B.SC., FASHION TECHNOLOGY

SYLLABUS

AFFILIATEDCOLLEGES 2026–2027 Onwards

MANONMANIAMSUNDARANARUNIVERSITY

TIRUNELVELI

OUTCOMEBASEDEDUCATION-CHOICEBASEDCREDIT SYSTEM

VISION AND MISSION OF THE UNIVERSITY

Vision

"To provide quality education to reach the un-reached"

Mission

*To conduct research, teaching and outreach programmes to improve conditions of human living.

*To offer a wide variety of off-campus educational and training programs, including the use of information technology, to individuals and groups.

*To develop partnership with industries and government so as to improve the quality of the workplace and to serve as catalyst for economic and cultural development

*To provide quality / inclusive education, especially for the rural and un-reached segments of economically down trodden students including women, socially oppressed and differently abled.

PREAMBLE

The present curriculum of B.Sc., Fashion Technology 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, marketing and hard skill in textile and fashion industry.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

In alignment with the Vision and Mission of the University, the following have been defined as the PEOs for the graduates.

PEO1: Developing strong positive attitude to learn in dependently the concepts in the field of study.

PEO2: Ensuring confidence among the learners to apply the knowledge and skills gained to solve real life issues.

PEO3: Habituating ethical values among the learners to succeed in personal and professional life.

PROGRAMME OUTCOMES (POs)

After the successful completion of Undergraduate Programme from the University, the learner should be able to

PO1: Comprehend the knowledge acquired and communicate the same to others.

PO2: Analyze and compare the factual data/situation to comprehend and to critically evaluate to find solution to the problem ahead.

PO3: Apply theories and philosophies learned in solving the problem in scientific manner.

PO4: Think reflectively on the earlier activities and attempt for self-directed lifelong learning process.

PO5: Understand multicultural existence and identify the means to prolong moral/ethical values in personal and professional life.

PO6: Explore through multiple sources and get exposed to the digital technology.

PO7: Act as a responsible member in teams and practice leadership qualities.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

On successful completion of Bachelor of **Fashion Technology** programme, the student should be able to:

PSO1: Disciplinary Knowledge: Understand the fundamental principles, concepts, and theories related to physics and computer science. Also, exhibit proficiency in performing experiments in the laboratory.

PSO2: Critical Thinking: Analyze complex problems, evaluate in formation, synthesize

information, apply theoretical concepts to practical situations, identify assumptions and biases, make informed decisions and communicate effectively.

PSO3: Problem Solving: Employ theoretical concepts and critical reasoning ability with physical, mathematical and technical skills to solve problems, acquire data, analyze their physical significance and explore new design possibilities.

PSO4: Analytical & Scientific Reasoning: Apply scientific methods, collect and analyses data, test hypotheses, evaluate evidence, apply statistical techniques and use computational models.

PSO5: Research related skills: Formulate research questions, conduct literature reviews, design and execute research studies, communicate research findings and collaborate in research projects.

PSO6: Self-directed & Lifelong Learning: Set learning goals, manage their own learning, reflect on their learning, adapt to new contexts, seek out new knowledge, collaborate with others and to continuously improve their skills and knowledge, through ongoing learning and professional development, and contribute to the growth and development of their field.

PSO7: Employability and Entrepreneurship: Develop skills for employability, entrepreneurship, and career readiness in industry, education, and technology-driven sectors.

COURSE OUTCOMES (COs)

Four Course Outcomes (COs) for each course that can be achieved by the learners on completion of that particular course are as follows:

Considering out comes related to

i. K1 andK2levelofevaluation inalltheUnitsasCO1
ii. K3levelofevaluationinallthe UnitsasCO2
iii. K4levelofevaluationinallthe UnitsasCO3
iv. K5andK6levelofevaluation inalltheUnitsasCO4.

0-NoContribution 1-LowLevel 2-MediumLevel 3-HighLevel

Mapping of Course Outcomes (Cos) with programme outcomes (Pos) and programme Specific Outcomes (PSOs) can be carried out accordingly, assigning the appropriate level in the grids:

PROGRAMME DETAILS:

	POs							PSOs						
	1	2	3	4	5	6	7	1	2	3	4	5	6	7
CO1														
CO2														

CO3														
CO4														

ELIGIBILITY CRITERIA

CandidateshouldhavepassedtheHigherSecondaryExaminationconductedbytheboard 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.

MEDIUM OF INSTRUCTION

The medium of instruction as well as examination will be in English.

DURATION OF THE PROGRAMME

The students shall undergo the prescribed course of study for a period of not less than three academic years (Six semesters). Each semester contains 90 working days.

EXAMINATION SCHEME:

* **Theory Marks**25:75

Distribution of marks between Internal and External Assessment for skill enhancement-elective Courses- 25: 75

* **Practical Marks**50: 50

Pass minimum of 40%for external and overall components.

1. Internal Assessment.

The average of the best two tests from three compulsory tests. Each test is of one hour duration	20marks
Assignment	05marks
Total	25Marks

2. Internal Marks for Practical shall be allotted in the following manner

Practicals done in the class should be recorded. Students who have Samples and bona fide record should be permitted to appear for the practical examination.

Experimental work	25marks
Samples and Record	25marks
Total	50marks

3. Marks for Major Project and viva-voce shall be allotted in the following manner

Internal Marks: 50; External Marks: 50

Internal Marks for Project:

Samples	25marks
Project report	25marks
Total	50marks

External evaluation of Project:

Project report evaluation and Viva-Voce will be conducted by both the External examiner and the Guide at the end of the semester.

Question paper pattern for all theory papers:

Duration of Exam: 3 Hours

Section	Type of questions	Mark Distribution
Part A	Ten Multiple choice question (Two question from each unit compulsory)	10x1=10Marks
Part B	Five Internal Choice questions (One question from each unit: either or choice)	5x5=25 marks
Part C	Five Internal Choice questions (One question from each unit: either or choice)	5x8=40 marks
	Total	**75 Marks**

Model Question Paper:

APPAREL PRODUCTION MANAGEMENT
(For those who joined in July 2026onwards)

Time:3hours **Maximum:75marks**

	Part-A(10×1=10marks) **Answer All questions**	
1	Factory layout is also known as____. a)production design b)product design c)combined layout design d)facilities designing	K1

2	Different production systems are_____. a) batch b)group c)individual system d)all the above	K2
3	Plant layout is the physical arrangement of_____. a) building b)machinery c) Equipments work places d)all the above	K2
4	Which type of production gives large quantity? a) continuous b) intermittent c)batch d) none of these	K1
5	Which one refers to final inspection of packaging? a) trimming b) finishing c)quality control d)making up	K1
6	PPC stands for _____. a) production, profit and control b) production, planning and control c) production, profit and customer d) production, planning and customer	K2
7	A detailed plan of operations for some specific future period is called _____. a) forecast b)budget c) costing d)shipping	K1
8	_____Is a global career that predicts and focuses on upcoming trends. a)price forecasting b)fashion forecasting c)rate forecasting d)charge forecasting	K3
9	Well coordinated department activities_____. a)make profits b)avoid rejections c)increase productivity d)None of the above	K2
10	____Is a global career that predicts and focuses on upcoming trends. a)price forecasting b)fashion forecasting c)rate forecasting d)charge forecasting	K3
	PART-B(5x5=25Marks) Answer ALL the questions choosing either (a)or(b)	
11	a) Explain the function of the organization Structure. (or) b) Give a short note on the combination layout.	K2
12	a) Write about the batch system (or) b) Define individual part system.	K4
13	a) Write about planning process involved in fabric storage (or) b) Enumerate the production schedule for men's wear	K3
14	a) Explain maintenance schedule for preventive maintenance (or) b) Explain estimation of labor requirements	K6
15	a) Discuss about closed job shop (or) b) Write about forecasting	K2

	PART-B(5x8=40Marks) Answer ALL the questions choosing either (a)or(b)	
16	a) Describe types of plant layout (or) b) Write notes on types of organizational structure.	K4
17	a) Explain about synchronized straight line products (or) b) Elaborate on different production systems	K5
18	a) Enumerate the production schedule for women's wear (or) b) Compare production schedule for woven and knitted garment	K5
19	a) Give the method of estimation of machinery requirements (or) b) Discuss few points about maintenance of machinery and equipments	K3
20	a) Explain the plan needed to meet seasonal sales (or) b) Discuss about production planning for export markets.	K3

TEMPLATE FOR CURRICULUMDESIGN

First Year
Semester-I

Part	List of Courses	Credit	No.of Hours
Part-1	Tamil or other Languages	3	6
Part-2	English	3	6
Part-3	Core Courses & Elective Courses[in Total]	13	14
Part-4	Skill Enhancement Course-1	2	2
	Foundation Course	2	2
		23	**30**

Semester-II

Part	List of Courses	Credit	No.of Hours
Part-1	Tamil or other Languages	3	6
Part-2	English	3	4
Part-3	Core Courses & Elective Courses including laboratory [in Total]	11	14
Part-4	Skill Enhancement Course-2	2	2
	Skill Enhancement Course-3 (Discipline/Subject Specific)	2	2

	Nan Mudhalvan–Cambridge Course–English	2	2
		23	**30**

Second Year
Semester-III

Part	List of Courses	Credit	No.of Hours
Part-1	Tamil or other Languages	3	6
Part-2	English	3	6
Part-3	Core Courses & Elective Courses including laboratory[in Total]	11	10
Part-4	Skill Enhancement Course-4(Entrepreneurial Based)	1	2
	Skill Enhancement Course-5(Discipline/Subject Specific)	2	2
	Environmental Studies	2	2
	Nan Mudhalvan	2	2
		24	**30**

Semester-IV

Part	List of Courses	Credit	No.of Hours
Part-1	Tamil or other Languages	3	6
Part-2	English	3	6
Part-3	Core Courses & Elective Courses including laboratory[in Total]	11	10
Part-4	Skill Enhancement Course-6(Discipline/Subject Specific)	2	2
	Skill Enhancement Course-7(Discipline/Subject Specific)	1	2
	Value Based Education	2	2
	Nan Mudhalvan	2	2
		24	**30**

Third Year
Semester-V

Part	List of Courses	Credit	No.ofHours
Part-3	Core Courses/Elective Based & LAB	18	23
	Project with Viva Voice	3	5
Part-4	Nan Mudhalvan	2	2
	Internship/Industrial Visit/Field Visit	2	
		25	**30**

Semester-VI

Part	List of Courses	Credit	No.of Hours
Part-3	Core Courses/Elective Based& LAB	18	28
Part-4	Nan Mudhalvan	1	-
Part-5	Extension Activity	2	2
		21	**30**

CREDIT DISTRIBUTION FOR UG Programmes

SemI	Credit	H	SemII	Credit	H	SemIII	Credit	H	SemIV	Credit	H	SemV	Credit	H	SemVI	Credit	H
1.1 Part-1 Tamil or other Lang	3	6	2.1Part-1Tamil orotherLang	3	6	3.1 Part-1 Tamil or other Lang	3	6	4.1Part-1 Tamil or otherLang	3	6	5.1CoreCourse IX	4	5	6.1 Core Course –XIII	4	6
1.2 Part-2 English	3	6	2.2 Part-2 English	3	6	3.2 Part-2 English	3	6	4.2Part-2English	3	6	5.2 Core Course X	4	5	6.2 Core Course XIV	4	6
1.3 Core Course I	5	5	2..3 Core Course III	5	5	3.3 Core Course V	5	5	4.3Core Course VIICoreIndustry Module	5	5	5. 3.Core Course XI	4	5	6.3 Core CourseXV	4	6
1.4 Core Course II	5	5	2.4CoreCourse IV	5	5	3.4 Core Course VI	5	5	4.4CoreCourse VIII	5	5	5.4.Core Course–/ Projectwith viva-voceXII	4	5	6.4 Elective 7 Generic/ Discipline	3	5

															Specific		
1.5 Elective I Generic / Discipline Specific	3	4	2.5 Elective II Generic/ Discipline Specific	3	4	3.5 Elective III Generic/ Discipline Specific	3	4	4.5 Elective IV Generic/ Discipline Specific	3	3	5.5 ElectiveV Generic / Discipline Specific	3	4	6.5 Elective VIII Generic / Discipline Specific	3	5
1.6SkillEnhancement Course-1	2	2	2.6 Skill Enhance ment Course-2	2	2	3.6 Skill Enhancement Course 4(Entrep reneurial Skill)	1	1	4.6Skill Enhance ment Course6	2	2	5.6 Elective VI Generic/ Discipline Specific	3	4	6.6 Extension Activity	1	-
1.7Skill Enhance ment(foundation course)	2	2	2.7 Skill Enhance ment Course3	2	2	3.7 Skill Enhanc ement Course5	2	2	4.7Skill Enhancement Course7	2	2	5.7 Value Educati on	2	2	6.7 Professio nal Competency Skill	2	2
						3.8 Environmental Studies	-	1	4.8 Environm ental Studies	2	1	5.8 Summer Internship Industrial Training	2				
	23	**30**		**23**	**30**		**22**	**30**		**25**	**30**		**26**	**30**		**21**	**30**
Total–140 credits																	

CONSOLIDATED SEMESTER WISE AND COMPONENT WISE CREDIT DISTRIBUTION

Parts	Sem I	Sem II	Sem III	SemIV	SemV	SemVI	Total Credits
Part I	3	3	3	3	-	-	12
Part II	3	3	3	3	-	-	12
Part III	11	11	11	11	22	22	88
Part IV	6	6	6	6	3	2	29
PartV	-	-	-	-	-	1	1
Total	23	23	23	23	25	25	142

*****Part I.II, and Part III components will be separately taken in to account for CGPA calculation and classification for the under graduate programme and the other components. IV, V have to be completed during the duration of the programme as per the norms, to be eligible for obtaining the UG degree.

ILLUSTRATIVE FASHION TECHNOLOGY CURRICULUM DESIGN:

PART	TITLEOFTHE COURSE	CREDIT	HOURS/WEEK		Maximum Marks		
			Theory	Practical	CIA	ESE	Total
Semester I							
Part1.1	Tamil or other Languages	3	6	-			
Part.2English	English I	3	6	-			
1.3CoreCourse	Fiber to Fabric	5	5	-			
1.4CoreCourse II	Fashion Designing	5	5	-			
1.5ElectiveI Generic/ Discipline Specific	1. Care and Maintenance of Textiles 2. Fashion Appreciation 3. Non-Woven	3	4	-			
1.6 Skill Enhancement Course	Fashion Sketching Practical	2	-	2			
1.7 Skill Enhancement-(Foundation Course)	Fashion Designing(P)	2	-	2			
	Total	**23**	**26**	**4**			
Semester– II							
Part..2.1.Tamilor other Languages	Tamil or other Languages	3	6	-			
Part..2English	English II	3	4	-			
2..3CoreCourse –III	Basics of Garment Construction	5	5	-			
2.4CoreCourse– IV	Basics of Garment Construction Practical	3	-	3			
2.5ElectiveII Generic/ Discipline Specific	1. Basics of Cosmetology 2. Home Textiles 3. Garment accessories and trims	3	6	-			

2.6 Skill Enhancement Course	Surface Embellishment Practical	2	-	2			
2.7 Skill Enhancement Course – 3	Fiber to Fabric Practical	2	-	2			
Nan Mudhalvan	Cambridge Course – English/Pattern Making and Grading	2	2				
	Total	**23**	**23**	**7**			

Semester– III							
Part..3.1Tamilorother Languages	Tamil or other Languages	3	6	-			
Part.3.2English	English III	3	6	-			
3.3 Core Course–V	Fabric Structure and Design	4	4	-			
3.4CoreCourse –VI	Garment Construction - Children's wear Practical	3	-	3			
3.5Elective III Generic/Discipline Specific	Elective-III Generic/Discipline Specific 1. Home Textiles Practical 2. Ornaments and Accessory Making Practical	3	-	3			
3.6SkillEnhancement Course- 4 (Entrepreneurial Skill)	Skill Enhancement course4 (Entrepreneurial skill)- Business start up	2	2	-			
3.7SkillEnhancement Course-5	Fabric Structure and Design Practical	2	-	2			
3.8EVS	Environmental Studies.	2	2	-			
Nan Mudhalvan	Nan Mudhalvan / Sewing Technology	2	2				
	Total	**24**	**22**	**8**			

Semester-IV

Part..4.1.Tamil Or other Languages	Tamil or other Languages	3	6	-			
Part.4.2English	English IV	3	6	-			
4.3CoreCourse–VII Core Industry Module	Core Course VII-Industry module -Industrial Garment Machineries	4	4	-			
4.4CoreCourse–VIII	Core Course-VIII–Textile Wet Processing	3	3	-			
4.5 Elective IV Generic/Discipline Specific	Elective – IV Generic/Discipline Specific 1. Draping Practical 2. Design Process and Product Development Practical	3	-	3			
4.6 Skill Enhancement Course SEC-6	Skill Enhancement Course 6-Textile Dyeing and Printing Practical	2	-	2			
4.7 Skill Enhancement Course -7	Skill Enhancement Course 7-Computer Aided Design I Practical	2	-	2			
4.8VBE	Value Based Education	2	2	-			
Nan Mudhalvan	Nan Mudhalvan /Basics of Embroidery	2	2				
Total		**24**	**23**	**7**			

Semester–V							
5.1 Core Course–IX	Core Course IX-Costumes and Textiles of India	4	5	-			
5.2 Core Course–X	Core Course X –Garment Quality and Cost Control	4	5	-			
5. 3.Core Course-XI	Core Course XI-Garment Construction-Adult Wear Practical	4	-	5			

5.4.Core Course –/ Project with viva-voce-XII	Core Course XII-Project with Viva-Portfolio Development	4	-	5			
5.5 Elective V Generic/Discipline Specific	Elective–V Generic/Discipline specific 1.Eco Dyeing and Printing Practical2.Design for high end knits	3	-	4			
5.6Elective VI Generic/Discipline Specific	Elective–VI Generic/Discipline Specific 1. Marketing and Merchandising 2. Knitting	3	4	-			
5.7NanMudhalvan	Nan Mudhalvan/Fashion Concept	2	2				
5.8Internship /Industrial Training	Internship/Industrial Visit/Field Visit	1	-				
Total		**25**	**16**	**14**			
Semester VI							
6.1Core Course–XIII	Core Course-XIII The Business of Fashion	4	6	-			
6.2CoreCourse–XIV	Core Course XIV- Computer Applications in Garment Industry	4	6	-			
6.3CoreCourse–XV	Core Course XV-Computer Aided Design II Practical	4	-	6			
6.4 Elective -VII Generic/Discipline Specific	7.Generic/Discipline Specific 1. Organisation of garment Unit 2. Technical Textiles	3	5	-			
6.5 Elective VIII Generic/Discipline /Specific	8.Generic/Discipline Specific 1. Sustainable Product development Practical 2. Couture Design Development Practical	3	-	5			
Part V 6.6NanMudhalvan	Nan Mudhalvan/ Fibre To Fashion	2	2	-			
Part IV 6.7 Extension Activity	Extension Activity						

		1		-			
Total		**21**	**19**	**11**			
Grand Total		**140 Credits**					

Internship (minimum of 30 hours)**:** The students should submit certificate of attendance from the industry stating the nature of work done, duration and role played along with report (minimum of 20 pages) at the end of V semester for external evaluation.

Industrial Visit/Field Visit: A report based on the observation and learning out come to be submitted (minimum of 10 pages) along with suitable evidences at the end of V semester for external evaluation.

Knowledge Updation Activity: A report to be submitted (minimumof10pages) based on the study made along with the completion certificate stating the work done at the end of V semester for external evaluation.

Internship/Industrial Visit/ Field Visit/ Knowledge Updation Activity:

Internal–50Marks, External–50Marks

Project: Individual Project report should be submitted for external evaluation.
Internal – 50 Marks, External – 50 Marks

Extension Activity (NSS/ NCC/ YRC/ RRC/ Games and Sports/ Youth Welfare Activities Outreach Programmes/ Migration Awareness in the Tamil Nadu Education System): Internal – 50 Marks, External – 50 Marks

COURSE PSO MAPPING

Type of the Course	Course Code /Title	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CC1	**Fiber to Fabric**	3	1	2	0	3	2	1
CC2	**Fashion Designing**	2	3	3	2	1	2	2
EC1.1	**Care and Maintenance of Textiles**	3	1	2	0	3	3	1
EC1.2	**Fashion Appreciation**	1	2	3	2	1	1	2
EC1.3	**Non-Woven**	3	1	1	0	2	2	1
SEC1	**Fashion Sketching Practical**	1	3	2	2	0	1	2
FC1	**Fashion Designing Practical**	2	3	2	1	1	1	2
CC3	**Basics of Garment Construction**	2	3	1	1	2	1	2
CC4	**Basics of Garment Construction Practical**	2	3	1	1	2	1	2
EC2.1	**Basics of Cosmetology**	1	1	2	2	1	1	2
EC2.2	**Home Textiles**	3	1	2	1	2	2	1
EC2.3	**Garment Accessories and Trims**	2	2	2	1	2	1	2
SEC2	**Surface Embellishment Practical**	1	3	2	1	1	1	2
SEC3	**Fiber To Fabric Practical**	3	2	1	0	3	2	1

SEMESTER I

Course code		**FIBER TO FABRIC**	**L**	**T**	**P**	**C**
CoreCourse-1		**Paper I**	**4**	**-**	**-**	**4**

Course Outcomes (Cos)

CO1	Explain the classification, characteristics, manufacturing process, properties, and uses of natural textile fibers including cotton, linen, jute, silk, and wool.	K1andK2
CO2	Describe the manufacturing process, properties, and applications of regenerated and synthetic fibers, polymerization, bamboo, spandex, microfibers, and texturization methods.	K3

CO3	Apply the concepts of spinning, yarn manufacturing sequence, yarn classification, sewing thread production, yarn numbering systems, and yarn twist in textile processing.	K4
CO4	Analyze weaving preparatory processes, loom mechanisms, and the working principles of shuttle and shuttleless looms, along with knitting principles and non-woven fabric formation.	K5andK6

Unit: I Fiber Classification, Natural fibers

Introduction to Textiles Fibers – classification of fibers–primary and secondary characteristics of textile fibers. Manufacturing process, properties and uses of natural fibers – cotton, linen, Jute, silk, wool. Brief study about Organic Cotton, woolen and worsted yarn, types of silk.

Unit: II Regenerated and synthetic fibers

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

Texturization- Objectives, Types of textured yarns & Methods of Texturization.

Unit: III Yarn manufacturing

Spinning –Definition and classification; Chemical and mechanical spinning; Cotton Yarn Production sequence and objectives- opening, cleaning, doubling, carding, combing, drawing, roving and spinning. Comparison of carded and combed yarn**.** Yarn - Definition and classification- simple and fancy yarns. Manufacturing Process of sewing thread – cotton and synthetic. Yarn numbering systems - Significance of yarn twist.

Unit: IV Weaving Mechanism

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

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

Knitting- Definition, classification. Principles of weft and warp knitting – Terms of weft knitting. Knitting machine elements. Classification of knitting machines. Characteristics of basic weft knit structures. Introduction to Non-Woven- Application and uses.

TextBook

1. Textiles–Fibretofabric,CorbmannB.P,Internationalstudent's edition, Mc Graw Hill. Book company, Singapore,1985.
2. TextilefabricsandtheirSelection–IsabelBarnumWingate,PublishedbyPrentice-Hall, 1964.
3. FundamentalsofTextilesandTheircare, Susheeladantyagi,OrientLongman Private limited, Fifth edition,1996.

ReferenceBooks

1. TextileMechanismsinSpinningandWeavingMachines,GanapathyNagarajan, Woodhead Publishing India in Textiles, 2014.
2. MechanismsofFlatWeavingTechnology,ElenaVChepelyuk,PalithaBandara and ValeriyV, Choogin; Woodhead Publishing series inTextiles, 2013.
3. HandbookoffiberscienceandTechnology,MenachemLewinandStephenB Sello, Marcel Dekker, Inc, New York,1984.

RelatedOnlineContents[MOOC,SWAYAM,NPTEL,Websitesetc.]

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

CO–PO &PSO Mapping Matrix

COs			**POs**							**PSOs**				
	1	2	**3**	**4**	5	6	7	1	2	**3**	**4**	5	6	7
CO1	3	2	1	1	2	2	2	3	3	1	2	1	2	2
CO2	3	2	2	1	3	2	3	3	3	1	2	1	3	3
CO3	3	3	3	2	1	2	2	2	2	3	1	2	3	2
CO4	3	3	2	3	1	2	2	2	2	2	3	3	3	2
Total score	12	10	8	7	7	8	9	10	10	7	8	7	11	9

Course code	FASHIONDESIGNING		L	T	P	C
Core Course-2	**Paper II**		**4**	**-**	**-**	**4**

Course Outcomes (COs)

CO1	Explain the basic concepts of design, including structural and decorative design, and recognize their application in dress design.	K1and K2
CO2	Apply elements and principles of design such as line, shape, colour, texture, balance, rhythm, and proportion in dress designing.	K3
CO3	Analyze fashion evolution, fashion cycles, consumer behavior, and fashion forecasting theories.	K4
CO4	Design suitable garments for different body types and interpret fashion terminologies and professional roles in the fashion industry.	K5and K6

Unit: I Design Elements and Principles

Design-definition and types–structural and decorative design, requirements of a good structural and decorative design in dress. Elements of design and its application in dress – line, shape or form, colour and texture. Principles of design and its application in dress – balance, rhythm, emphasis, harmony and proportion.

Unit: II Standard Colour Harmonies

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

Unit: III Fashion Evolution and Fashion Forecasting

Fashion evolution – Fashion cycles, Length of cycles, consumer groups in fashion

cycles – fashion leaders, fashion innovators, fashion motivation, fashion victim, Fashion followers. Adoption of Fashion theories – Trickle down, trickle up and trickle across. Fashion forecasting – Need for forecasting.

Unit: IV Designing Dresses for Unusual Figures

Deigning dresses for unusual figures–becoming and unbecoming– for the following figure types. Stout figure, thin figure, narrow shoulders, broad shoulders, round shoulders, largebust,flatchest,largehip,largeabdomen,roundface,largeface,smallface,prominent chin and jaw, prominent forehead.

Unit: V Fashion Terminologies and Fashion Profiles

Definition and meaning of the fashion terms – fashion, style, line and collection, Mannequin and dress forms; 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

TextBook(s)

1. FashionSketchBook–BinaAbling,FairChildPublications,NewYork Wardrobe,1988.
2. Art andFashioninClothingSelection–McJimseyandHarriet,IowaStateUniversity Press, Jowa,1973.

ReferenceBooks

1. FashionFromConcept toConsumer –FringsGiniStephens,PearsonEducation,US, 1998.
2. InsidetheFashionBusiness – KittyG.Dickerson,PearsonEducation,US, 2007.

RelatedOnline Contents[MOOC,SWAYAM,NPTEL,Websites etc.]

1. https://www.apparelsearch.com/terms/index.htm
2. https://www.instyle.com/fashion
3. https://prezi.com/1tlwgnhviqs-/fashion-elements-and-principles-of-design/

CO–PO & PSO Mapping Matrix

Cos				POs						PSOs				
	1	2	3	4	5	6	7	1	2	3	4	5	6	7
CO1	3	2	1	3	1	2	3	2	1	1	2	2	3	1
CO2	2	3	2	1	2	2	1	3	2	3	2	1	3	1

CO3	2	3	2	1	3	1	2	3	2	3	2	1	3	2
CO4	1	2	3	3	2	2	1	2	3	3	2	1	3	2
Total score	8	10	8	8	8	7	7	10	8	10	8	5	12	6

Course code		**CARE AND MAINTANENCE OF TEXTILE**	**L**	**T**	**P**	**C**
Elective -1(a)			**4**	**-**	**-**	**3**

Course Out comes (COs)

CO1	Explain the basic concepts of water hardness, soaps, detergents, their composition, types, and manufacturing processes used in laundry care.	K1andK2
CO2	Apply appropriate methods for water softening, fabric finishes, and stain removal techniques based on fabric type and stain nature.	K3
CO3	Demonstrate washing, drying, and ironing techniques using manual and machine-based methods for different fabrics.	K4
CO4	Examine and evaluate fabric care methods including dry cleaning, storage practices, and international care labeling systems for proper textile maintenance.	K5andK6

Unit: I Water and Laundry Soaps

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

Unit: II Finishes and Stain Removal

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

perfume, perspiration/mildew, tar, turmeric and kum-kum.

Unit: III Washing, Drying and Ironing

Washing–Pointstobenotedbeforewashing,Machine–typessemi-automaticand fully automatic;Top loading and front loading; wash cycles in a washing machine Drying equipment's–Indoor and outdoor drying Iron box–Parts and functions of an electric iron box; types-automatic iron box and steam iron. Ironing board - different types.

Unit: IV Laundering of Different Fabrics

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

Unit: V Storing, Dry Cleaning and Care Labels

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

Text Book(s)

1. WingateIB,Textiles fabrics and their Selection,Prentice-HallIncPublishers,1946.
2. Fundamentals of Textiles and their Care-SusheelaDantyagi,Orient LongmannLtd,1980.

Reference Books

1. MildredT.TateandGlisson.O.,FamilyClothing,JohnWiley&SonsInc, Illinois,1961.
2. DurgaDeulkar,HouseholdTextilesandLaundryWork,AmlaRam&Sons, Delhi,1951.

RelatedOnline Contents[MOOC,SWAYAM,NPTEL,Websites etc.]

1. https://tide.com/en-us/how-to-wash-clothes/how-to-do-laundry/your-comprehensive-guide-on-how-to-do- laundry#Step1
2. https://www.rinse.com/blog/care/what-is-dry-cleaning/
3. https://fleming.ca.uky.edu/files/clothing_storage.pdf
4. https://www.home-storage-solutions-101.com/clothes-storage.html

CO–Pos & PSOs Mapping Matrix

COs			POs						PSOs		

	1	2	3	4	5	6	7	1	2	3	4	5	6	7
CO1	3	2	2	1	3	1	2	3	2	1	1	1	1	1
CO2	3	3	2	1	2	1	2	3	3	2	2	1	2	1
CO3	2	3	3	2	1	2	2	2	3	3	2	2	2	1
CO4	2	2	3	3	1	2	3	2	2	3	3	2	3	2
Total score	10	10	10	7	7	6	9	10	10	9	8	6	8	5

Course code		**FASHION APPRECIATION**	**L**	**T**	**P**	**C**
Elective -1(b)			**4**	**-**	**-**	**3**

Course Outcomes (COs)

CO1	Explain the basic concepts of fashion, including types of fashion and the fashion cycle.	K1andK2
CO2	Classify and differentiate various fashion styles and alternative fashion movements.	K3
CO3	Examine the relationship between fashion, culture, and global art movements.	K4
CO4	Develop creative fashion communication and styling outputs through writing, concept boards, and photo shoots.	K5andK6

Unit: I Introduction to Fashion

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

Unit: II Fashion Styles

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

Unit: III Art Forms

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

Unit: IV Art of writing

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

Unit: V Photoshoot

Styling and basic grooming– model poses based on garment –final photoshoot and

outcome.

Text Books

1. Louvre:allthePaintings,AnjaGrebe,BlackDog&Leventhal,NewYork,2020.
2. PrintersoftheMughalGarden,BrigitteSingh,BishwadeepMaitra, Mapin Publishing Pvt,Ltd, Gujarat, 2018.
3. ThinkLikeanArtist,WillGompertz,PenguinPublishers,London,2016.

Reference Books

1. PostModernism–AVeryShortIntroduction,ChristopherButler,Oxford University Press, Uttar Pradesh, 2002.
2. IndianArt,PartheMitter,OxfordUniversityPress,UttarPradesh, 2001.

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

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

CO-PO&PSOMapping Matrix

COs			POs							PSOs				
	1	**2**	**3**	**4**	**5**	**6**	**7**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
CO1	3	2	1	1	1	1	2	3	1	1	1	2	1	1
CO2	2	3	2	2	1	1	2	2	2	3	1	2	1	1
CO3	2	3	2	3	2	1	2	1	2	3	2	3	2	2
CO4	2	2	3	2	3	3	2	3	3	2	3	2	3	3
Total score	9	10	8	8	7	6	8	9	8	9	7	9	7	7

Course Code		**NON-WOVEN**	**L**	**T**	**P**	**C**
Elective-1(c)			**4**	**-**	**-**	**3**

Course Outcomes (Cos)

CO1	Explain the basic concepts, structure, and classification of non woven fabrics, including fiber types and web formation principles.	K1andK2
CO2	Apply knowledge of fiber preparation and web formation techniques such as carding, air-lay, wet-lay, and cross-lay processes.	K3

CO3	Analyze different web bonding methods including mechanical, thermal, and chemical bonding processes and their effects on fabric properties.	K4
CO4	Evaluate the structure, properties, applications, and testing methods of nonwoven fabrics using standard evaluation techniques.	K5andK6

Unit: I Fiber for Non-woven

Overview of Non wovens -Introduction and Definitions, Elements of non-woven, Fibers-geometry, Structure of fibrous webs. Basic non- woven processes and their sequences.

Unit: II Fiber Preparation Processes of raw materials

Uses of natural fiber for non-woven fabrics, Fiber Preparation Processes of raw materials– Fiber preparation mixing and Carding process, Parallel lay process, Cross la y process, Perpendicular - Lay process, Air-lay process and Wet-lay process.

Unit: III Web Bonding

Web Bonding Processes Mechanical bonding processes - Needle-punch process and Hydrogen entanglement process. Thermal bonding processes-Principles of thermal bonding, Calendar bonding process, Through-air bonding process, Infra-red bonding process, Ultra sonic bonding process. Chemical bonding processes- Chemical binders, Methods of binder applications, Saturation bonding process, Foam bonding process, Spray bonding process, Print bonding process, Methods of drying

Unit: IV Structure and Application

Web geometry, fiber orientation curl factor, web density. Identification, properties and application of different non-woven.

Unit: V Evaluation of Non-Woven Fabrics

Porosity, tear strength, air permeability, tensile strength, 3-point bending test, fatigue test, CBR loading, cone puncture test, abrasion test, peeling test, pilling test, study of DIN standards.

TextBooks

1. S.J.Russell(Ed.),HandbookofNonwovens,WoodheadPublishing,CRC Press,WashingtonDC,2007.
2. W. Albrecht, H. Fuchs and W.Kettelmann, Non-woven Fabrics: Raw

Materials,Manufacture,Applications,Characteristics,TestingProcess,

Wiley- VCH, Verlag Gmb H &Co. KGA.

ReferenceBooks

1. M.S.Casper,Non-woven,Textiles,NoyesDataCorp.(ParkRidge, N.J),1975.
2. M.Mcdonald,NonwovenFabricTechnology,ParkRidge,NJ:NoyesData,1971.A

joint venturebyIIScandIITs,funded.

RelatedOnline Contents[MOOC,SWAYAM,NPTEL,Websites etc.]

1. https://recovo.co/blog/what-is-non-woven-fabric/
2. https://www.textileschool.com/352/non-woven-fabrics/
3. https://www.textiletoday.com.bd/types-non-woven-fabrics-manufacturing-processes-applications

CO-PO&PSOMapping Matrix

COs			**POs**								**PSOs**			
	1	**2**	**3**	**4**	**5**	**6**	**7**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
CO1	3	2	1	1	2	2	3	3	1	2	1	1	1	1
CO2	3	3	2	1	1	1	2	3	2	1	3	1	2	1
CO3	3	3	3	2	1	2	1	2	2	2	1	2	2	1
CO4	3	2	3	3	2	1	2	2	3	2	2	2	3	2
Total score	12	10	9	7	6	6	8	10	8	7	7	6	8	5

Course code		**FASHION SKETCHING PRACTICAL**	**L**	**T**	**P**	**C**
Skill Enhancement Course-1			**-**	**-**	**2**	**2**

Course Outcomes (COs)

CO1	Understand human anatomy for fashion illustration	K1andK2
CO2	Apply proportion and sketching techniques in different face views	K3
CO3	Design and illustrate children's garments with creativity	K4
CO4	Develop and present women's and men's garment illustrations	K5andK6

Unit: I Illustrate the Following in Different Perspectives

Instructions–Create for male and female

1. Eyes
2. Ears

3. Nose
4. Lips
5. Hairstyles
6. Arms
7. Legs

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

1. Front view
2. Three quarter turned view
3. Profile view (side view)

Unit: III Illustrate the Following Children's Garments

Instructions–Create designs and Colour using any medium

1. Bib
2. Jabla with knicker
3. Baba suit
4. Frocks

Unit: IV Illustrate the Following Children's Garments

Instructions–Create designs and Colour using any medium

1. Skirts
2. Ladies tops
3. Salwar
4. Kameez
5. Maxi/Gown
6. Dungarees

Unit:VIllustratetheFollowingMen'sGarments

Instructions–CreatedesignsandColour usinganymedium

1. T-Shirts
2. Shirts
3. Pants
4. Kurta
5. Pyjama

TextBooks

1. FashionDesignDrawingandPresentation,IrelandPatrickJohn,Pavilion Books, 1982.
2. FashionDesignIllustration:Children,IrelandPatrickJohn,BTBatsford Ltd,1995.
3. FashionDesignIllustration: fasMen,Ireland PatrickJohn,BTBatsford Ltd,1996.

ReferenceBooks

4. FashionIllustration,KiperAnna,David&Charles,2011. ISBN:9780715336182.
5. Foundationinfashiondesignand illustration–JulianSeaman,Batsford Publishers, 2001.

RelatedOnlineContents[MOOC,SWAYAM,NPTEL,Websitesetc.]

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

CO- PO & PSO Mapping Matrix

COs			**POs**							**PSOs**				
	1	**2**	**3**	**4**	**5**	**6**	**7**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
CO1	3	2	1	2	1	1	1	3	1	1	3	1	1	1
CO2	3	3	2	1	1	2	1	2	3	1	3	2	2	1
CO3	2	2	3	1	1	2	2	1	3	2	3	2	2	2
CO4	2	2	3	2	2	3	2	1	2	3	3	2	3	2
Total score	10	9	9	6	5	8	6	7	9	7	12	7	8	6

Course code		FASHION DESIGNING PRACTICAL	L	T	P	C
Skill Enhancement -2(FC)			-	-	2	2

Course Outcomes (COs)

CO1	Explain the fundamentals of colour theory through preparation of Prang colour charts, value charts and intensity charts.	K1andK2
CO2	Illustrate human figures and garment designs by applying the elements and principles of design.	K3
CO3	Develop creative dress designs using different colour harmonies for aesthetic presentation.	K4
CO4	Design seasonal garments suitable for summer, winter, autumn and spring using appropriate colours, fabrics and silhouettes.	K5andK6

Unit: I Prepare the following Charts

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

Unit: II Illustrate Human Figure for the Following Heads

1. Child -6head.
2. Women–8head, 10head and 12 head.
3. Men–10head

Unit: III Illustrate Garment Designs for the Elements of Design

1. Line
2. Texture
3. Shape

Unit: IV Illustrate Garment Designs for the Principles of Design

1. Balance (Formal and Informal)
2. Harmony
3. Emphasis
4. proportion
5. Rhythm (by Repetition, Graduation and Line Movement)

Unit: VI llustrate the Colour Harmony in Dress Design

* Monochromatic

* Analogous
* Complimentary
* Double complementary
* Split complementary
* Triad
* Neutral

Create Garments for the Following Seasons

* Summer
* Winter
* Autumn
* Spring

TextBooks

1. FashionSketchBook,BinaAbling,FairChildPublications,New YorkWardrobe,1988.
2. IllustratingFashion,KathrynMcKelveyandJanineMunslow,BlackwellScience, 1997.

ReferenceBooks

1. ArtandFashioninClothingSelection,McJimseyandHarriet,Iowa State University Press, Jowa,1973.

RelatedOnline 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/

CO–PO&PSO Mapping Matrix

COs			POs							PSOs				
	1	2	3	4	5	6	7	1	2	3	4	5	6	7
CO1	2	2	3	1	3	1	1	3	2	1	3	3	2	1

CO2	1	1	2	2	2	1	3	1	2	1	2	1	1	1
CO3	3	2	2	1	1	2	2	2	1	2	1	1	2	2
CO4	2	2	1	1	1	2	2	2	3	3	1	2	2	3
Total score	8	7	8	5	7	6	8	8	8	7	7	7	7	8

SEMESTER II

Course code		**BASICS OFGARMENT CONSTRUCTION**	**L**	**T**	**P**	**C**
Core Course-3			**5**	**-**	**-**	**5**

Course Outcomes (COs)

CO1	Explain the parts and functions of sewing machines, sewing tools, and methods of taking body measurements for garments.	K1andK2
CO2	Apply pattern making, drafting, draping, grain identification, and fitting techniques in garment construction.	K3
CO3	Construct and differentiate various types of sleeves, collars, and yokes used in apparel designing.	K4
CO4	Perform pattern alteration, layout preparation, and manual grading for developing properly fitted garments.	K5andK6

Unit: I Essentials of Sewing

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

Unit: II Pattern Making and Fitting

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

Unit: III Sleeve and Its Types

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

Unit: IV Types of Collars and Yokes

Collars–definitions,types,peterpan,scalloped,puritan,sailor,square,rippled,full shirt collar, open collar, Chinese, turtle neck, shawl collar. Yokes –types, simple yoke, yoke with fullness within the yoke, yoke supporting/ releasing fullness.

Unit: V Pattern Alteration, Layout and Grading

Pattern alteration – importance of altering patterns, general principles for pattern alteration, common pattern alteration in a blouse. Pattern layout - definition, purpose, rules in layout, types of layouts Pattern grading (manual) – definition, basic front, basic back basic sleeve.

TextBooks

1. PracticalClothingConstruction–PartI,MaryMathews,CosmicPress, Chennai ,1986.
2. PracticalClothingConstruction–PartII,MaryMathews,CosmicPress, Chennai ,1986.
3. Zarapkersystemofcutting–Zarapker. K.R.,NavneetpublicationsLtd ,1994.

ReferenceBooks

1. PatternGradingforWomen'sclothing,Thetechnologyofsizing,GerryCooklin, Blackwell Science Ltd

   ,1990.
2. SewingandKnitting–AReadersDigest,Step-by-StepGuide,ReadersDigest Pvt Ltd, Australia,1993.

RelatedOnlineContents[MOOC,SWAYAM,NPTEL,Websitesetc.]

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

CO- PO & PSO Mapping Matrix

COs			POs							PSOs				
	1	**2**	**3**	**4**	**5**	**6**	**7**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
CO1	2	1	1	1	2	1	1	2	1	3	1	3	1	1
CO2	2	2	3	1	2	1	1	3	3	2	2	2	2	1
CO3	2	2	3	1	2	1	1	3	3	1	2	2	3	1
CO4	2	3	3	2	3	1	2	3	3	2	3	2	2	2
Total score	8	8	10	5	9	4	5	11	10	8	8	9	8	5

Course code	**BASICS OF GARMENT CONSTRUCTION PRACTICAL**	**L**	**T**	**P**	**C**
Core Course-4		**-**	**-**	**5**	**5**

Course Outcomes (COs)

CO1	Identify and explain the different types of seams, seam finishes, hems, darts, tucks, plackets, fasteners, and pockets used in garment construction.	K1andK2
CO2	Demonstrate the preparation of basic sewing samples and neck line finishes using appropriate stitching and finishing techniques.	K3
CO3	Construct miniature samples of skirts, sleeves, collars, and yokes with proper methods and accuracy.	K4
CO4	Evaluate the quality, neatness, and suitability of garment construction techniques for functional and decorative purposes.	K5andK6

Preparation Samples for the Following

1. Seams–Plain seam, top stitched seam, flat fell seam, piped seam, lapped seam
2. Seam Finishes– double stitch, edge stitched, over lock (optional)
3. Hems–narrow, stitched and turned, hems for circular shape
4. Darts–single and double
5. Tucks–Pin tuck, cross tuck, group tucking
6. Neckline Finishes– Bias facing, Bias binding and Shaped facing
7. Plackets– continuous placket, bound placket and faced placket, zipper placket,

tailored

placket

8. Fasteners–Press buttons, Hook and eye, Button and Buttonhole

9. Pocket–Patch pocket, side seam pocket, bound and faced pocket

Prepare Miniature Samples for the following

10. Skirt– pleated skirt, gathered skirt, circular skirt

11. Sleeve–Plain sleeve, Magyar Sleeve, Raglon Sleeve

12. Collar-Flat collar (any type), Open collar

13. Simple Yoke

Text Books

1. PracticalClothingConstruction–PartIMaryMathews, CosmicPress,Chennai, 1986.
2. PracticalClothingConstruction–Part II,MaryMathews,CosmicPress, Chennai, 1986.
3. Zarapkersystemofcutting –Zarapker.K.R.,Navneet publicationsLtd,1994.

Reference Books

1. SewingandKnitting–AReadersDigest,Step-by-StepGuide,ReadersDigest Pvt. Ltd, Australia, 1993.

RelatedOnlineContents[MOOC,SWAYAM,NPTEL,Websitesetc.]

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

CO- PO & PSO Mapping Matrix

COs				**POs**						**PSOs**				
	1	**2**	**3**	**4**	**5**	**6**	**7**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
CO1	3	2	2	1	1	2	1	3	2	3	1	1	1	2
CO2	3	3	2	2	1	1	1	3	3	2	2	2	1	3
CO3	3	3	3	2	2	1	1	3	3	3	2	2	2	2
CO4	2	3	2	3	2	2	1	2	3	1	2	3	2	1
Total score	11	11	9	8	6	6	4	11	11	9	7	8	6	8

Course code		BASICS OF COSMETOLOGY	L	T	P	C
Elective-2(a)			4	-	-	3

Course Outcomes (COs)

CO1	Explain the basic concepts of cosmetology, self- grooming, skin care, and beauty therapy practices.	K1andK2
CO2	Demonstrate manicure, pedicure, nail care, and Mehandi application techniques using appropriate tools and safety measures.	K3
CO3	Perform basic facial treatments, hair care procedures, hair styling ,and makeup application for different occasions.	K4
CO4	Analyze skin types, hair textures, and suitable cosmetic products to provide appropriate beauty care services.	K5andK6

Unit: I Cosmetology–An Introduction

Cosmetology – Introduction, Definition, and its importance-difference between beautician and Cosmetologist -features of a cosmetologist – Types and application- Self-grooming–definition and its importance.

Unit: II Pedicure

Pedicure, definition, need for pedicure, tools and equipment used for pedicure, step by-step procedure of pedicure-, pedicure technique– benefits – difference between spa and regular pedicure - Pedicure safety.

Unit: III Manicure

Manicure- equipment used for Manicure, Types- French, hot oil, dip power manicures- paraffin wax treatments -shaping of nails, removal of the cuticles, Mehandi-Classical, Arabic, Glitter, Painting and Nail Art – Nail Care.

Unit: IV Skin and hair

Structure and function of skin, Skin types, skin tones, tips for skin care and steps in basic facial. Care for skin and hair-Basic Hairstyles: Knotted style -Rolling style–Plaited style - Basic structure of skin and hair, Products available, skin and hair care, makeup for face and hairdo styles.

Unit: V Face makeup

Face make up- meaning, make up application, Make-up types, shape and colour

of Hair, hair care and hair styles for occasion.

Basic Hair cuts- Straight Trimming, “U”-cut and “V”–Cut.

TextBooks

1. Dr.NeenaKhanna,Bodyand BeautyCare,PustakMahalPublishers (2011).
2. RashmiSharma,HerbalBeauty&BodyCare.Pustak MahalPublishers (2011).
3. RichaDave,Make-upAlbum,Navneet Publication(2006).

ReferenceBooks

1. CatherineM.Frangie.Milady,Standardcosmetology,MiladyPublishing Company.(2014).
2. RoshiniDayal,NaturalBeautySecretsfromIndia,TatapublishingEnterprises. LLC,(2008).
3. P.J.Fitzgerald.,ThecompletebookofHairstyling,Mansoorbook house,(2003).Trinny woodwall, Sunsannal constantive.

RelatedOnline Contents[MOOC,SWAYAM,NPTEL,Websites etc.]

1. https://www.pharmacistdunia.com/2018/07/introduction-to-cosmetology.html
2. https://ncert.nic.in/vocational/pdf/kvbk103.pdf
3. https://www.health.harvard.edu/topics/skin-and-hair
4. https://www.colorescience.com/blogs/learn/how-to-apply-makeup

CO-PO&PSOMapping Matrix

COs			**POs**							**PSOs**				
	1	**2**	**3**	**4**	**5**	**6**	**7**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
CO1	3	2	2	1	1	2	2	3	2	2	1	1	2	2
CO2	2	3	3	2	2	2	1	3	3	2	2	1	2	1
CO3	2	2	3	3	2	2	2	2	3	3	2	2	2	1
CO4	3	3	2	2	3	2	2	2	2	3	3	2	2	2
Total score	10	10	10	8	8	8	7	10	10	10	8	6	8	6

Course code		HOME TEXTILES	L	T	P	C
Elective-2(b)			4	-	-	3

Course Outcomes (COs)

CO1	Describe the basic concepts, scope, and types of home textiles used in interiors.	K1andK2
CO2	Explain the characteristics, materials, and selection factors of different home textile products.	K3
CO3	Classify and analyze various floor coverings, wall coverings, and soft furnishings based on their uses and properties.	K4
CO4	Evaluate and select appropriate home textiles for different spaces considering design trends, function, and maintenance.	K5andK6

Unit: I Home Textiles– An Introduction

Introduction to home textiles, definition, types of home textiles, factors influencing selection of home textiles, recent trends in home textiles.

Unit: II Floor and Wall Covering

Floor and wall coverings– definition, types of floors covering –hard, soft and resilient floor coverings and uses and care and maintenance of floor coverings. Wall covering-definition, uses care and maintenance of wall coverings.

Unit: III Door and Window Treatment

Door and window treatment – definition and parts of door and windows, curtains and draperies – definition and materials used for curtains and draperies. Types of Curtains –draw, tailored, pleated, cafe, three tier curtains. Types of Draperies– swags. Accessories-rod shook, rails, racks, curtain tape pins.

Unit: IV Soft Furnishings for Living and Bed Linen

Introduction to living and bedroom linens, types- sofa, soft covers, wall hangings, cushion, cushion covers ,upholsteries ,bolster and bolster covers, bed sheets, covers, blankets, blanket covers, comfort and comfort covers, bed spreads, mattress and mattress covers, pillow and pillow covers, pads, uses and care.

Unit: V Soft Furnishings for Kitchen and Dining

Soft furnishings for kitchen and dining, types of kitchen linens– kitchen towel, aprons, dish cloth, fridge, grinder and mixie covers, mittens, fridge holders–their uses and care. Types of

dining- table, mat, dish/ pot holders, cutlery holder, fruit baskets, hand towels-uses and care. Bath room linens– types, uses and care.

Text Books

1. HomeComforts–TheArtsandScienceofKeepingHome,CherylMendelson, Scriber, New York, 2005.
2. CushionsandPillows–ProfessionalSkills–MadeEasy,HamlynOctopus, Octopus Publishing Group, New York, 2001
3. TheUltimateSewingBook200SewingIdeasforYouandYourHome,MagiMC, Mc Cormick Gordon, Collins and Brown, London. 2002.

ReferenceBooks

1. ArtinEverydayLife,HarrietGoldsteinandVettaGoldstien,TheMacmillian Company,2004
2. PerformanceofHomeTextiles,SubrataDas,WoodheadPublishingIndiaPvt. Limited, 2010
3. HomeFurnishing,V.RameshBabuandS.Sundaresan,WoodheadPublishingIndia Pvt. Limited, 2018.

RelatedOnline Contents[MOOC,SWAYAM,NPTEL,Websites etc.]

1. https://www.homestratosphere.com/types-curtains/
2. https://textilecourse.blogspot.com/2018/06/types-classification-home-textiles.html
4. https://www.fibre2fashion.com/industry-article/1769/home-textiles-a-review
5. http://www.india-crafts.com/textile/home-textile.html

PO & PSO Mapping Matrix

COs				POs						PSOs				
	1	**2**	**3**	**4**	**5**	**6**	**7**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
CO1	3	1	1	2	3	1	2	2	1	1	1	1	1	1
CO2	3	2	2	1	2	1	1	2	3	1	2	2	2	2
CO3	2	3	2	1	1	2	1	3	3	2	3	1	2	1
CO4	2	3	3	2	2	1	2	3	3	3	3	3	3	2
Total score	10	9	8	6	8	5	6	10	10	7	9	7	8	6

Course code		**GARMENT ACCESSORIES AND TRIMS**	**L**	**T**	**P**	**C**
Elective-2(c)			**4**	**-**	**-**	**3**

Course Outcomes (COs)

CO1	Explain the types, functions, and selection criteria of garment accessories used in apparel production.	K1andK2
CO2	Describe sewing and embroidery threads with respect to fiber types, construction, numbering system, and quality parameters.	K3
CO3	Demonstrate the application methods and evaluate the performance of garment closures and trims including zippers, buttons, elastic, lace, and appliqué.	K4
CO4	Analyze and select appropriate packing materials and safety standards for garment accessories, especially in children’s wear and export packaging.	K5andK6

Unit: I Garment Accessories

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

Unit: II Sewing and Embroidery Threads

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

Unit: III Closures

Zippers – Component parts –Types –Application techniques – Quality parameters and testing- Buttons– types – Quality requirements & testing procedures –Elastic – Application techniques – Types – Quality requirements and testing procedures. Draw strings – Method of application-Quality parameters –

Velcro Method of application techniques – Quality parameters – Snap fastness–Types– Method of application. Quality parameters- Hooks – types– Methods of application –Quality Norms.

Unit: IV Supporting and Decorative Trims

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

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

Unit: V Packing Accessories

Tags and its types–Quality requirements–Poly bags and its types- Quality norms pertaining to poly bags– Hangers and its types– Cartons and its types–Testing required for apparel export Cartons– Factors to be considered for export cartons – Wrappers and Tissues – Pouches for inner wear–Latest innovation in packing accessories.

TextBooks

1. FashionApparelAccessoriesandHomeFurnishings,DiamondProfessorEmeritus,Jay; Diamond Adjunct Faculty, Ellen., Prentice Hall,2006.
2. Know YourFashionAccessories,CeliaStall-Meadows,TanaStufflebean,FairchildBooks & Visuals, 2003

ReferenceBooks

1. CarrandLatham‟sTechnologyofClothingManufacture,EditedbyDavidJ.Tyler,2009

2. ApparelManufacturingHandbook,Analysis,PrinciplesandPractice,JacobSolinger,Bobbin Media Corporation, 1988

RelatedOnline Contents[MOOC,SWAYAM,NPTEL,Websites etc.]

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

CO- PO & PSO Mapping Matrix

COs				POs						PSOs				
	1	2	3	4	5	6	7	1	2	3	4	5	6	7
CO1	3	2	1	1	1	1	1	3	2	1	2	1	3	2
CO2	3	2	1	1	1	1	1	3	2	1	2	2	2	3
CO3	2	3	3	1	2	1	1	3	3	2	3	2	2	1
CO4	2	2	2	3	2	2	1	2	3	3	1	3	2	1
Total score	10	9	7	6	6	5	4	11	10	7	8	8	9	7

Course code		SURFACE EMBELLISHMENTS PRACTICAL	L	T	P	C
Skill Enhancement Course-3			-	-	2	2

Course Outcomes (COs)

CO1	Identify and demonstrate basic hand embroidery stitches such as outline, filling, loop, and cross stitches.	K1andK2	
CO2	Apply machine embroidery techniques including running stitch, satin stitch, granite stitch, cording, and needle cording in sample making.	K3	
CO3	Develop decorative textile samples using bead work, sequin work, ribbon embroidery, mirror work, and drawn thread work.	K4	
CO4	Design and construct textile samples using appliqué, patchwork, quilting, and smocking techniques with appropriate aesthetic and Technical skills.	K5andK6	

1. Create Hand Embroidery Samples (10 stitches and 5 samples)

- Out line stitches

- Filling stitches
- Loop stitches
- Cross stitches

2. Create Embroidery Samples Using Machine

- Running stitch
- Satin Stitch
- Granite Stitch
- Cording
- Needle cording

3. Create the Following Samples

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

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

- Applique
- Simple /Geometric patch work
- Quilting

5. Create Samples with Smocking

- French Smocking (any3 types)
- Chinese Smocking

TextBooks

- ShailajaDNaik,TraditionalEmbroideriesofIndia,APHPublishing,1996
- MeganEckman, EverydayEmbroideryforModernStitchers, C&TPublishing, 2020

ReferenceBooks

- LibbyMoore,Thread Folk:AModernMakersBookofEmbroideryProjectsandArtist Collaborations, Paige Tate & Co, 2019

RelatedOnline Contents[MOOC,SWAYAM,NPTEL,Websites etc.]

- https://sewguide.csom/smocking/
- https://www.youtube.com/watch?v=Ug2d1NUuE4A

- https://www.youtube.com/watch?v=uJ2SyeFA_B4
- https://www.youtube.com/watch?v=nJz9c8gEvFg

CO-PO & PSO Mapping Matrix

COs				**POs**						**PSOs**				
	1	**2**	**3**	**4**	**5**	**6**	**7**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
CO1	3	1	1	2	1	2	3	3	2	3	2	1	3	2
CO2	3	2	3	2	2	2	2	3	1	2	1	2	3	1
CO3	3	3	1	2	3	1	1	1	3	2	3	3	2	2
CO4	3	3	2	3	2	3	2	2	2	3	3	3	3	3
Total score	12	9	7	9	8	8	8	9	8	10	9	9	11	8

Course code		**FIBER TO FABRIC PRACTICAL**	**L**	**T**	**P**	**C**
Skill Enhancement Course-4			**-**	**-**	**2**	**2**

Course Outcomes (COs)

CO1	Identify different textile fibers using microscopic, flame, and chemical tests.	K1 and K2
CO2	Determine yarn properties such as count and twist using standard laboratory methods.	K3
CO3	Evaluate fabric characteristics including GSM, fabric count, loop length, shrinkage, and absorbency using standard testing methods.	K4
CO4	Assess fabric quality and performance by analyzing test results such as color fastness and dimensional stability.	K5 and K6

1. Identification of Textile fibers

- Microscopic Method
- Flame test.

- Chemical test

2. Testing of Yarn and Fibers

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

3. Testing of Fabric

- 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

TextBooks

1. Textiles–Fibretofabric,CorbmannB.P,Internationalstudentsedition,McGrawHill. Bookcompany,Singapore,1985.
2. TextilefabricsandtheirSelection–IsabelBarnumWingate,PublishedbyPrentice-Hall,1964.

ReferenceBooks

1. IdentificationofTextileFibers1stEditionbyMaxM.Houck,WoodheadPublishing in textiles,Cambridge,Newdelhi,2009.
2. Textilescience,Gohi,CBSPublishersandDistributors,India,2005.

RelatedOnline 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

CO- PO & PSO Mapping Matrix

COs				POs						PSOs				
	1	2	3	4	5	6	7	1	2	3	4	5	6	7
CO1	3	2	2	3	1	1	2	3	2	3	3	2	2	2
CO2	2	3	3	3	1	2	1	3	3	3	3	2	1	3

CO3	1	2	3	3	2	2	1	2	3	2	3	2	2	3
CO4	1	2	3	2	1	3	2	2	3	2	2	1	1	2
Total score	7	9	11	11	5	8	6	10	11	10	11	7	6	10

Course code	**Sem-II**	**Naan Mudhalvan/ Pattern Making & Grading**	**L**	**T**	**P**	**C**
Part-IV			**2**	**-**		**2**
Pre-requisite		**Basic knowledge on Pattern Making**				

COURSE OUTCOMES	
On the successful completion of the course student will be able to,	
CO1	Apply methods of Pattern making.
CO2	Develop the commercial pattern and body measurement.
CO3	Plan the pattern layout and its rules in cutting.
CO4	Justify the fitting and its principles.
CO5	Compose manual and computerized grading.

Preamble: This course facilitates an understanding of pattern making and orients the learners in the field of costume design. The learners are expected to know the drafting, draping, pattern layout, fitting in fashion industry.

UNIT – I Methods of pattern making

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

UNIT – II Commercial Pattern

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

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

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 forpattern alteration.

UNIT – V Grading

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.

REFERENCE

1. Helen Joseph Armstrong, “Pattern making Fro fashion Design”, HarperCollins 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 ScienceLtd, 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 ScienceLtd., English, 1991.