

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

VIVEKANANDHA EDUCATIONAL INSTITUTIONS

ANGAMMAL EDUCATIONAL TRUST

ACADEMIC YEAR 2024 - 2025

INTRODUCTION

Outcome Based Education is incorporated into the curriculum based on the requirements of TANSICHE/ 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, 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.

**VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN
(AUTONOMOUS)
SCHEME OF CURRICULUM B.Sc. TEXTILE AND FASHION DESIGNING
(For the students admitted during the academic year 2024 -2025)**

Part I/ II/ III/ IV	Category	Subject Code	Subject Title	Credit	Hours / Week		Maximum Marks		
					Theory	Practical	CIA	ESE	Total
SEMESTER - I									
I	Part – I	24U1LT01	Tamil/Other Language	3	6	-	25	75	100
II	Part – II	24U1LE01	English	3	5	-	25	75	100
III	Core - I	24U1TFC01	Fashion Designing Concepts	3	4	-	25	75	100
	Core – II	24U1TFC02	Sewing Technology	3	4	-	25	75	100
	Core Practical– I	24U1TFCP01	Fashion Designing Concepts (P)	3	-	3	40	60	100
IV	Core Practical– II	24U1TFCP02	Fashion Sketching (P)	2	-	2	40	60	100
	Elective - I (Discipline)	24U1TFDEP1	a. Basics of Garment Construction - I (P)	2	-	2	40	60	100
		24U1TFDEP2	b. Fashion Photography (P)						
	Ability Enhancement - I	24U1ENAC01	Soft skill for Effective Communication	2	2	-	25	75	100
Value Education	24U1VE01	Yoga	2	2	-	25	75	100	
TOTAL				23	30				900
SEMESTER – II									
I	Part – I	24U2LT02	Tamil/Other Language	3	6	-	25	75	100
II	Part – II	24U2LE02	English	3	5	-	25	75	100
III	Core – III	24U2TFC03	Fiber to Fabric	3	4	-	25	75	100
	Core – IV	24U2TFC04	Pattern Making and Grading	3	4	-	25	75	100
	Core Practical – III	24U2TFCP03	Fiber to Fabric (P)	2	-	2	40	60	100
	Core Practical – IV	24U2TFCP04	Basics of Garment Construction - II (P)	3	-	3	40	60	100
	Elective – II (Discipline)	24U2TFDEP3	a. Garment Construction – Children’s Wear (P)	2	-	2	40	60	100
24U2TFDEP4		b. Design Process and Product Development (P)							
IV	Ability Enhancement - II	24U2CSAC02	Soft Skill Office Automation	2	2	-	25	75	100
	EVS	24U2ES01	Environmental Studies	2	2	-	25	75	100
TOTAL				23	30				900

Part I/ II/ III/ IV	Subject Status	Subject Code	Subject Title	Cred it	Hours/Week		Maximum Marks		
					Theo ry	Practi cal	CIA	ES E	Total
SEMESTER - III									
I	Part – I	23U3LT03	Tamil / Other Language	3	4	-	25	75	100
II	Part – II	23U3LE03	English	3	4	-	25	75	100
III	Core - IV	23U3TF C04	Fabric Structure and Design	3	4	-	25	75	100
	Core - V	23U3TFC05	Textile Wet Processing	3	4	-	25	75	100
	Core Practical – IV	23U3TFCP04	Garment Construction – Children’s Wear (P)	2	-	3	40	60	100
	Core Practical – V	23U3TFCP05	Textile Dyeing and Printing (P)	2	-	3	40	60	100
	Core Practical - VI	23U3TFCP06	Fabric Structure and Design (P)	3	-	3	40	60	100
IV	Elective – III (Discipline)	23U3TFDE0 4	a. Costumes and Textiles of India	2	3	-	25	75	100
		23U3TFDE0 5	b. Art Portfolio						
	Non-Major - I	23U3TFN01	Costume Development	2	2	-	25	75	100
TOTAL				23	30				
SEMESTER – IV									
I	Part – I	23U4LT04	Tamil/Other Language	3	4	-	25	75	100
II	Part – II	23U4LE04	English	3	4	-	25	75	100
III	Core – VI	23U4TFC06	Computer Applications in Garment Industry	3	4	-	25	75	100
	Core – VII	23U4TFC07	Non-Woven and Technical Textile	3	4	-	25	75	100
	Core Practical – VII	23U4TFCP0 7	Garment Construction – Women’s Wear (P)	2	-	3	40	60	100
	Core Practical – VIII	23U4TFCP08	Computer Aided Designing (P)	2	-	3	40	60	100
	Core Practical - IX	23U4TFCP09	Draping (P)	2	-	3	40	60	100
IV	Elective – IV (Discipline)	23U4TFDE06	a. Fashion Merchandising and Export Marketing	3	3	-	25	75	100
		23U4TFDE07	b. Fashion Photography						
	Non-Major - II		Universal Human Values Indian Knowledge System	2	2	-	25	75	100
TOTAL				23	30				

SEMESTER: V & VI

SEM	Part	COURSE CODE	COURSE TITLE	Hrs	CREDIT	MARKS		
						CIA	EX	TOTAL
V	III	22U5TFC06	Computer in Textile Industry	4	3	25	75	100
	III	22U5TFC07	Textile Finishing	4	3	25	75	100
	III	22U5TFA04	Apparel Costing & Merchandising	5	3	25	75	100
	IV	22U5TFCP09	Internship Viva-Voce	-	2	40	60	100
	IV	22U5TFCP08	Computer in Textile Industry Practical	6	4	40	60	100
	IV	22U5TFCP10	Men's Apparel Practical	6	4	40	60	100
	III	22U5TFE01	Entrepreneurship Development of Skills	5	3	25	75	100
	Total				30	22	220	480
VI	III	22U6TFC08	Knit Science	5	4	25	75	100
	III	22U6TFA05	Apparel Testing and Quality Management	5	4	25	75	100
	III	22U6TFCP11	Accessories Making Practical	4	3	40	60	100
	III	22U6TFE02	International Trade and Documentation	5	4	25	75	100
	IV	22U6TFSP02	Fashion Portfolio Presentation Practical	6	3	40	60	100
	IV	22U6TFSP03	Beauty Care Practical	5	2	40	60	100
	V		Extension Activities	-	1	-	-	-
	Total				30	21	195	405
Grand Total				180		1210	2790	4100

SEMESTER - I

Course Code: 24U1TFC01	FASHION DESIGNING CONCEPTS	L	T	P	C
Core – I		4	-	-	3
Prerequisite	Have basic knowledge in designing	Syllabus Version		2024-2025	
Course Objectives:					
The main objectives of this course are to:					
<ol style="list-style-type: none"> 1. Impart knowledge on design concepts in the field of fashion 2. Familiarize with the fashion cycles, consumers and theories 3. Design suitable garments for unusual figure types 					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to:					
CO1	Understand the design types, elements and principles of design				K2
CO2	Appraise the colour combinations with standard colour harmonies				K5
CO3	Interpret the fashion cycles, consumer groups and fashion theories				K2
CO4	Develop dress design for unusual figure types				K6
CO5	Define and describe the fashion terminologies and fashion profiles				K1
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Unit - I Design Elements

12 hours

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.

Unit - II Principles of design

Principles of design and its application in dress – balance, rhythm, emphasis, harmony and proportion.

Unit - III Colour Harmonies

12 hours

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 - IV Designing Dresses for Unusual Figures

12 hours

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

Unit - V Fashion Terminologies and Fashion Profiles**12 hours**

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 University Press, Iowa,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.apparesearch.com/terms/index.htm>
2. <https://www.instyle.com/fashion>
3. <https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/>

LOCF MAPPING

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

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

Course Code: 24U1TFC02	SEWING TECHNOLOGY	L	T	P	C
Core - II		4	-	-	3
Prerequisite	Have basic knowledge in designing	Syllabus Version	2024-2025		
Course Objectives:					
The main objectives of this course are to:					
<ol style="list-style-type: none"> 1. Impart knowledge on sewing technology used in apparel industry 2. Familiarize with the tools used for spreading 3. Design the cutting technology and its techniques 					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to:					
CO1	Demonstrate the Sewing Machineries.				K2
CO2	Explain the stitching mechanism.				K5
CO3	Plan spreading methods and tools used for spreading				K2
CO4	Assume the cutting technologies and its techniques.				K6
CO5	Analyze sewing federal standards for stitch and stitch classification.				K1
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

UNIT - I Sewing machineries

12 hours

Sewing machineries- classification of sewing machines, parts and functions of single needle machine, double needle machine, over lock machine, bar tacking machine, button hole making machine, button fixing machine, blind stitching machine, care and maintenance, common problems and remedies.

UNIT - II Stitching mechanism

12 hours

Stitching mechanism - Needle, Bobbin case, Bobbin and its winding, shuttle, shuttle hook, Loops and Loop spreader, threading finger, upper and lower threading, auxiliary hooks, throat plate, presser foot and its types, Take-up lever, Tension guide and their functions.

UNIT - III Spreading and marking

12 hours

Spreading methods and tools used for spreading, types of spreading. Marking methods - positioning marking, types of markers, efficiency of a marker plan, and requirements of marker planning.

UNIT - IV Cutting technology

12 hours

Cutting technology – definition and function of cutting. Cutting equipments and tools, Stright knife cutting machines, Rotary cutting machines, Band knife cutting

machine, Die cutters, drills and computerized cutting machines. Pressing Equipments - purpose, pressing equipments and methods – iron, steam press, steam air finisher, steam tunnel.

UNIT - V Stitches and seams as per Federal standards

12 hours

Definition and types of stitches and seams as per Federal standards - Application of stitches and seams in clothing. Brief study on various industrial finishing machines - Pressing, fusing, stain removing, needle detecting machines.

Total Lecture hours - 60 hours

REFERENCE

1. Mary Mathews, “Practical Clothing Construction” – Part I and II Cosmic Press, Chennai, 1986.
2. Harold Carr and Barbara Latham, “Technology of Clothing Manufacture” Wiley Publishers, 1994.
3. Gerry Cooklin, “Introduction to clothing manufacture”, Blackwell Science, 1996.
4. Gerry cooklin, “Garment Technology for fashion designers”, Blackwell Science Ltd, 1996.

Website

1. <https://www.apparesearch.com/terms/index.htm>
2. <https://in.pinterest.com/pin/458804280762797371/>

LOCF MAPPING

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

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

Course Code: 24U1TFCP01	FASHION DESIGNING CONCEPTS (P)		L	T	P	C
Core Practical - I			-	-	3	3
Pre-requisite	Knowledge in Fashion Sketching		Syllabus Version		2024-2025	
Course Objectives:						
The main objectives of this course are to:						
<ol style="list-style-type: none"> 1. Familiarize with the elements and principles of design. 2. Play with colours following the standard colour harmonies. 3. Create garment design for various seasons on fashion figures. 						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
CO1	Develop Prang colour chart, 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				K3	
CO5	Create garment designs for various seasons				K6	
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						

Unit: I Prepare the following Charts

09 hours

1. Prang colour chart,
2. Value chart
3. Intensity chart

Unit: II Illustrate Human Figure for the Following Heads

09 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

09 hours

1. Line
2. Texture
3. Shape

Unit: IV Illustrate Garment Designs for the Principles of Design

09 hours

1. Balance (Formal and Informal)
2. Harmony
3. Emphasis
4. Proportion

- 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

04 hours

- Summer
- Winter
- Autumn
- Spring

Total Practical hours - 45 hours

Text Books

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

Reference Books

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

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

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

LOCF MAPPING

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

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

Course Code: 24U1TFCP02	FASHION SKETCHING (P)	L	T	P	C
Core Practical - II		-	-	2	2
Pre-requisite	Basic drawing skills	Syllabus Version		2024-2025	
Course Objectives:					
The main objectives of this course are to:					
<ol style="list-style-type: none"> 1. Impart skills in drawing and colouring. 2. Illustrate garment sketches for children, women and men. 3. Create sketches of different parts 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 designs for children				K4
CO2	Illustrate garment designs for women				K4
CO3	Illustrate garment designs for men				K4
CO4	Sketch the parts of the body in various perspectives				K3
CO5	Sketch different views of male and female face				K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

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

06 hours

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 Women'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 Practical hours - 30 hours

Text Books

1. Fashion Design Drawing and Presentation, Ireland Patrick John, Pavilion Books, 1982.
2. Fashion Design Illustration: Children, Ireland Patrick John, BTBatsfordLtd,1995.
3. Fashion Design Illustration: fasMen, Ireland Patrick John, BTBatsford Ltd,1996.

Reference Books

1. Fashion Illustration, Kiper Anna, David& Charles, 2011. ISBN:9780715336182.
2. 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	M	S	L	M
C02	S	S	M	S	L	M
C03	S	S	M	S	L	M
C04	S	S	M	S	L	M
C05	S	S	M	S	L	M

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

B.Sc., Textile and Fashion Designing 2024-2025 onwards – VICAS – Autonomous College

Course code	24U1TFDEP1	a. BASICS OF GARMENT CONSTRUCTION - I (P)	L	T	P	C
Elective - I (Discipline)			-	-	2	2
Pre-requisite	Basic knowledge in garment construction		Syllabus Version	2024- 2025		
Course Objectives:						
The main objectives of this course are to create:						
<ol style="list-style-type: none"> 1. Impart sewing skills in creating garment components. 2. Develop miniature patterns for skirts, sleeves, collars and yoke. 3. Create miniature samples for skirts, sleeves, collars and yoke 						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
CO1	Develop samples for seams, seam finishes and hems					K6
CO2	Create samples for fullness and neckline finishes					K6
CO3	Create samples for plackets fasteners and pockets					K6
CO4	Construct miniature samples for skirt and sleeves					K6
CO5	Construct miniature samples for collars and yoke					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						

Prepare Miniature Samples

Seams

8 hours

Basic hand stitch – Running stitch, Hemming stitch, Slip stitch, Back stitch, Overcasting stitch.

Seams – Plain seam, Single top stitched seam, Double top stitched seam, Flat fell seam, French seam, Mantua maker’s seam, Welt seam, Lapped seam, Slot seam, and Piped seam

Seam finishes - Pinked finish, Edge stitched finish, Double stitch finish, overcast finish, Herring bone finished seam, Bound seam edge finish.

Fullness

8 hours

Darts - Single, Double, Pointed Darts.

Tucks - Pin Tucks, Cross Tucks, Piped Tucks, Shell Tucks.

Pleats - Pleats; Knife Pleats, Box Pleats, Invertible Box Pleats, Kick Pleats.

Flare – Godets – Gathers – Shirring – Single and Double Frills – Single and

Double Ruffles.

Facing and Binding

4 hours

Facing – Bias Facing, Shaped Facing, Decorative Facing.

Binding – Bias Binding, Single and Decorative Bias Binding.

Sleeves

10 hours

Sleeves - Types of Sleeves - Plain, Puffs – Gathered at Top and Bottom, Bell, Bishop, Circular, Leg-O-Mutton, Magyar Sleeves, Raglan, Dolmen, Kimono.

Total Practical hours - 30 hours

REFERENCE

1. Mary Mathews, “Practical Clothing Construction” – Part I and II Cosmic Press, Chennai, 1986.
2. Chris Jeffreys, “The Complete Book of Sewing”, Dorling Kindersley Limited, London, 2003.
3. Readers Digest, “Sewing and Knitting: A Readers Digest, Step by step guide”, Readers Digest, Pvt.Ltd., 1993.
4. Injoo Kim and Mykyung Uh, “Apparel Making in Fashion Design”, Bloomsbury Publications, New York, 2002.
5. Sumathi G.J., “Elements of Fashion and Apparel Design”, New Age International (P) Ltd., New Delhi, 2007.

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. Zarpker system of cutting –Zarpker.K.R., Navneet publicationsLtd,1994.

Reference Books

1. 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	M	M	M	M
CO2	S	L	M	M	M	M
CO3	S	L	M	M	M	M
CO4	S	L	M	M	M	M
CO5	S	L	M	M	M	M

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

B.Sc., Textile and Fashion Designing 2024-2025 onwards – VICAS – Autonomous College

Course Code	24U1TFDEP2	b. FASHION PHOTOGRAPHY (P)	L	T	P	C
Elective - II (Discipline)			-	-	2	2
Pre-requisite		Basic knowledge on garment presentation	Syllabus Version	2024-2025		
Course Objectives:						
The main objectives of this course are to:						
<ol style="list-style-type: none"> 1. Understand the concepts of photography and editing process. 2. Give ideas on developing a photo and enable photography techniques in various fields. 3. Enable students to know about image editing with special effects. 						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
CO1	Remember general principles of photography					K1
CO2	Understand the lighting techniques for indoor or outdoor photography					K2
CO3	Apply the techniques in the field of modelling, magazine, fashion shows etc.,					K3
CO4	Evaluate the right image selection for the purpose of photography					K4
CO5	Create images with the help of computer applications					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						

Photography

10 hours

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

Special effects:

10 hours

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

Image editing

10 hours

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

Total Lecture hours - 30 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	M	M	S	L	L	S
CO3	S	S	S	L	M	S
CO4	M	L	S	M	L	S
CO5	S	L	S	M	L	S

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

SEMESTER - II

Course Code: 24U2TFC03	FIBER TO FABRIC	L	T	P	C
Core - III		4	-	-	3
Prerequisite	Basic knowledge in textile science	Syllabus Version		2024-2025	
Course Objectives:					
The main objectives of this course are to:					
<ol style="list-style-type: none"> 1. Impart knowledge on the manufacturing process of fabric from the fiber 2. Teach the methods and techniques involved in the fibre, yarn and fabric manufacturing process 3. Know the trends and technologies followed in the textile industry 					
Expected Course Outcomes:					
On successful completion of the course, student will be able to:					
CO1	Classify fibers and understand the manufacturing and properties of natural fibers				K2
CO2	Discover the manufacturing process of man - made fiber				K3
CO3	Understand the yarn types and its manufacturing process				K2
CO4	Describe the weaving methods and its characteristic features				K1
CO5	Gain an understanding of knitting and non wovens				K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Unit: I Fiber Classification, Natural fibers

12 hours

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

12 hours

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

12 hours

Spinning –Definition and classification; Chemical and mechanical spinning; Cotton Yarn Production sequence and objectives- opening, cleaning, doubling, carding,

combing, drawing, roving and spinning. Comparison of carded and combed yarn.

Yarn - Definition and classification- simple and fancy yarns. Manufacturing Process of sewing thread – cotton and synthetic. Yarn numbering systems - Significance of yarn twist.

Unit: IV Weaving Mechanism

12 hours

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

12 hours

Knitting - Definition, classification. Principles of weft and warp knitting. Non – woven – Introduction – definition, classification and scope and application of non-woven – fibres used- web preparation, opening, cleaning machine, production of parallel laid web, cross laid and random laid web.

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, WoodheadPublishing India in Textiles, 2014.
2. Mechanisms of Flat Weaving Technology, Elena V Chepelyuk, Palitha Bandara and Valeriy V, Choogin; Woodhead Publishing series in Textiles, 2013.
3. Handbook of fiber science and Technology, Menachem Lewin and Stephen B Sello, MarcelDekker, 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/>

LOCF MAPPING

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

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

Course Code: 24U2TFC04	PATTERN MAKING AND GRADING	L	T	P	C
Core - IV		4	-	-	3
Prerequisite	Basic knowledge in measurements	Syllabus Version		2024-2025	
Course Objectives:					
The main objectives of this course are to:					
<ol style="list-style-type: none"> 1. Impart knowledge about the pattern making 2. Teach the methods and techniques of grading 3. Know the trends and technologies of pattern making techniques 					
Expected Course Outcomes:					
On successful completion of the course, student will be able to:					
CO1	Apply methods of Pattern making.				K2
CO2	Develop the commercial pattern and body measurement.				K3
CO3	Plan the pattern layout and its rules in cutting.				K2
CO4	Justify the fitting and its principles.				K1
CO5	Compose manual and computerized grading.				K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Unit – I Methods of pattern making

12 hours

Methods of pattern making - Drafting – Principles of drafting. Steps in drafting children’s and adult’s bodice and sleeve patterns. Flat pattern techniques - Definition, Pivot, Slash and Spread method.

Unit – II Commercial Pattern

12 hours

Study of commercial pattern and body measurements. Preparation of commercial pattern. Body measurements - importance and Principles of taking body measurements. Method of taking body measurements of different garments.

Unit – III Pattern layout

12 hours

Pattern layout - Rules in pattern layout, common methods for layout, layout for asymmetrical designs, bold designs, checked and one-way design. Economy of fabrics in placing pattern - Adjusting the fabrics to patterns.

Unit–IV Fitting**12 hours**

Fitting - Definition-Principles for good fit. Causes for poor fit, checking the fit of a garment, Fitting techniques. Pattern alteration - importance of altering patterns. Principles for pattern alteration.

Unit – V Grading**12 hours**

Grading - Definition, Types (Manual and Computerized). Manual- Master grade basic back, basic front, basic collar and basic facing grading. Computerized grading technology- Information Flow, System description.

Total Lecture hours - 60 hours**REFERENCE**

1. Helen Joseph Armstrong, “Pattern making Fro fashion Design”, Harper Collins publishers, 1987.
2. Winfred Aldrich, “Metric Pattern Cutting”, Black well Science Ltd., England, 1994.
3. Winfred Aldrich, “Metric Pattern Cutting for Men’s Wear”, Blackwell Science Ltd, 1976.
4. Winfred Aldrich, “Metric Pattern cutting for children’s wear”, Blackwell Science Ltd., England, 1999.
5. Gerry cooklin, “Pattern Grading for Children’s clothes”, Blackwell Science Ltd., English, 1991.

Website

1. <http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827>
2. <https://www.youtube.com/watch?v=nI-ShbmnuVg>
3. <https://www.youtube.com/watch?v=LuazkYL0J3A>
4. <https://www.youtube.com/watch?v=zLkNgkzx-wI>

LOCF MAPPING

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

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

Course Code	24U2TFCP03	FIBER TO FABRIC (P)	L	T	P	C
Core Practical - III			-	-	2	2
Pre-requisite		Basic knowledge in textile science	Syllabus Version		2024-2025	
Course Objectives:						
The main objectives of this course are to:						
<ol style="list-style-type: none"> 1. Identify the type of fibers. 2. Test the yarn count and fabric count. 3. Test the fabric for the following parameters–twist, course length, weight, shrinkage, colour fastness and absorbency 						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
CO1	Distinguish the type of fiber by microscope, flame test and chemical tests				K1	
CO2	Determine the count of the yarn and fabric				K3	
CO3	Test the fabric for fabric weight and course length of the fabric				K2	
CO4	Evaluate the color fastness and shrinkage of fabric				K5	
CO5	Experiment the absorbency of fabric				K4	
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						

1. Identification of Textile fibers

10 hours

- Microscopic Method
- Flame test
- Chemical test

2. Testing of Yarn and Fibers

05 hours

- Yarn Count using Wrap Reel
- Yarn Count using Besley's Balance
- Twist of the Yarn

3. Testing of Fabric

15 hours

- Fabric Weight
- Fabric Count by Ravelling Method
- Fabric Count with Pick Glass
- Course Length and Loop length of Knitted Fabric
- Colour Fastness to Washing
- Tests of Shrinkage
- Tests of Absorbency

Total Practical hours -30 hours

Text Books

1. Textiles–Fibre to fabric, Corbmann 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

1. Identification of Textile Fibers 1st 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	M	M	S	S	L
CO2	M	M	M	S	S	M
CO3	M	M	M	S	S	L
CO4	M	M	S	M	S	M
CO5	L	L	S	M	S	L

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

Course Code	24U2TFCP04	BASICS OF GARMENT CONSTRUCTION - II (P)	L	T	P	C
Core Practical - IV			-	-	3	3
Pre-requisite	Basic knowledge in garment construction		Syllabus Version		2024-2025	
Course Objectives:						
The main objectives of this course are to create:						
1. Impart sewing skills in creating garment components.						
2. Develop miniature patterns for skirts, sleeves, collars and yoke.						
3. Create miniature samples for types of pockets						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
CO1	Develop samples for yoke and its types					K6
CO2	Create samples for pockets and its types					K6
CO3	Create samples for types of collars					K6
CO4	Construct miniature samples for yoke					K6
CO5	Construct miniature samples for collars					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						

Prepare Miniature Samples

Yoke **11 hours**

Yoke - Preparation of samples yoke with fullness and within the yoke supporting fullness, partial yoke and midriff yoke.

Plackets and Fasteners **11 hours**

Plackets – Continuous Bound Plackets, Discontinuous Plackets, Slot Seam Zipper Plackets and Tailored Plackets. **Fasteners** – Press Button, Hook and Eye, Loop Button, Button and Button Holes, Zipper.

Pockets **11 hours**

Pocket – patch pocket, bound pocket, welt pocket, set in pocket, pocket in a seam.

Collars **12 hours**

Collars - Types of collars – One piece Peter Pan collar, two piece peter pan collar, stand collar, scalloped collar, square collar, cape collar, shirt collar, sailor collar.

Total Practical hours -45 hours

REFERENCE

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

1. 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	M	M	M	M
CO2	S	L	M	M	M	M
CO3	S	L	M	M	M	M
CO4	S	L	M	M	M	M
CO5	S	L	M	M	M	M

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

B.Sc., Textile and Fashion Designing 2024-2025 onwards – VICAS – Autonomous College

Course code	24U2TFDEP3	a. GARMENT CONSTRUCTION – CHILDREN’S WEAR (P)	L	T	P	C
Elective – II (Discipline)			-	-	2	2
Pre-requisite		Basic Knowledge in Garment Construction	Syllabus Version	2024-2025		
Course Objectives						
The main objectives of this course are to, 1. Design garments for children 2. Impart skills in Pattern drafting 3. Construct garments by sewing						
Expected Course Outcomes						
On the successful completion of the course, student will be able to,						
CO1	Design garments for child					K6
CO2	Develop patterns using drafting method					K6
CO3	Select the necessary tools needed for sewing					K6
CO4	Construct garments by sewing					K3
CO5	Discover new techniques in pattern making and garment construction					K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						

Design, Draft and Construct the following Garments for a Children’s Wear

1. **Bib-** Variation in outline shape **2 hours**
2. **Panty-** Plain or plastic lined panty **2 hours**
3. **Jabla-** Without sleeve, front open (or) Magyar sleeve, back opens **2 hours**
4. **Romper** – Elastic and applique attach **3 hours**
5. **A-Line petticoat-** Double pointed dart, neck line and armhole finished with facing (or) petticoat with gathered waist. **3 hours**
6. **Yoke frock-** Yoke at chest line, with open, puff sleeve, gathered skirt or frock with collar, without sleeve, gathered/circular skirt at waist line (or) Princess frock **4 hours**
7. **Umbrella frock** – Body, round skirt, no gathered, puff sleeve **4 hours**
8. **Summer Frock** – with strap **3 hours**
9. **Knicker** – elastic waist, side pockets **3 hours**
10. **Shirt-** open collar, with pocket **4 hours**

Total Practical hours -30 hours

REFERENCE

1. Mary Mathew, “Practical Clothing Construction” - Part-I & II, Cosmic Press, Chennai, 1986.

2. K.R.Zarapkar , “Zarapkar System of Cutting” Navneet Publication Limited, New edition- 2017.
3. Juvekar. M.B., “Easy Cutting”, Sahitya Bhavan, 1976.
4. Juvekar. M.B., “Commercial system of cutting”, Commercial Tailors Corporation Pvt, Ltd, Mumbai, 1972.

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

1. <http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827>
2. <https://www.youtube.com/watch?v=nI-ShbmnuVg>
3. <https://www.youtube.com/watch?v=LuazkYL0J3A>
4. <https://www.youtube.com/watch?v=zLkNgkzx-wI>

LOCF MAPPING

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

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

B.Sc., Textile and Fashion Designing 2024-2025 onwards – VICAS – Autonomous College

Course Code	24U2TFDEP4	b. DESIGN PROCESS AND PRODUCT DEVELOPMENT PRACTICAL	L	T	P	C
Elective - II (Discipline)			-	-	2	2
Pre-requisite		Basic knowledge on garment presentation	Syllabus Version	2024-2025		
Course Objectives:						
The main objectives of this course are to:						
1. Understand the designing process.						
2. Give ideas on developing a product.						
3. Enable student to know sequence of steps involves in product development.						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to:						
CO1	Remember general principles of design					K1
CO2	Understand the design process					K2
CO3	Apply the techniques garment designing in product development					K3
CO4	Evaluate the garment outfit.					K4
CO5	Create ready to wear and haute couture outfits					K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						

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- 30 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.
2. 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. <https://youtu.be/buERDxIBn8w>

LOCF MAPPING

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

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

SEMESTER - III

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

Course Code: 23U3TFC04	FABRIC STRUCTURE AND DESIGN	L	T	P	C
Core - IV		4	-	-	3
Pre-requisite	Basic knowledge about Weaving	Syllabus Version	2023-2024		
Course Objectives					
The main objectives of this course are to, 1. To learn the elements of woven design 2. To study the different types of weaves 3. To understand the draft and lifting plan					
Expected Course Outcomes					
On the successful completion of the course, student will be able to,					
CO1	To classify different types of weaves				K2
CO2	To draw the Design, Draft and Peg Plan of weaves.				K6
CO3	To differentiate between different type of weaves				K4
CO4	To construct different types of weaves				K6
CO5	Apply the methods of fabric representation				K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Unit - I Elements of Woven Design

12 hours

Elements of woven design, Methods of fabric representation, Draft and lifting plan, Construction of elementary weaves – plain, warp rib, weft rib, twill, modification of twills, satin and sateen weaves– their derivatives

Unit - II Types of Weaves

12 hours

Ordinary and Brighten honey comb, its modification, Huckaback and its modifications, Crepe weaves, Mock leno.

Unit - III Figured Fabrics

12 hours

Extra warp and Extra weft figuring – single and two colours, planting, backed fabric, warp and weft backed fabrics.

Unit – IV Pile Fabrics

12 hours

Pile fabric – Formation of pile–weft pile–plain back, twill back–length, density and fastness of pile–corduroy weft plush. Warp pile–Terry pile, with the aid of wires, face to face warp pile.

Unit - V Double Cloth

12 hours

Double cloth – Classification, Self-stitched – Face to back, Back to face, Both. Centre stitched–warp and weft. Interchanging double cloth.

Total Lecture hours – 60 hours

REFERENCE

1. Corbman, B. P. (1983). *Fiber and Fabric*, McGraw Hill Book Company, 6th Edition, Newyork.
2. Gohl, E.P.G. and Vilensky. L. D. (1987). *Textile Science- An explanation of fibre properties*, C.B.S. publishers and distributors, New Delhi, 2nd Edition.
3. Gopalakrishnan, P. and Murugan, T. (2006). *Fibre Science and Technology*, S.S.M.I.T.I, Staffs and Students, Komarapalayam, 2nd Edition.
4. Warner, S. B. (1995). *Fiber Science Technology & Engineering*, Prentice-Hall, United States.
5. Gokarneshan, N. (2004), *Fabric structure and Design*, New Age International Publishers, Coimbatore.

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

1. https://textilelearner.blogspot.com/2011/06/weaving-weaving-mechanism_643
2. <https://textilelearner.blogspot.com/2012/07/basic-woven-fabric-structure-plain>
3. <http://textilefashionstudy.com/category/fabric-manufacturing-technology-2>
4. <http://www.warporweft.com/types-of-looms>

LOCF MAPPING

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

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

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

Course Code: 23U3TFC05	TEXTILE WET PROCESSING			L	T	P	C
Core - V				4	-	-	3
Pre-requisite	Basic Knowledge in Textile Wet Processing			Syllabus Version			2023-2024
Course Objectives							
The main objectives of this course are to, 1. Prepare the fabric for finishing 2. Dye and print the fabrics using suitable dyes and prints paste 3. Prepare on effluent and its impact							
Expected Course Outcomes:							
On the successful completion of the course, student will be able to:							
CO1	Familiarize the Process sequence of wet processing in textile industry						K2
CO2	Explain the types of dyes used in textile industry						K1
CO3	Discover the dyeing methods						K3
CO4	Interpret the essential printing paste used for preparing printing paste						K2
CO5	Understand the various printing methods						K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create							

Unit - I Typical sequence of process wet processing 12 hours

Typical sequence of process Singeing – Objectives and Types – Machines. Desizing – objects, types. Scouring – Objectives and processes carried out during scouring, Wet processing equipment – Kier, J – Box, Stenter, Bleaching – Definition and Objectives – Bleaching methods using Hypo chlorites, Hydrogen Peroxide, Sodium Chlorite, Mercerisation- Theory process, Methods – Chain and Chainless process.

Unit - II Dyeing 12 hours

Dyeing – Definition, Theory of dyeing. Properties required for dye stuff - classification of colorants. Dyeing procedure using various dye stuffs – Direct dyes, Reactive dyes, Acid dyes, basic dyes, Azo dyes, Vat dyes, Sulphur dyes, Disperse dyes.

Unit - III Dyeing machines 12 hours

Brief study on Dyeing machines for Loose Cotton Fibre Dyeing, Yarn Dyeing, Package Dyeing, Fabric Dyeing and Garment Dyeing.

Unit - IV Printing 12 hours

Printing – definition differentiate dyeing and printing. Essential ingredients used in printing paste. Basic styles of printing – Direct, Discharge, and Resist style, Printing of Cellulose Fabric, Printing of wool and silk, Printing of Polyester and Nylon.

Unit - V Printing methods**12 hours**

Printing methods – Stencil, Batik, Block, tie and Dye. Printing techniques in Industries – Screen- Hand screen, Flat Screen, Rotary Screen, Transfer Printing, Flock printing, Photo Printing etc.

Total Lecture hours – 60 hours**REFERENCE**

1. V.A.Shenai, “Technology of Textile Processing “ Vol III, V, VII, VIII, Sevak Publications, Bombay, 1981.
2. P.V.Vidyasagar , “Hand book of Textiles” Mittal Publication, 1998.
3. Marsh J.T.Chapman and Hall Ltd, “An Introduction to Textile Finishing” London, 1948

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

1. <https://textilecourse.blogspot.com/2018/08/working-process-printing->
2. <https://www.textileschool.com/343/fabric-wet-processing-techniques/>
3. <https://textilelearner.blogspot.com/2011/08/flow-chart-of-wet-processing-process.html>
4. <http://www.neoakruthi.com/blog/etp-for-textile-industry.html>

LOCF MAPPING

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

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

Course Code: 23U3TFCP04	GARMENT CONSTRUCTION – CHILDREN'S WEAR (P)	L	T	P	C
Core Practical – IV		-	-	3	2
Pre-requisite	Basic Knowledge in Garment Construction	Syllabus Version	2023-2024		
Course Objectives					
The main objectives of this course are to, 4. Design garments for children 5. Impart skills in Pattern drafting 6. Construct garments by sewing					
Expected Course Outcomes					
On the successful completion of the course, student will be able to,					
CO1	Design garments for child				K6
CO2	Develop patterns using drafting method				K6
CO3	Select the necessary tools needed for sewing				K6
CO4	Construct garments by sewing				K3
CO5	Discover new techniques in pattern making and garment construction				K4
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Design, Draft and Construct the following Garments for a Children's Wear (45 hours)

1. **Bib**- Variation in outline shape
2. **Panty**- Plain or plastic lined panty
3. **Jabla**- Without sleeve, front open (or) Magyar sleeve, back opens
4. **A-Line petticoat**- Double pointed dart, neck line and armhole finished with facing (or) petticoat with gathered waist.
5. **Yoke frock**- Yoke at chest line, with open, puff sleeve, gathered skirt or frock with collar, without sleeve, gathered/circular skirt at waist line (or) Princess frock
6. **Umbrella frock** – Body, round skirt, no gathered, puff sleeve
7. **Summer Frock** – with strap
8. **Knicker** – elastic waist, side pockets
9. **Shirt**- open collar, with pocket

REFERENCE

1. Mary Mathew, "Practical Clothing Construction" - Part-I & II, Cosmic Press, Chennai, 1986.
2. K.R.Zarapkar, "Zarapkar System of Cutting" Navneet Publication Limited, New

edition- 2017.

3. Juvekar. M.B., “Easy Cutting”, Sahitya Bhavan, 1976.
4. Juvekar. M.B., “Commercial system of cutting”, Commercial Tailors Corporation Pvt, Ltd, Mumbai, 1972.

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

1. <http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827>
2. <https://www.youtube.com/watch?v=nI-ShbmnuVg>
3. <https://www.youtube.com/watch?v=LuazkYL0J3A>
4. <https://www.youtube.com/watch?v=zLkNgkzx-wI>

LOCF MAPPING

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

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

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

Course code: 23U3TFCP05	TEXTILE DYEING AND PRINTING (P)	L	T	P	C
Core Practical – V		-	-	3	2
Pre-requisite	Basic Knowledge in Dyeing and Printing	Syllabus Version		2023 - 2024	
Course Objectives					
The main objectives of this course are to, 1. Prepare the fabric for dyeing and printing 2. Dye the fabric using suitable dyes 3. Print the fabrics with direct and resist printing methods					
Expected Course Outcomes,					
On the successful completion of the course, student will be able to:					
CO1	Demonstrate the process and sequence wet processing.				K2
CO2	Combine styles of dyeing in fabrics.				K1
CO3	Analyze the dyes used for suitable fabrics.				K3
CO4	Measure the dyes used dyeing and printing.				K4
CO5	Create different samples by using different styles of printing.				K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Preparation of samples for Processing

15 hours

1. Desizing
2. Scouring
3. Bleaching

Preparation of samples for Dyeing

20 hours

1. Dyeing of any one Vegetable dyes in Cotton and Silk.
2. Dyeing of cotton with direct dyes, Reactive dyes, Vat dyes, sulphur dyes.
3. Dyeing of wool, silk with Acid and basic dyes.
4. Dyeing of polyester.

Preparation of samples for Printing

10 hours

1. Hand Screen Printing
2. Stencil Printing
3. Block Printing
4. Batik Printing
5. Tie and dye
6. Flock printing

Total Practical hours – 45 hours

REFERENCE

1. V.A.Shenai, "Technology of Textile Processing " Vol III, V, VII, VIII, Sevak Publications, Bombay, 1981.
2. P.V.Vidyasagar , "Hand book of Textiles" Mittal Publication, 1998.
3. Marsh J.T.Chapman and Hall Ltd, "An Introduction to Textile Finishing" London, 1948

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

1. <https://textilecourse.blogspot.com/2018/08/working-process-printing->
2. <https://www.textileschool.com/343/fabric-wet-processing-techniques/>
3. <https://textilelearner.blogspot.com/2011/08/flow-chart-of-wet-processing-process.html>
4. <http://www.neoakruthi.com/blog/etp-for-textile-industry.html>

LOCF MAPPING

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

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

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

Course Code: 23U3TFCP06	FABRIC STRUCTURE AND DESIGN (P)	L	T	P	C
Core Practical - VI		-	-	3	3
Pre-requisite	Basic Knowledge about Fabric Structure	Syllabus Version		2023 - 2024	
Course Objectives					
The main objectives of this course are to, 1. To identify the different types of weaves 2. To analyze the fabric structure 3. To understand the woven fabric design					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to					
CO1	Draw the design, draft and Peg Plan of weaves				K3
CO2	Understand the weaving components				K4
CO3	Analyze the design aspects in the weaving pattern				K2
CO4	Identify fabric structures of woven samples				K4
CO5	Deduct the woven fabrics samples				K5
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Analyze the Following Fabric Structures

Total Practical

45 hours

1. Plain weave and its derivatives
2. Warp rib
3. Weft rib
4. Twill Weave
5. Right hand twill
6. Left hand twill
7. Satin and Sateen
8. Honeycomb Weave
9. Huck a Buck Weave
10. Extra warp figuring
11. Extra weft figuring
12. Pile fabric

REFERENCE

1. Corbman, B. P. (1983). *Fiber and Fabric*, McGraw Hill Book Company, 6th Edition, Newyork.
2. Gohl, E.P.G. and Vilensky. L. D. (1987). *Textile Science- An explanation of fibre*

properties, C.B.S. publishers and distributors, New Delhi, 2nd Edition.

3. Gopalakrishnan, P. and Murugan, T. (2006). *Fibre Science and Technology*, S.S.M.I.T.I, Staffs and Students, Komarapalayam, 2nd Edition.
4. Warner, S. B. (1995). *Fiber Science Technology & Engineering*, Prentice-Hall, United States.
5. Gokarneshan, N. (2004), *Fabric structure and Design*, New Age International Publishers, Coimbatore.

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

1. https://textilelearner.blogspot.com/2011/06/weaving-weaving-mechanism_643
2. <https://textilelearner.blogspot.com/2012/07/basic-woven-fabric-structure-plain>
3. <http://textilefashionstudy.com/category/fabric-manufacturing-technology-2>
4. <http://www.warporweft.com/types-of-looms>

LOCF MAPPING

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

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

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

Course code	23U3TFDE04	a. COSTUMES AND TEXTILES OF INDIA	L	T	P	C
Elective – III (Discipline)			3	-	-	2
Pre-requisite		Basic Knowledge on Costumes of India and Ancient Civilization	Syllabus Version	2023-2024		
Course Objectives						
The main objectives of this course are to,						
<ol style="list-style-type: none"> 1. Impart knowledge and understanding of the diverse and valuable traditional Indian textiles. 2. Appreciate the various styles of traditional Indian costumes and accessories. 3. To learn about the costumes of India and the ancient civilization. 						
Expected Course Outcomes:						
On the successful completion of the course, student will be able to,						
CO1	Discover the beginning and origin of costumes					K2
CO2	Recognize the dyed and printed textiles of India					K1
CO3	To know about the costumes of different states in India					K4
CO4	To get knowledge of costume used in north eastern regions					K5
CO5	Appraise the costumes of ancient civilization.					K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create						

Unit - I Origin and growth of costume

9 hours

Beginning and growth of costume - Painting, Cutting and Tattooing. Traditional Accessories and Ornaments used in India.

Unit - II Woven, Dyed and Printed Textiles of India

9 hours

Study of woven, dyed and printed textiles of India - Bhandhani, Patola, Ikkat, Kalamkari, Dacca Muslin, Banarasi, Chanderi brocades, Baluchar, Kashmir shawl, Pochampalli, Silk sarees of Kancheepuram.

Unit - III Traditional costume of different states in India

9 hours

Traditional costume of different states in India - Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Maharashtra, Rajasthan, Haryana, Uttar Pradesh, Jammu and Kashmir, Gujarat.

Unit - IV Traditional costume of North East India

9 hours

Traditional costume of North East India – Arunachal Pradesh, Assam, Meghalaya, Mizoram, Nagaland, Tripura, Manipur.

Unit - V Costume of Ancient Civilization

9 hours

Costume of Ancient civilization – Egypt, Greece and Rome.

Total Lecture hours – 45 hours

REFERENCE

1. M.L. Nigam, "Indian Jewellery", Lustre Press Pvt Ltd, India, 1999.
2. Jamila Brij Bushan, "The Costumes and Textiles of India" D B Taraporevala Sons & Co, Bombay, 1958.
3. G.S. Ghurye, "Indian Costume" Popular Prakashan Pvt Ltd, India, 1967.

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

1. <https://www.youtube.com/watch?v=whm0UxZ9gnQ>
2. <https://www.hamstech.com/blog/significance-of-dyeing-printing-in-fashion-designing/>

LOCF MAPPING

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

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

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

Course Code: 23U3TFDE05	b. ART PORTFOLIO	L	T	P	C
Elective -III (Discipline)		3	-	-	2
Prerequisite	Have basic knowledge in designing	Syllabus	Version	2023-	2024
Course Objectives:					
The main objectives of this course are to:					
4. Impart knowledge on design concepts fashion portfolio					
5. Familiarize with the fashion portfolio boards					
6. Design suitable garments portfolio presentation for Kid's, Women's, Men's Wear					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to:					
CO1	Develop the concept of portfolio.				K2
CO2	Apply different types of boards.				K5
CO3	Categorize mood board and its specification.				K2
CO4	Demonstrate the fabric board.				K6
CO5	Design the theme board and story board.				K1
	K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create				

Unit: I Concept of Portfolio Development

9 hours

Concept of Portfolio Development – Environment (Natural Factors), Season, Colour, Culture, Fabric design, Occasion, Presentation Technique, Importance of portfolio.

Unit: II Study of boards

9 hours

Study of Mood board, Fabric Board, Theme Board, and Story Board – its function.

Unit: III Mood Board

9 hours

Portfolio Presentation of Kid's, Women's, Men's Wear - Mood Board – Colour Paletter – Customer Profile – Fabric development Chart – Design Development Chart – Specification Sheet.

Unit: IV Fabric Board

9 hours

Portfolio Presentation of Kid's, Women's, Men's Wear - Fabric Board - Colour Paletter – Customer Profile – Fabric development Chart – Design Development Chart – Specification Sheet.

Unit: V Theme Board, and Story Board

9 hours

Portfolio Presentation of Kid's, Women's, Men's Wear - Theme Board, and Story Board - Colour Paletter – Customer Profile – Fabric development Chart – Design Development Chart – Specification Sheet.

Total Lecture hours - 45 hours

Text Book(s)

3. Fashion Sketch Book – Bina Abling, Fair Child Publications, New York Wardrobe,1988.
4. Nirupama Pundir, “Fashion Technology Today and Tomorrow”, Mittal Publication, 2007.
5. Jenny Devis, “A Complete Guide to Fashion designing”, Abishek, Publications, 2007
6. Art and Fashion in Clothing Selection – Mc Jimsey and Harriet, Iowa State University Press, Jowa,1973.

Reference Books

3. Fashion From Concept to Consumer – Frings Gini Stephens, Pearson Education, US, 1998.
4. Inside the Fashion Business – Kitty G. Dickerson, Pearson Education, US, 2007.

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

4. <https://www.portfoliosearch.com/terms/index.htm>
5. <https://www.instyle.com/fashionfolio>
6. <https://prezi.com/1tlwgnhviqs-/fashion-elements-and-fashionportfolio-of-design/>

LOCF MAPPING

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

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

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

Course Code: 23U3TFN01	COSTUME DEVELOPMENT				L	T	P	C
NMEC- I		2	-	-	2			
Pre-requisite	Basic Knowledge on Costumes of India and Ancient Civilization				Syllabus Version	2023 - 2024		
Course Objectives								
The main objectives of this course are to, 1. Impart knowledge and understanding of the diverse and valuable traditional Indian textiles. 2. Appreciate the various styles of traditional Indian costumes and accessories. 3. To learn about the costumes of India and the ancient civilization.								
Expected Course Outcomes:								
On the successful completion of the course, student will be able to,								
CO1	Discover the beginning and origin of costumes						K2	
CO2	Recognize the dyed and printed textiles of India						K1	
CO3	To know about the costumes of different states in India						K4	
CO4	To get knowledge of costume used in north eastern regions						K5	
CO5	Appraise the costumes of ancient civilization.						K3	
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create								

Unit - I Beginning of costume

6 hours

Beginning of costume – Growth of dress – Painting, Cutting and Tattooing, Origin of clothing, Factors influencing costume changes.

Unit – II Costume of Ancient civilization

6 hours

Costume of Ancient civilization – Egypt, Greece and Rome.

Unit - III Traditional costume of different states in India

6 hours

Costume of India, Traditional costumes of different states of India, Accessories and Ornaments used in India.

Unit - IV Traditional woven textiles of India

6 hours

Traditional woven textiles of India, Dacca Muslin, Jamdani, Chanderi, Brocades, Baluchar, Kashmir shawl, Pochampalli, Silk sarees of Kancheepuram

Unit - V Traditional dyed and printed textiles of India

6 hours

Traditional dyed and printed textiles of India – Ikat textiles – Bandhani, Patola, Printed textiles Kalamkari, Block Printed fabrics.

Total Lecture hours – 30 hours

REFERENCE

1. M.L. Nigam, “Indian Jewellery”, Lustre Press Pvt Ltd, India, 1999.

2. Jamila Brij Bushan, "The Costumes and Textiles of India" D B Taraporevala Sons & Co, Bombay, 1958.
3. G.S. Ghurye, "Indian Costume" Popular Prakashan Pvt Ltd, India, 1967.

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

1. <https://www.youtube.com/watch?v=whm0UxZ9gnQ>
2. <https://www.hamstech.com/blog/significance-of-dyeing-printing-in-fashion-designing/>

LOCF MAPPING

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

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

SEMESTER - IV

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

Course Code: 23U4TFC06	COMPUTER APPLICATIONS IN GARMENT INDUSTRY	L	T	P	C
Core – VI		4	-	-	3
Pre-requisite	Knowledge on computer fundamentals	Syllabus Version		2023 - 2024	
Course Objectives					
The main objectives of this course are to, <ol style="list-style-type: none"> 1. Impart knowledge on the significant role played by the computers in the garment industry 2. Create an awareness on the latest technologies available in the various sectors of the garment industry 3. Teach the advantages of using computer technology to improve the production qualitatively and quantitatively 					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to,					
CO1	Articulate the specifications and functions of a computer and its peripherals				K3
CO2	Appraise the inevitable role played by computers in various sections of a textile and garment industry				K5
CO3	Understand the application of CAD and CAM in the areas of textile and garment designing				K2
CO4	Discover the use of computers in the field of body measurements, pattern making and grading				K3
CO5	Weigh the advantages of computer technology in the process sequences and there by increase production				K5
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Unit – I Classification of computers

12 hours

Classification of Computers, Computer Generations, Computer Specification, Organization of Computer Sections. Types of storage devices (Primary and Secondary), Input Devices, Output Devices.

Unit – II Role of computers

12 hours

Role of computers in fashion industry-Information flow – CAD, CAM, CIM, CAA, PDC – Definition and Functions, Computers in Production Planning and Production Scheduling, Computerized Colour Matching System.

Unit – III CAD in Designing

12 hours

CAD in Designing, Textile designing – Weaving, Knitting and Printing, Creating Embroidery Designs, Garment Designing -2D and 3D forms.

Unit – IVCAD in Pattern making and grading

12 hours

CAD in Pattern making and grading – System Description – Information Flow – Process Involved Pattern Making, Process Involved in Pattern Grading.

Unit – V Computer application**12 hours**

Computer Application in Fabric Defect Checking, Laying / Spreading, Cutting
Marker Planning, Labelling – Parts And Functions, Computerized Sewing Machines.

Total Lecture hours – 60 hours**REFERENCE**

1. Eberle Hannelore, “Clothing Technology: from Fibre to Fashion Hardcover” Verlag Europa-Lehrmittel Noun, 2008.
2. P K Sinha, “Computer Fundamentals”, BPB Publications, Delhi, 1992.
3. Harold Carr ad Barbara Latham, “The technology of clothing manufacture”, Blackwell Ltd, 1994.
4. Gerry Cooklin, “Pattern Grading for Women’s Cloths the Technology of sizing”, Blackwell Science Ltd, 1990.

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

1. <https://inifdahmedabad.com/blog/importance-of-cad-in-fashion-industry/>
2. <https://clothingindustry.blogspot.com/2018/02/application-cad-weaving.html>
3. <http://textilescommittee.nic.in/writereaddata/files/publication/gar4.pdf>
4. <https://study.com/academy/lesson/how-is-cad-cam-used-in-textiles.html>
5. <https://textilelearner.blogspot.com/2012/03/computer-application-areas-in-textile.html>

LOCF MAPPING

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

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

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

Course Code: 23U4TFC07	NON-WOVEN AND TECHNICAL TEXTILES	L	T	P	C
Core – VII		4	-	-	3
Pre-requisite	Basic Knowledge about Non-Woven and Technical Textiles	Syllabus Version		2023-2024	
Course Objectives					
The main objectives of this course are to,					
<ol style="list-style-type: none"> 1. Familiarize with the basics of nonwoven textiles 2. Impart knowledge on the technical textiles 3. To know about the non-woven textile and its application 					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to,					
CO1	Understand the basics non - woven textiles				K2
CO2	Discover the methods of bonding techniques				K3
CO3	List the technical textiles and its application				K3
CO4	Interpret the technical textiles and its end uses				K5
CO5	To know about the smart and Intelligent textiles				K3
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Unit - I Non- woven

12 hours

Non – woven – Introduction – definition, classification and scope and application of non-woven – fibres used- web preparation, opening, cleaning machine, production of parallel laid web, cross laid and random laid web.

Unit - II Bonding methods

12 hours

Bonding methods – mechanical, thermal, chemical/ adhesive, melt blown and spun lace techniques. Finishing of bonded fabrics. Fusing –methods of fusing. Braiding – methods of braiding. Netting – methods, lacing.

Unit - III Technical Textiles

12 hours

Technical Textiles – Introduction, definition, scopes & importance and uses. Application of Agro Tech, Build Tech, Cloth Tech, Home Tech.

Unit - IV Technical Textiles and its end uses

12 hours

Indu Tech, Medical Tech, Sports Tech, Pack Tech, Mobile Tech, Protect Tech, Geo Tech. End uses of technical textiles.

Unit - V Smart & Intelligent textiles

12 hours

Smart & intelligent textiles, Smart – Active smart, passive smart & ultra smart, Intelligent – PCM, SMP.

Total Lecture hours – 60 hours

REFERENCE

1. Non woven bonded fabrics – Lunenscholss J and W Albrocht, Ellis Horwood, London 1985
2. Non – Wovens – Arul Dahiya, MG Kamath, Raghavendra R Hedge and Monika Kannadnguli
3. Geo Textiles – NWM John, Blackir London.
4. Textiles – Anand and A.R. Horracks, Textile Institute

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

1. <https://fashion2apparel.blogspot.com/2017/02/seamless-garments-advantages.html>
2. <https://www.fibre2fashion.com/industry-article/7047/seamless-garment-technology>
3. <https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html>

LOCF MAPPING

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

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

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

Course Code: 23U4TFCP07	GARMENT CONSTRUCTION – WOMEN’S WEAR (P)	L	T	P	C
Core Practical – VII		-	-	3	2
Pre-requisite	Basic Knowledge about Construction of Women’s Wear	Syllabus Version		2023-2024	
Course Objectives					
The main objectives of this course are to, 1. Design garments for women wear 2. Impart skills in pattern drafting 3. Construct garments by sewing					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to:					
CO1	Illustrate various silhouette and designs for women’s wear garments.				K6
CO2	Select the necessary tools and equipments for sewing the garments.				K1
CO3	Develop patterns for women’s wear garments.				K2
CO4	Assume the measurement given in the instruction.				K4
CO5	Construct garments based on the measurement by using sewing machine.				K5
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

45 hours

Designing, drafting and constructing the following garments for the features prescribed,

1. Six Gore Saree Petticoat -Six Panel, Frilled Edge
2. Four Gore Saree Petticoat - Four Panel, Frilled Edge
3. Blouse - Front Open, Fashion Neck, Waist Band, Any Sleeve
4. Middi – Waist Band or Elastic, Panel/ Gathered/Circular/Pleated
5. Middi Top – Back or Front Open, Collar, Fashion Sleeve
6. Nighty – With Yoke or Without Yoke, With Sleeve, With or Without Open, Attached Trimmings
7. Night Dress – Front Open, With or Without Collar, Elastic or Cord attached at waist
8. Kurta – Fashioned Neck, Fashioned Sleeve, Side seam slit
9. Salwar – Gathered Waist with Tape or Elastic, Bottom Design
10. Kameez – With or Without Flare, With or Without Panel, Fashioned Neck, Fashioned Sleeve

REFERENCE

1. Mary Mathew, “Practical Clothing Construction” - Part-I & II, Cosmic Press, Chennai, 1986.
2. K.R.Zarapkar , “Zarapkar System of Cutting” Navneet Publication Limited, New

edition- 2017.

3. Juvekar. M.B., “Easy Cutting”, Sahitya Bhavan, 1976.
4. Juvekar. M.B., “Commercial system of cutting”, Commercial Tailors Corporation Pvt, Ltd, Mumbai, 1972.

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

1. <http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827>
2. <https://www.youtube.com/watch?v=FsD-Pc9WPm0>
3. <https://www.youtube.com/watch?v=rJf5Jlpt8j4>

LOCF MAPPING

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

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

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

Course Code: 23U4TFCP08	COMPUTER AIDED DESIGNING (P)	L	T	P	C
Core Practical – VIII		-	-	3	2
Pre-requisite	Basic Knowledge on Computers	Syllabus Version		2023-2024	
Course Objectives					
The main objectives of this course are to,					
1. Create professional designs with computers					
2. Develop garment designs by using various tools and colors in the digital software					
3. Apply the elements principles of design and color harmonies in the garment designs					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to:					
CO1	Create garment designs with different color harmonies in computers	K6			
CO2	Develop garment designs with various elements of design in computers	K6			
CO3	Design garment sketches following the principles of design in computers	K6			
CO4	Create garment designs for various seasons in computers	K6			
CO5	Draft and grade patterns digitally	K6			
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

1. Creating Small Designs/Motifs

9 hours

- a. Designs for Handkerchief
- b. Neckline Designs
- c. Embroidery Designs
- d. Chest Prints for T-shirts

2. Create any one Children garment design from the following list

9 hours

- a. Jabla and Knicker
- b. Baba Suit
- c. Frock

3. Create any one Women garment design from the following list

9 hours

- a. Gown/Maxi
- b. Salwar & Kameez
- c. Midi and Tops
- d. Lehengas

4. Create any one Men garment design from the following list

9 hours

- a. S B Vest

- b. T-Shirt with Bermuda
- c. Shirt and Pant
- d. Kurta & Pajama

5. Create the following list

9 hours

- a. Create logos for a branded company
- b. Create label for garments in a branded company
- c. Prepare charts for production planning and scheduling

Total Practical hours – 45 hours

REFERENCE

1. Eberle Hannelore, “Clothing Technology: from Fibre to Fashion Hardcover” Verlag Europa-Lehrmittel Noun, 2008.
2. P K Sinha, “Computer Fundamentals”, BPB Publications, Delhi, 1992.
3. Harold Carr ad Barbara Latham, “The technology of clothing manufacture”, Blackwell Ltd, 1994.
4. Gerry Cooklin, “Pattern Grading for Women’s Cloths the Technology of sizing”, Blackwell Science Ltd, 1990.

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

1. <https://www.youtube.com/watch?v=iX7O4fNQijA>
2. <https://www.youtube.com/watch?v=8pmgi7q3Gbo>
3. <https://www.youtube.com/watch?v=x8BsIME4gi4>

LOCF MAPPING

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

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

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

Course Code: 23U4TFCP09	DRAPING (P)	L	T	P	C
Core Practical - IX		-	-	3	2
Pre-requisite	Basic Knowledge on Draping in Dress Form	Syllabus Version	2023-2024		
Course Objectives					
The main objectives of this course are to,					
<ol style="list-style-type: none"> 1. Teach the basics prepare the body forms and fabrics for draping 2. Create patterns for basic bodice and skirts using draping method 3. Create patterns for yokes and collars using draping method 					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to,					
CO1	Discover and mark the important structural lines in a dummy form				K3
CO2	Analyze the fabric used for draping process				K4
CO3	Create draped patterns for basic bodice blocks and skirt				K6
CO4	Create draped patterns for types of yokes				K6
CO5	Create draped patterns for types of collars				K6
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

1. Preparation of Body Forms

9 hours

- a. Mark the Chest Line with Style Tape
- b. Mark the Empire/Under Chest Line with Style Tape
- c. Mark the Waistline with Style Tape
- d. Mark the Hip Line with Style Tape

2. Preparation of Fabric

9 hours

- a. Remove creases by ironing the fabric
- b. Straighten the fabric

3. Drape the following Patterns

9 hours

- a. Draping of Bodice Front
- b. Draping of Bodice Back
- c. Draping of Skirt with fullness

4. Drape the following Yokes

9 hours

- a. Simple Yoke
- b. Yoke with Fullness
- c. Yoke without Fullness
- d. Midriff Yoke

5. Drape the following Collars

9 hours

- a. Peter Pan Collar
- b. Mandarin Collar / Shirt Collar
- c. Shawl Collar/Convertible Collar

Total Practical hours – 45 hours

REFERENCE

1. Draping for Apparel Design, 3rd Edition-Helen Joseph and Armstrong, Bloomsbury Academic, 2013
2. The Art of Fashion Draping, Connie Amaded and Crawford, Bloomsbury, Academic, 2018
3. Draping for Fashion Design, HildeJaffe, Prentice Hall, 2000
4. Draping for Apparel Design, Helen Joseph and Armstrong, Bloomsbury Academic, 2008
5. Draping for Fashion Design, Hilde Jaffe and Nurie Relis, Pearson/Prentice Hall, 2005

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

1. <https://www.youtube.com/watch?v=hAvjXU9xrOM>
2. <https://www.youtube.com/watch?v=BhG9Sp3UutI>
3. <https://www.moodfabrics.com/blog/intro-to-draping-dress-form-muslin-basics/>
4. <https://fitnyc.libguides.com/fashiondesign/draping>
5. <https://www.youtube.com/watch?v=-Hriguv4RA>

LOCF MAPPING

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

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

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

Course Code: 23U4TFDE06	a. FASHION MERCHANDISING AND EXPORT MARKETING	L	T	P	C
Elective – IV (Discipline)		3	-	-	3
Pre-requisite	Basic Knowledge Fashion and Consumer	Syllabus Version		2023 - 2024	
Course Objectives					
The main objectives of this course are to, <ol style="list-style-type: none"> 1. Impart knowledge on the underlying concepts of export marketing and fashion marketing 2. To learn with the fashion products, consumer, communications, research and forecasting 3. Describe the role of merchandisers in the garment industry and their types 					
Expected Course Outcomes,					
On the successful completion of the course, student will be able to:					
CO1	Understand the basic concepts of export marketing and fashion marketing				K2
CO2	Describe the types of fashion products and the consumer behavior				K1
CO3	Explain the process of communication, marketing research and forecasting				K1
CO4	Discover the importance of merchandisers and their types				K3
CO5	Interpret types of marketing in fashion industry				K2
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Unit - I Terms in Fashion Industry

9 hours

Definition of fashion, style, classic, fad. Terms related to fashion industry such as Mannequin, Boutique, Collection, Fashion shows, Apparel, Catalogue, Fashion Chic, Haute couture. Fashion-Origin, Principle, components and stages of fashion cycle.

Unit - II Merchandising

9 hours

Merchandising – Definition, types. Fashion merchandising – principles and techniques, Visual merchandising technique, Apparel merchandising – principles and techniques.

Unit - III Retailing

9 hours

Retailing – Types of Retailers – Advertising – Supply chain management. E-Commerce in apparel industry, Brand – Definition. Branding strategies. Samples and types of sample.

Unit – IV Export Marketing

9 hours

Export marketing -Definition, features, importance of export marketing, Distinguish between domestic and export marketing, Cash Compensatory Support, Market Development Assistant, 100% Export Oriented Units, Free trade zone, Duty drawback.

Unit – V Export Policies

9 hours

A.E.P.C.’s function and role in the administration of export entitlement policy export

promotional activities of A.E.P.C, Exim Policies.

Total Lecture hours – 45 hours

REFERENCE

1. Ravichandran.P.S, Siva patha sekaran,“Textile Marketing and Merchandising”,S.S.M. Institute of Textile Technology , Komarapalayam, 2005.
2. Gini Stephens Frings “Fashion from concepts to consumer”, Pearson Pearson Publications,2005.
3. Leslie Davis Buns Nancy O. Bryant “The Business of Fashion “, Fairchild Publications, NewYork 2002.
4. Heannette A Jarrow “Inside the Fashion Business” , Macmillam , Publishing company, NewYork
5. Effective Export Marketing of Apparel – Darlie O. Koshy.
6. Export Marketing – A practical guide to exporters – S. Sivaramu

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

1. <https://www.iknockfashion.com/need-of-trend-forecasting/>
2. <http://www.createafashionbrand.com/the-5-basics-of-trend-prediction/>
3. <https://textilelearner.blogspot.com/2013/10/role-of-merchandiser-in-apparel-industry.html>
4. <https://clothingindustry.blogspot.com/2017/12/merchandiser-merchandising-garment.html>
5. <https://blog.hubspot.com/marketing/what-is-digital-marketing>

LOCF MAPPING

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

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

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

Course Code: 23U4TFDE07	b. FASHION PHOTOGRAPHY	L	T	P	C
Elective -III (Discipline)		3	-		3
Prerequisite	Have basic knowledge in designing	Syllabus Version		2023-2024-	
Course Objectives:					
The main objectives of this course are to:					
<ol style="list-style-type: none"> 1. Gain a better understanding and knowledge in photography. 2. Impart knowledge cameras and its application. 3. Impart knowledge on Photography techniques and equipment . 					
Expected Course Outcomes:					
On the successful completion of the course, student will be able to:					
CO1	Select the basic principle and needs of photography.				K2
CO2	Classify the photography used in different fields.				K5
CO3	Create technique used in developing photo copies.				K2
CO4	List of cameras used in industry.				K6
CO5	Develop Photography using digital cameras.				K1
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create					

Unit: I Photography

9 hours

Photography - Basics – General Principle – Rules – indoor Photography – Needs and methods lighting techniques for indoor photography – methods and equipment’s – advantage and disadvantages – out door photography –methods – lighting techniques – methods and equipment’s – comparison of outdoor photography with indoor.

Unit: II Camera definition

9 hours

Camera definition – parts of camera – Classification ad types of camera – Applications Disadvantages.

Unit: III Photography Techniques

9 hours

Photography techniques and equipment for different fields. Modelling, News paper, Magazines – occasions – Fashion shows.

Unit: IV Photography Developing

9 hours

Developing – Definition – Different techniques in developing. Printing – definitions – Methods of printing for Black & White color.

Unit: V Digital cameras**9 hours**

Photography using digital cameras – Video photography – image mixing – applications of computers in photography

Total Lecture hours - 45 hours**Text Book(s)**

1. W.R. Miller, “ Basic Industrial Arts, Plastics, Graphics Arts, Power Mechanics, Photography”, McKnight Publishing Company, Illionois, 1978.
2. John Hedge, “ Photography Course”, John Hedge Co, 1992.
3. Jenny Devis, “A Complete Guide to Fashion designing”, Abishek, Publications, 2007
4. Art and Fashion in Clothing Selection – Mc Jimsey and Harriet, Iowa State University Press, Jowa,1973.

Reference Books

1. Photography in fashion Styles – Frings Gini Stephens, Navneet publications Ltd ,1994, US, 2001.
2. Inside the Fashion Business – Kitty G. Dickerson, Pearson Education, US, 2007.

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

1. <https://www.photographysearch.com/terms/index.htm>
2. <https://www.instyle.com/cameras>
3. <https://prezi.com/1tlwgnhviqs-/fashion-elements-and-fashionphotography-of-design/>

LOCF MAPPING

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

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

SEMESTER - V

CORE VI

Knowledge and skills in manual pattern

Course Objectives:

- 1 The main objectives of this course are to:
- 2 Acquire skills in developing patterns through computer software.
- 3 To understand the basics of CAD software
- 4 Drafting, Grading and Marker planning of garment patterns using new advance software.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

- 1 Draft the pattern for various kid's, women's and men's wear
- 2 Grade the pattern blocks into various sizes.
- 3 Create marker planning for the pattern for cutting with higher efficiency

P1 – Imitation; P2 – Manipulation; P3 – Precision; P4 – Articulation; P5 – Naturalization.

Unit: 1 Introduction to computers

Introduction to computers –Organization of Computers –Input Unit, Output Unit, Central Processing Unit ,Memory Devices, Working Principles of Printer-Scanner, Digitizer & Plotter

Unit: 2 Computer Applications in Textile Designing

Computer Application in Textile Designing- Weaving- Softwares used – Types of woven Design-Dobby and Jacquard- Techniques Used. Knitting - Softwares used – Types of knitting. Printing – Creation of Printed Design – Simulation Technique.

Unit: 3 Computer Applications in Fashion Designing

Computer Application in Fashion Designing-Design Creation- Theme Rendering- 3D Modeling- Body Scanning-Texture Mapping-Design Studio- Fashion Studio- Fashion Multimedia Concepts

Unit: 4 Computer Applications in Pattern Making

Computer Application in Pattern Making- Process involved in Pattern Making Grading-Marker Planning-Laying-Cutting- Labeling-Duplicating. Computerized Sewing Machine

Unit: 5 Computer Aided Manufacturing

Computer Aided Manufacturing – Concepts of Computer Integrated Manufacturing – Definition and Functions of CAD, CAM, CIM, CAA, PDC. Computerized Embroidery

Machines. Computerized color Matching System. Brief study of Designing Software used in textile industry.

Contemporary Issues

Expert lectures, online seminars – webinars

Text Books

- 1 Pattern Cutting For Clothing Using Cad: How To Use Lectra Modaris Pattern Cutting Software - Stott M, Woodhead Publishing Ltd, 2012
- 2 Pattern Cutting And Making Up Revised Edition - Shoben M M , CBS Publishers and Distributors, 2000
- 3 Computer Aided Design & Manufacturing (Test CAD Programs Inside), Sadhu Singh, Khanna Publications, 1998.

Core VII

Basic knowledge in garment production processes

Course Objectives:

1. To impart knowledge & understanding of chemistry, mechanism & application process of various textile finishes.
2. It aims to enhance the awareness of future trends in textile finishing.
3. To impart the knowledge about finishing methods of fabric based on their function.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Distinguish the method & application of finishes on different textile substrates.
2. Generalize the process sequence of mechanical finishes on textile materials.
3. Interpret the functional finishes on textile materials
4. Infer about the advanced finishes carried out on textiles
5. Discover the special finishes on textile materials.

Unit:1 Finishing

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

Unit:2 Mechanical Finishing

Mechanical Finishes- Sanforizing, Calendaring, Moiering, Embossing, Glazing, Raising, Napping, milling.

Unit:3 Functional Finishing

Functional Finish - Resin finish, Water Proof finish, Water Repellent finish, Anti-microbial finish, Flame Retardant finish, Soil Release finish - Process and Recipe.

Unit:4 Advanced Finishes

Advanced Functional Finish - Stiff finish- Process and Recipe, Softening - Silicone finish, Denim finish, Stone Wash finish.

Unit:5 Special finishes

Special Finishes on Garments – Finishing of Woven/ Knitted garments –Water resistant Breathable finish, Bio polishing, Leathery Finish, Protective Finishes –Deodorizing, Cool Finish and Thermo stat finishes.

Text Book(s)

- 1 Shenai and Saraf. 1995. Technology of Textile Finishing. Sevak Publications.
- 2 Nallangilli and Jayaprakasam. 2005. Textile Finishing. S.S.M Institute of Textile Technology.
- 3 Prayag. 1996. Technology of finishing. Shree J. Printers, Pune

Related websites

- 1 <https://nptl.ac.in/courses/116/102/116102054/>
- 2 https://ugcmoocs.inflibnet.ac.in/ugcmoocs/view_ug.php/130

22U5TFA04

APPAREL COSTING & MERCHANDISING

ALLIED-IV

Basic knowledge in garment production processes

Course Objectives:

The main objectives of this course are to:

1. Impart learning about principles of costing and budgeting
2. Impart learning about costing procedure for various garment styles
3. Impart learning about costing procedure for export and domestic products
4. Instruct about roles & responsibilities of merchandiser
5. Describe about planning & programming in execution of an order

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Infer about the elements of cost in pricing apparels
2. Generalize the process involved in budgeting.
3. Estimate the fabric cost in apparel production
4. Summarize order sheet and maintain record in garment production unit.
5. Prioritize the promotional aids for retail and whole sale apparel marketing

Unit:1 Elements of Cost

Principles of costing - requirements of good costing system - cost unit - types of costs - Elements of cost - direct material cost - direct expenses - direct wages - indirect materials – indirect expenses- indirect labour-overheads—prime cost-work cost-cost of production – total cost. INCO terms & its relationship with costing

Unit:2 Budgeting

The budgeting process: Budgeting principles for the apparel industry- Fixed vs. variable budget -Master budget-laminations of budgets- any justification effort -Planned Vs Actual Cost.

Unit:3 Fabric Cost Estimation

Cost estimation of yarn, knitted fabric, dyeing, printing & finishing. Woven Fabric Costing: fabric types, yarn consumption, weaving price Cost estimation for cutting, stitching, checking, packing, forwarding, shipping, and insurance.

Unit:4 Order Sheet & Documentation

Order sheet and its contents – Packing list and its contents – Document formats: order sheet, packing list, invoice, inspection and testing reports etc., - Assortment and its types.

Documents recording and maintenance – Claims and reasons for claims - Factory audits – Buyer’s code of conducts.

Unit:5 Product Promotion

Advertising- scope, importance, types, merits & demerits; sales promotion, personal selling. Retail management. Export associations – Apparel Export Promotion Council – Journals and magazines related to apparel and textiles –Trade shows and Fairs – Participation in trade shows – Advantages of trade shows and fairs - Apparel & Textile Trade shows and fairs in India.

Text Book(s)

1. Apparel Costing, M. Krishnakumar, Abhishek Publications 2015
2. Apparel Costing, Andrea Kennedy, Andrea Reyes, Francesco Venezia, Bloomsbury Visual Arts, 2020
3. Apparel Costing, A functional Approach, Krishnakumar, M, Abishek Publications, Chandigarh, 2012

Related websites

1. <https://www.toppr.com/guides/fundamentals-of-accounting/fundamentals-of-cost-accounting/elements-of-cost/>
2. <https://corporatefinanceinstitute.com/resources/knowledge/finance/budgeti/>
3. <https://efinancemanagement.com/budgeting>
4. <https://theinvestorsbook.com/pricing-methods.html>
5. <https://www.yourarticlelibrary.com/marketing/pricing/pricing-objectives-top-5-objectives-of-pricing-explained/48639>

Core Practical- IX**Gain Practical insights of the industry / company****Course Objectives:**

The main objectives of this course are to:

1. Expose the students to the work environment
2. Familiarize and adapt to the workplace
3. Understand the methods, techniques and practices followed in the place of training

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Generalize working structure of the industry/ company
2. Analyze the methods adopted in the training place
3. Recognize the challenges in the training place
4. Discover the nuances of the workplace and appreciate it

No CIA, Report: 80 marks and Viva: 20 marks

Details of the Training

The student should undergo 15 Days Internship training in a Textile Processing Unit/ Designer House / Buying House/ Garment Unit / Retail house after IV semester theory exam / before the start of Fifth Semester (Total Marks – 50, No CIA, Report: 80 marks and Viva: 20 marks)

Purpose of the Internship Training

The training bridges the gap between the theoretical knowledge gained in the college and the practical application of the same in the industry / company / stores The student will have a better exposure about the workplace and its nuances

Process to be Followed

Students can identify their area of interest. Industry / companies have to be identified and a profile of the company has to be analysed at least a month earlier. Contacts can be established by the guides allotted to the student. Prior permission has to be obtained from the place of training. After confirmation, the student will undergo training for a period of 15 working days.

Instructions to the Students

The students should abide by the rules and regulations of the concern and get the maximum benefit from the training. The students should maintain a daily logbook where the

student should record his details of the training. A copy of the record has to be sent to the supervisor allotted to the student. The logbook must be signed (with seal) by the staff of the company. Based on the study done, the student will submit a report to the guide within a weeks' time along with the logbook. In case of any problems, the student should reach out to the supervisor immediately

Instructions to the Supervisor

The supervisor should establish contacts with the place of training. A routine follow up has to be done with the student once in two or three days. Problems, if any faced by the student should be sorted out immediately.

Training Report and Presentation

Training Report (30 – 50 pages) should be prepared by the student and submitted in a month's time. At the end of the semester student should present the report with a power point presentation

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

- 1 <https://www.wikihow.com/Write-a-Report-After-an-Internship>
- 2 <http://mfe-iseah-kef.blogspot.com/2013/11/internship-daily-journal.html>
- 3 https://www.academia.edu/25257761/Student_Internship_Logbook
- 4 <https://www.indeed.com/career-advice/career-development/how-to-write-an-internship-report>
- 5 <https://valenciacollege.edu/students/internship/documents/ActivityLog.pdf>
- 6 <https://www.template.net/business/log/internship-time-log/>

Core- Practical VIII**Knowledge and skills in Computerized Designing****Course Objectives:**

The main objectives of this course are to:

1. Acquire skills in developing patterns through computer software.
2. To understand the basics of CAD software
3. Drafting, Grading and Marker planning of garment patterns using new advance software.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Draft the pattern for various kid's, women's and men's wear
2. Grade the pattern blocks into various sizes.
3. Create marker planning for the pattern for cutting with higher efficiency
 - Draw the dress design using Corel draw software
 - Draw the dress design using adobe photoshop software

Children's wear

Draft and grade patterns for the following garments. Create marker plans and conduct fit analysis for the following garments

- Yoke frock
- Baba suit
- Summer frock
- Skirt and tops

Women's wear

Draft and grade patterns for the following garments. Create marker plans and conduct fit analysis for the following garments

- Salwar
- Kameez
- Tops
- Nighty

Men's wear

Draft and grade patterns for the following garments. Create marker plans and conduct fit analysis for the following garments

- Full sleeve shirt
- T-Shirt
- Bermudas
- Pleated trouser

REFERENCE

1. <https://medcraveonline.com/JTEFT/various-approaches-in-pattern-making-for-garment-sector.html>
2. https://www.youtube.com/watch?v=jTWtQNTJt_A
3. <https://www.youtube.com/watch?v=iX7O4X7O4fNQijA>

22U5TFCP10

MENS APPAREL PRACTICAL

Core Practical-X

Basic Knowledge about Men's apparel designing

Course Objectives:

1. To impart the practical knowledge in pattern drafting & garment construction skill in men's wear for the Students.
2. To develop creative skills in designing & constructing men's wear for different age group
3. List the measurements required and materials suitable.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Design and generalize the measurements for the various men's garments.
2. Prepare patterns and calculate material requirement for the designed men's wear.
3. Construct the designed men's garment and calibrate the cost of the garment.
1. S.B.Vest – with/ without collar, button attached, sleeveless
2. Slack shirt – full open, shirt collar, patch pocket,
3. Nehru kurtha –stand collar, side pocket, half open
4. Pyjama- Elastic /Tape attached waist.
5. Pleated trousers – pleats in front, Darts at back, side pocket, fly with button/zip.
6. T-Shirt – open collar, zip attached
7. Bermudas –patch pocket

Text Book(s)

1. Practical Clothing Constructing-Part I and II, Mary Mathews, Cosmic Press, Chennai(1986)
2. Zarpker System of Cutting- Zarpker. K. R, Navneet Publicationsltd.

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

1. <https://shoeguide.com/>
2. <https://www.patternsonline.com-default.aspx>

22U5TFE01

ENTREPRENEURSHIP DEVELOPMENT OF SKILLS

MBEC-I

Basic knowledge about apparel business Opportunities

Course Objectives:

The main objectives of this course are to:

1. Familiar the students with challenges of starting new ventures
2. Enable them to investigate, understand and internalize the process of setting up a new business.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Outline the concept of entrepreneurship and traits of entrepreneur
2. Identify a project and formulate a project report.
3. Appraise the formalities of SSI's Registration for an enterprise
4. Identify the Sources of Finance and Institutional Assistance for small scale industries.
5. Infer about entrepreneur, Incubation centers and start up in India

Unit:1 Introduction to Entrepreneurship

Entrepreneurship: Concept and Definitions; Entrepreneurship and Economic Development; Classification and Types of Entrepreneurs; Entrepreneurial Competencies; Factor Affecting Entrepreneurial Growth – Economic, Non-Economic Factors; EDP Programmes;

Entrepreneurial

Training; Entrepreneur; Manager Vs. Entrepreneur.

Unit:2 Starting the venture

Project Identification – Project formulation – Project design - preparing project report – Project Planning and Scheduling using Networking Techniques of PERT / CPM; Methods of Project Appraisal.

Unit:3 SSI and Registration

Small Enterprises and Enterprise Launching procedures and Formalities Role of SSI in Economic Development of India; SSI; Registration; NOC from Pollution Board; project report presentation guidelines

Unit:4 Sources of Finance and Institutional Assistance

Role of Support Institutions and Management of Small Business: Director of Industries; DIC; SIDO; SIDBI; Small Industries Development Corporation (SIDC); SISI; NSIC; NISIET, NIESBUD; TANSIDCO; TIIC; State Financial Corporation; KVIC

Unit:5 Financial incentives for SSI

Financial incentives and subsidies for SSI's, and Tax concessions; – seed capital assistance –
Role of entrepreneur in export promotion and import substitution – Social Entrepreneur,
Incubation centre, Startup India

Text Book(s)

1. Entrepreneurial Development, Dr. C.B. Gupta, Sultan Chand & Sons, New Delhi, 2009
2. Entrepreneurial Development, Dr.S. S Khanka, Sultan Chand & Sons, New Delhi, 2009.
3. Entrepreneurship Development and Small Business Enterprises, Charantimath, Poornima, Pearson Education, New Delhi, 2006
4. Entrepreneurship New Venture Creation, David H. Holt, Prentice Hall of India Private Limited, New Delhi, 2005

Related Websites

1. <https://www.researchgate.net/publication/259843889>
2. <https://ncert.nic.in/textbook/pdf/kebs109>.

SEMESTER-VI

Basic knowledge about knit fabric**Course Objectives:**

1. To impart knowledge on woven fabrics
2. To help students understand fabric formation process.
3. To impart knowledge on woven fabric Designs and Structures. The main objectives of this course are to
4. Identify the loop structure of the fabric
5. Identify different types of knitted fabric sample
6. Identify fabric defects, its cause and work on the remedies

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Discover loop structure and graphical representation of weft knit fabrics
2. Determine the loop structure and graphical representation of warp knit fabrics
3. Classify the different defects from the knitted fabrics.

Unit-I Different fabric forming methods

Different fabric forming methods-Comparison of weaving and knitting- Principles of weft and warp knitting – Comparison of weft and warp knitting – Classification of knitting machines - Yarn passage diagram of a circular knitting machine – Knitting machine elements and description - Knitting cycle of latch needle with sinker.

Unit-II Knitting terms and definitions

Knitting terms and definitions - Principal weft knit stitches - Knit, tuck and miss stitch formation and properties - Representation of weft knit stitches – Study of Basic weft knit structures - Needle gating - Description of circular Rib & Interlock knitting machine – Characteristics of basic weft knit structures – Circular knitting GSM and production calculations.

Unit-III Single jersey knit fabric structures

Single jersey knit fabric structures, their cam and needle order: Plain jersey, Pique, Thick pique, Honey comb, Pearl and Twill. Rib fabric structures, their cam and needle order: 1x1 rib, 2x2 rib, Drop needle, Royal rib, Polka rib, Double half cardigan, Double cardigan, Milano rib, Waffle, Flat back, Swiss double pique and French double pique. Interlock fabric structures, their cam and needle order: Interlock, eight lock, Ottoman rib, Pin tuck, Texi pique and Ponte di Roma.

Unit-IV Jacquard knitting

Jacquard knitting - Needle selection techniques – Pattern jack, Pattern wheel, Pattern drum and Computerized jacquard knitting machines – Brief study on specialty weft knit structures – Auto stripe yarn programming – Elastomeric yarn insertion and effects – Knitted fabric faults – Causes and Remedies.

Unit-V Flat Knitting

Flat Knitting – Yarn passage diagram of a flat knitting machine – Mechanical type Flat knitting machine - Needle bed assembly – Racking, Carriage and Cam box arrangement - Transfer Stitch and Drop Stitch – Thread diagram, effects and applications – Introduction to computer controlled Flat knitting machine. Concept of fully-fashioned machines and seamless knitwears. Introduction to warp knitting – Warp knitting terminologies – Open lap and closed lap. Knitting action of Tricot and Raschel machines. Comparison of Tricot and Raschel machine.

Text Book(s)

1. D.B. Ajgaonkar, Knitting Technology
2. David .J.Spencer, Knitting Technology
3. Chandrasekara Iyer et al., Circular knitting technology
4. Dr.Samuel Raz , Flat Knitting
5. Dr.S.Raz, Warp Knitting Technology
6. Peter Lord et al., Fabric forming systems

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

1. <https://textilelearner.blogspot.com/2013/01/faultsdefects-in-knitted-fabrics.html>
2. <https://sciencedirect.com/topic/engineering/knitting-technology>
3. <https://nptl.ac.in/course/116/102/116102008/>

Allied-5**Basic knowledge in textile fibers, yarns & fabrics****Course Objectives:**

1. The main objectives of this course are to:
2. Instruct about various test for yarns, fabrics & garments
3. Describe about various levels of inspection & its procedure in apparel production
4. Describe about various norms & standards followed in testing and inspection

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Outline the testing procedure for various yarn parameters
2. List out the specifications for various woven & knitted fabrics
3. Differentiate the various systems used for fabric inspection
4. List out the possible defects and its causes in apparel production
5. Differentiate the categories of defects in garment and the various standards followed in apparel testing

Unit:1 Yarn Testing

Importance of Quality. Quality terminologies. Testing: Objectives of Testing - atmospheric conditions for testing lab. Identification of textile fibers. Yarn numbering systems – Determination of yarn count. Yarn strength testing & CSP. Testing of yarn evenness, yarn twist & Hairiness measurement

Unit:2 Fabric Testing

Knitted fabric specifications – Testing of Dimensional stability, Spirality & Bowing. Testing of colour fastness to washing, rubbing, perspiration & light - Grey scales and ratings. Brief study about testing of woven fabric.

Unit:3 Raw material Inspection

Inspection: Incoming and raw material inspection: Fabric inspection – 4-point system. In process/ online inspection: Advantages – On line inspection during spreading, pattern making, cutting, sewing and ironing. Final inspection: Sampling plans and AQL charts – Level of final inspection. Packing & packaging mquality tests. Care labeling and international care symbols.

Unit:4 Principles of TQM

Principles of TQM – Deming’s PGDCA Cycle - KAIZAN concepts – 5 „S“ applications in apparel industry. Application of seven QC tools in apparel industry.

Unit:5 Final Inspection & Standards

Understanding of ISO 9001:2000 standards: QMS, management responsibility, resource management, product realization and measurement analysis & improvement – Various documents required for ISO 9001:2000 implementation and its contents – Development of quality system manual for garment industry. Documented procedures required for ISO 9001:2000 implementation – Procedures for internal quality audit – Management review meeting – Certification process – Surveillance audit.

Text Book(s)

1. Physical Testing of Textiles, 1st Edition, B P Saville, Woodhead Publishing, 1999
2. Managing Quality in Apparel Industries, Pradeep V Metha & Satish K. Bhardwaj, NIFT, 1998
3. Stamper, Evaluating apparel quality, Sue Humphries Sharp, Linda Donnell & Anitha A Fairchild Books, 1991
4. Textile Testing, Arindam Basu, South India Textile Research Association, 2006

Related websites

1. <http://textilemerchandising.com/quality-assurance-and-quality-control/>
2. <https://insight-quality.com/garment-quality-control-procedures/>
3. <https://garmentsmerchandising.com/acceptable-quality-level-apparel-industry/>
4. <http://texhour.com/aql-and-type-of-defects>

22U6TFCP11

ACCESSORIES MAKING PRACTICAL

Core Practical-XI

Basic knowledge about Accessories Making

Course Objectives:

1. To provide opportunity for skill development in designing accessories.
2. To impart knowledge on fashion accessories & creativity.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Produce the hand and machine embroidery samples
2. Prepare decorative samples using beads or mirrors or sequins or etc.,
3. Develop complex fashion accessories by learning to design different accessories manually

List of Experiments

- Hand bag – Any three types
- Hat – Any two types
- Bow – Decorative bow and formal bow
- Belt – For boy and girl
- Foot wear – Any three types 6.Purse and pouches – Any two types
- Hair band and head bands – Any four types
- Watches – Any two types

Text Book(s)

1. “Quick style”, by- Christine Kunzerlman
2. 1000 Ideas by fashion designers Carolina Cerime
3. 150 Beaded & motifs Kenneth D King
4. 21st Century Jewellery Mrthe Le Van
5. Accessories options : Shrugs scaxues stoles

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

- <https://sueguide.csom/smocking/>
- <https://www.youtube.com/watch?v=nJz9c8gEvFg>

22U6TFE02 INTERNATIONAL TRADE AND DOCUMENTATION

MBEC II

Basic Knowledge in International trade Syllabus

Course Objectives:

1. To study the Trade procedures and documentation formalities are a critical part of International Business Management.
2. This subject aims at imparting knowledge of trade procedures and documentation formalities.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Outline export promotion council procedures for firm establishment.
2. Infer about the implications of foreign trade policy and its documentations.
3. Generalize the import trade procedures and documentation.
4. Summarize the procedure and formalities of shipment and customs.
5. Interpret the payment procedures and delivery formalities.

Unit: 1 Firm Establishment

Firm establishment: introduction – export promotion councils and their role – registration Formalities - RCMC –IE code – RBI code – garment classification and categories for various countries – quota – quota distribution methods – quota transfer.

Unit: 2 Foreign Trade Documents

Foreign trade documents: need, rationale and types of documents relating to goods – invoice – packing note and list – certificate of origin – certificate relating to shipments – mate receipt – shipping bill – cart ticket – certificate of measurement – bill of lading – air way bill – documents relating to payment – letter of credit – types of L/C - bill of exchange – letter of hypothecation – bank certificate for payment – document relating to inspection – certificate of inspection – GP and other forms.

Unit: 3 Import Procedure

Import procedure : import license – procedure for import license – import trade control regulation procedure – special schemes – replenishment license – advance license – split up license – spares for after sales service license – code number – bill of entry

Unit: 4 Shipment & Customs

Shipment and customs: Pre-shipment inspection and quality control – foreign exchange formalities – Pre-shipment documents - documentation terms - excise and customs clearance of export cargo – shipment of goods and port procedures – customs clearance of import

cargo. Post – Shipment formalities and procedures – claiming duty drawback and other benefits.

Unit: 5 Payment and Deliveries

Payment and deliveries: terms of delivery– INCO terms – EXW – FCA – FOB – CFR – CIF – CPT – DAF – DDP – DDU. Terms of payment – open account – cheque – cash payment against documents – bank payment against documents (LC) – security and Cost of various payment terms – Assessing the risk in payment – role of ECGC and standard policy.

Text Books

- International Trade and Documentation, Edward G Hinkelman, Publisher: World Trade Press 2001.
- Streamline Your Export Paper Work, Bose. A., Published by International Trade Form, Oct – Dec 1965.
- Export and Import Management, Aseem Kumar, Excel Publications, 2007.

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

1. <https://www.marketresearchreports.com/apparel-retailing>
2. <https://smallbusiness.chron.com/analysis-retail-apparel-industry-70514.htm>
3. <https://www.marketresearch.com/Consumer-Goods-c1596/Consumer-Goods-Retailing-c80/Apparel-Retailing-c1093/>

22U6TFSP02 FASHION PORTFOLIO PRESENTATION-PRACTICAL

SBEC II

Knowledge in creating various garments Syllabus

Course Objectives:

The main objectives of this course are to:

1. To design and execute an organized collection of creative works
2. To make original works of art that demonstrates effective use of design principles, appropriate crafts man ship and technique.
3. Design collections by fulfilling the objectives of the client and user requirements.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1. Select a theme for different garment categories.
2. Create different portfolio boards for selected theme.
3. Construct the garments for all deigned categories.

Portfolio Presentation and Design Collection

Part A

- Portfolio Presentation - with Customer profile, Inspiration board, Mood Board, Colour board, Flat Sketch board, Illustration board, Swatch board, Trim board, Accessory board- for the following collection
- Fashion Show- with a theme – one ramp set
- Winter collection - 3garments
- Summer Collection -3 garments

Note

- Customer profile: capture photograph of your customer.
- Inspiration board: Image collection from books and magazines by scanning, Photography and drawing, use of objects for mood creation
- Mood board: develop a theme based on group discussion, mind mapping, brain storming.
- Colour board: spotting theme board, mood board and inspiration board arrive the color board.
- Flat sketch board: Develop front, side and back views

Part B

- Construct the garments for all the above categories
- Contemporary Issues
- Expert lectures, online seminars – webinars

Text Books

1. Portfolio Presentation for Fashion Designers, Linda Tain, Fairchild Publishers (1998)
2. Fashion Design Drawing and Presentation, Patrick John Ireland, B T Batsford Ltd, 2006
3. Creative Fashion Presentation, Polly Guerin, Fairchild Publishers, 1987
4. New Encyclopedia of Fashion Details, Patrick John Ireland, Publisher: Pavilion Books, 2008
5. Check and Stripe: A Design-Source Book 2, Kyoto Shoin Company Ltd. 1992

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

- 1 https://issuu.com/theodoracucu/docs/portfolio_internship_ba

22U6TFSP03

BEAUTY CARE PRACTICAL

SBEC-III

Basic Knowledge about Makeup

Course Objectives:

- Produce a capable & skillful workforce as required by the prevailing market demands.
- Equip the trainees with skills & knowledge to ensure adherence to safety measures in saloon.
- Select, operate and handle equipment according to the professional standards

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

- Create various techniques used in beauty care
- Design traditional and modern style makeup using different equipments.
- Practice beauty techniques and procedures for different occasions.

P1–Imitation; P2–Manipulation; P3 –Precision; P4 – Articulation; P5 – Naturalization.

Following Experiments

1. Different types of haircuts, cutting techniques & blow drying of hair.
2. Traditional hair styling techniques- Rolls, Braids, interlocks, Twisting styles.
3. Henna designing, Tattoo designing & saree draping (4styles).
4. Basic Nail art techniques.
5. Facial -Skin analysis, cleaning & facial with different equipments, application of different types of packs & masks according to the skin types.
6. Different types of makeup - Daytime, Evening, Party & Bridal.
7. Pedicure & manicure.
8. Threading & waxing
9. HD- Make up

Text Books

- Complete Beautician Course by Renu Gupta
- Be your own Beautician by Parvesh Handa
- Advance makeup and hairstyle by Urvashi Dave

Related Online Contents

1. <https://bit.ly/2DB2WQM>
2. <https://youtu.be/sYoz3G2OH5g>
3. https://youtu.be/_o9cpvQPqBY