Batasford publications, 2014.
- 3. Portfolio presentation for fashion designers, L india Tain, Fairchild Publishers, 2010.

#### **Reference Books**

- 1. Portfolio Management, S.Kevin, Prentice hall of India, PHI publications, 2006.
- Design with Color: The design guide to over 1000 color combination, Alles, Jeanne, ChronicleBooks, 1992.

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

- 1. https://youtu.be/HEsmu45SKv4
- 2. <u>https://youtu.be/buERDxlBn8w</u>

#### LOCF MAPPING

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