



MOTHER TERESA WOMEN'S UNIVERSITY
KODAIKANAL – 624 101

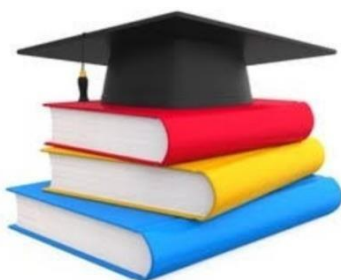


DEPARTMENT OF HOME SCIENCE

B.Sc. COSTUME DESIGN AND FASHION

Curriculum Framework, Syllabus, and Regulations

(Choice Based Credit System –CBCS)



(For the candidates to be admitted from the Academic Year 2026-2027 onwards)

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**Mother Teresa Women's
University, Kodaikanal**

Department of Home Science

B.Sc. COSTUME DESIGN AND FASHION

1. About the Department

The Department of Costume Design and Fashion aims to empower women through imparting technical, creative and innovative skill in textiles and fashion. The Programme courses include Language Studies, Fashion Designing, Textile Studies, Apparel Designing, Marketing, Branding and Forecasting. The Programme is skill oriented and designed to arm a student with the knowledge to join entry level managerial positions such as Fashion coordinator, Designer, Fashion Stylist, Fashion Analysts, Production Executive, Merchandiser, Pattern maker, Freelancer, Quality Control Assistant, Costume Designer and to become as Entrepreneur in the field of textile, garment and fashion Industries.

2. Programme Educational Objectives (PEOs)

The B.Sc. Costume Design and Fashion programme describe accomplishments that graduates are expected to attain within five years after graduation

PEO1	Build successful careers in textile, garment, and fashion industries.
PEO2	Work effectively as designers, technologists, or entrepreneurs in the apparel sector.
PEO3	Apply their knowledge to solve real-world problems in textile and fashion fields.

3. Programme Outcomes (PO)

On completion of B.Sc. Costume Design and Fashion Programme, students will be able to

PO1	Apply the terminologies and concepts of fashion design in their respective field.
PO2	Analyse the structure of the fabric. Appraise fiber, yarn and fabric with basic tests. Enhance fabric designs with dyeing, printing and surface ornamentation.
PO3	Design, Draft and construct children, women and men's garments and develop fashion portfolios.
PO4	Plan and execute order in a garment manufacturing unit covering all stages- fiber, yarn, fabric and garment manufacture.
PO5	Develop quality products for market by using appropriate merchandising and marketing strategies.

4. Programme Specific Outcomes (PSOs)

On completion of B.Sc. Costume Design and Fashion Programme, students will be able to

PSO1	Be professionally trained in the areas of fashion sketching, designing and psychology; techniques related to various garment constructions, traditional costumes and portfolio development.
PSO2	Acquire knowledge on various types of fibers and yarns; different methods of fabrication, finishing, dyeing and printing.
PSO3	Be equipped with apparel management and business, marketing & merchandising, quality control, entrepreneurial skills, communication skill, environmental consciousness, holistic value-based education and lifelong learning ability.

5. Learning Outcomes-based Curriculum Framework (LOCF) Attributes

LO 1 Disciplinary knowledge: Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.

LO 2 Communication Skills: Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.

LO 3 Critical thinking: Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.

LO 4 Problem solving: Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.

LO 5 Analytical reasoning: Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; draw valid conclusions and support them with evidence and examples, and addressing opposing viewpoints.

LO 6 Research-related skills: A sense of inquiry and capability for asking relevant/ appropriate questions, problematizing, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.

LO 7 Cooperation/Team work: Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team. 8 Learning Outcomes-based Curriculum Framework for Undergraduate Education

LO 8 Scientific reasoning: Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective. =

LO 9 Reflective thinking: Critical sensibility to lived experiences, with self-awareness and reflexivity of both self and society.

LO 10 Information/digital literacy: Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.

LO 11 Self-directed learning: Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.

LO 12 Multicultural competence: Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.

LO 13 Moral and ethical awareness/reasoning: Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.

LO 14 Leadership readiness/qualities: Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way.

LO 15 Lifelong learning: Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

6. Eligibility

- i. The candidates should have completed 10+2 or its equivalent exam in Science/Arts stream from any recognized board.
- ii. Candidate should have secured at least 55% in the above subject and above in the aggregate.
- iii. A relaxation of 10% in the total percentage will be given to SC, ST candidates.

7. General Guidelines for UG Programme

- i. Duration: 3 Years
- ii. Medium of Instruction: English

8. Evaluation (40+60): Evaluation of the candidates shall be through Internal Assessment and External Examination for Theory and Practical.

8.1 Evaluation Pattern

EVALUATION PATTERN		Maximum Marks (Theory & Practical)	Minimum Marks (Theory & Practical)
Internal Evaluation	Continuous Internal Assessment	40 Marks	16 Marks
External Evaluation	End Semester Examination	60 Marks	24 Marks
Total		100 Marks	40 Marks

8.2 Internal Assessment - CIA (40 Marks)

The Continuous Internal Assessment (CIA) for each course includes written test and assignments for a maximum of 40 marks.

Assignment (any type): 10 Marks

Seminar / Presentation: 10 Marks

Test (Best 2 out of 3): 15 Marks

Quiz/MCQ: 5 Marks

8.3 End Semester Examination (Theory): Max. Marks: 60, Time: 3hrs.

Part–A (5x2=10 Marks) - Answer ALL questions - Each Question carries 2marks

Part–B (5x4=20 Marks) - Answer ALL questions - Each question carries 4 Marks -Either or Type

Part-C (3x 10 = 30 Marks) - Answer ALL questions - Each question carries 10 Marks - Either or Type

8.4 Written Examination Question Paper Pattern

(Common for UG Programmes)

Intended Learning Skills	Maximum 60 Marks Passing Minimum: 50% Duration: Three Hours
Memory Recall/Example/ Counter Example / Knowledge about the Concepts/Understanding K1& K2	Part–A (5x2=10 Marks)
	Answer ALL questions Each Question carries 2marks One questions from each Unit Question 1to 5
Descriptions/Application / Analysis/Synthesis / Evaluation K3, K4, K5	Part–B (5x4=20 Marks) Answer
	ALL questions Each question carries 4 Marks Either - or Type Both parts of each question from the same Unit and K Level Question 6(a) or 6(b) to Question 10(a) or 10(b)
Analysis/Synthesis / Evaluation K4, K5	Part-C (3x 10 = 30 Marks)
	Answer ALL questions Each question carries 10 Marks From any unit based on weightage Either - or Type Both parts of each question from the same K Level Question 11(a) or 11(b) To Question 13(a) or 13(b)

Sample UG Question Paper Pattern (End Semester Written Examination)

Q. NO	QUESTIONS	K LEVEL	UNIT NO.	COUSE OUTCOME NO.	PROBLEM OR THEORY QUESTION (P/T)
SECTION A ANSWER THE FOLLOWING (5*2=10)					
1.		K1/K2	1	CO1	(P/T)
2.		K1/K2	2	CO1	(P/T)
3.		K1/K2	3	CO1	(P/T)
4.		K1/K2	4	CO1	(P/T)
5.		K1/K2	5	CO1	(P/T)
SECTION B ANSWER THE FOLLOWING (5*4=20)					
6A		K3	1	CO2	(P/T)
	(OR)				
6B		K3	1	CO2	(P/T)
7A		K3	2	CO2	(P/T)
	(OR)				
7B		K3	2	CO2	(P/T)
8A		K4	3	CO3	(P/T)
	(OR)				
8B		K4	3	CO3	(P/T)
9A		K5	4	CO4	(P/T)
	(OR)				
9B		K5	4	CO4	(P/T)
10A		K5	5	CO4	(P/T)
	(OR)				
10B		K5	5	CO4	(P/T)
SECTION C ANSWER THE FOLLOWING (3*10=30)					
11A		K4	1	CO3	(P/T)
	(OR)				
11B		K4	2	CO3	(P/T)
12A		K4	3	CO3	(P/T)
	(OR)				
12B		K4	4	CO3	(P/T)
13A		K5	5	CO4	(P/T)
	(OR)				
13B		K5	(optional)*	CO4	(P/T)
From any unit based on weightage					

WEIGHTAGE

Lower Level	- K1, K2 Level	- 10 Marks	- 17%
Intermediate Level	- K3, K4 Level	- 32 Marks	- 53%
Higher Level	- K5, K6 Level	- 18 Marks	- 30%
Total		- 60 marks	- 100%

Internal Written Examination Pattern

Intended Learning Skills	Maximum 30 Marks Passing Minimum: 50% Duration: 1.5 Hours
Memory Recall/Example/ Counter Example / Knowledge about the Concepts/Understanding K1& K2	Part–A (4x2=08 Marks)
	Answer ALL questions Each Question carries 2marks Internal Test Portion Question 1 to 4
Application / Analysis/Synthesis / Evaluation K3, K4, K5	Part–B (3x4=12 Marks)
	Answer ALL questions Each question carries 4 Marks Either - or Type Both parts of each question from the same K Level / Internal Test Portion Question 5(a) or 5(b) to Question 7 (a) or 7 (b)
Analysis/Synthesis / Evaluation/Create K5	Part-C (1x 10 = 10 Marks)
	Answer ALL questions Each question carries 10 Marks From any unit based on weightage Either - or Type Both parts of each question from the same K Level / Internal Test Portion Question 8 (a) or 8 (b)

Sample Question Paper Pattern (Internal Written Examination)

Q. NO	QUESTIONS	K LEVEL	UNIT NO.	COUSE OUTCOME NO.	PROBLEM OR THEORY QUESTION (P/T)
SECTION A ANSWER THE FOLLOWING (4*2=8)					
1.		K1/K2	Internal Test Portion	CO1	(P/T)
2.		K1/K2		CO1	(P/T)
3.		K1/K2		CO1	(P/T)
4.		K1/K2		CO1	(P/T)
SECTION B ANSWER THE FOLLOWING (3*4=12)					
5A		K3	Internal Test Portion	CO2	(P/T)
	(OR)				
5B		K3		CO2	(P/T)
6A		K4		CO3	(P/T)
	(OR)				
6B		K4		CO3	(P/T)
7A		K5		CO4	(P/T)
	(OR)				
7B		K5		CO4	(P/T)
SECTION C ANSWER THE FOLLOWING (1*10=10)					
8A		K5	Internal Test Portion	CO4	(P/T)
	(OR)				
8B		K5		CO4	(P/T)

WEIGHTAGE

Lower Level	- K1, K2 Level	- 08 Marks	- 27%
Intermediate Level	- K3, K4 Level	- 08 Marks	- 27%
Higher Level	- K5, K6 Level	- 14 Marks	- 46%
Total		- 30 marks	- 100%

8.5 Methods of Assessment

METHODS OF ASSESSMENT	
Remembering (K1)	• The lowest level of questions requires students to recall information from the course content. • Knowledge questions usually require students to identify information in the textbook.
Understanding (K2)	• Understanding of facts and ideas by comprehending organizing, comparing, translating, interpolating and interpreting in their own words. • The questions go beyond simple recall and require students to combine data together.
Application (K3)	• Students have to solve problems by using / applying a concept learned in the classroom. • Students must use their knowledge to determine a exact response.
Analyze (K4)	• Analyzing the question is one that asks the students to break down something into its component parts. • Analyzing requires students to identify reasons causes or motives and reach conclusions or generalizations.
Evaluate (K5)	• Evaluation requires an individual to make judgment on something. • Questions to be asked to judge the value of an idea, a character, a work of art, or a solution to a problem. • Students are engaged in decision-making and problem –solving. • Evaluation questions do not have single right answers.
Create (K6)	• The questions of this category challenge students to get engaged in creative and original thinking. • Developing original ideas and problem solving skills.

9. Project

9.1 Project Report

A student should select a topic for the Project Work at the end of the fifth semester itself and submit the Project Report at the end of the sixth semester. The Project Report shall not be less than 30 typed pages in Times New Roman font with 1.5 line space.

9.2 Project Evaluation

There is a Viva Voce Examination for Project Work. The Guide and an External Examiner shall evaluate and conduct the Viva Voce Examination. The Project Work carries 100 marks (Internal: 40 Marks; External (Viva): 60 Marks).

10. Conversion of Marks to Grade Points and Letter Grade (Performance in a Course/Paper)

Range of Marks	Grade Points	Letter Grade	Description
90 – 100	9.0 – 10.0	O	Outstanding
80-89	8.0 – 8.9	D+	Excellent
75-79	7.5 – 7.9	D	Distinction
70-74	7.0 – 7.4	A+	Very Good
60-69	6.0 – 6.9	A	Good
50-59	5.0 – 5.9	B	Average
00-49	0.0	U	Re-appear
ABSENT	0.0	AAA	ABSENT

11. Attendance

Students must have earned 75% of attendance in each course for appearing for the examination. Students with 71% to 74% of attendance must apply for condonation in the Prescribed Form with prescribed fee. Students with 65% to 70% of attendance must apply for condonation in the Prescribed Form with the prescribed fee along with the Medical Certificate. Students with attendance less than 65% are not eligible to appear for the examination and they shall re-do the course with the prior permission of the Head of the Department, Principal and the Registrar of the University.

12. Any Other Information

In addition to the above-mentioned regulations, any other common regulations pertaining to the PG Programmes are also applicable for this Programme.

13. Academic Documentation

a.	Academic Schedule	q.	Laboratory Experiments related to the Courses
b.	Students Name List	r.	Internal Question Paper
c.	Time Table	s.	External Question Paper
d.	Syllabus	t.	Sample Home Assignment Answer Sheets
e.	Lesson Plan	u.	Three best, three middle level and three average Answer sheets
f.	Staff Workload	v.	Result Analysis
g.	Course Design (content, Course Outcomes (COs), Delivery method, mapping of COs with Programme Outcomes (POs), Assessment Pattern interms of Revised Bloom's Taxonomy).	w.	Question Bank Preparation (Semester / Competitive exams-NET, SET, GATE)
h.	Sample CO Assessment Tools	x.	List of mentees and their academic achievements
i.	Faculty Course Assessment Report(FCAR)		
j.	Course Evaluation Sheet		
k.	Teaching Materials (PPT, PDF, Videos, etc)		
l.	Lecture Notes		
m.	Home Assignment Questions		
n.	Tutorial Sheets		
o.	Remedial Class Record, if any		
p.	Projects related to the Course		

14. CURRICULUM STRUCTURE FOR UG PROGRAMME

SEMESTER-1

Part	Course code	List of Courses	Credits	Hrs	Internal	External	Marks
I	U26TAL11	Language-1–Tamil	3	6	40	60	100
II	U26ENL21	Language-2–English	3	6	40	60	100
III	U26CDT101	Core-1:Theory	4	5	40	60	100
	U26CDT102	Core-2:Theory/Practical (Depending on the Discipline)	3	5	40	60	100
	U26CDA11	Allied-1 : Theory/Practical	3	4	40	60	100
IV	U26CDAE11	Ability Enhancement Course – 1	2	2	40	60	100
	U26CDS11	SEC 1- Computer Applications	2	2	40	60	100
Total			20	30			700

SEMESTER-II

Part	Course code	List of Courses	Credits	Hrs	Internal	External	Marks
I	U26TAL12	Language-1–Tamil	3	6	40	60	100
II	U26ENL22	Language-2–English	3	6	40	60	100
III	U26CDT203	Core-3:Theory	4	5	40	60	100
	U26CDP204	Core-4:Theory/ Practical (Depending on the Discipline)	3	5	40	60	100
	U26CDA22	Allied 2	3	4	40	60	100
IV	U26CD2VE	Value Education	2	2	40	60	100
	U26CDNM21	Naan Mudhalvan-1	2	2	25	75	100
Total			20	30			700

SEMESTER-III

Part	Course code	List of courses	Credits	Hrs	Internal	External	Marks
I	U26TAL13	Language -1 Tamil	3	6	40	60	100
II	U26ENL23	Language- 2 English	3	6	40	60	100
III	U26CDT305	Core- 5:Theory- Fabric Structure and Design	4	5	40	60	100
	U26CDP306	Core-6: Theory/ Practical (Depending on the discipline)-Garment Construction Children's Wear	3	5	40	60	100
	U26CDA33	Allied 3 (Theory / Practical)	3	4	40	60	100
IV	U26CDNM32	Naan Mudhalvan-2	2	2	25	75	100
	U26CD301EVS	EVS	2	2	40	60	100
	U26CD301V	Value Added Course – 1 (Additional Credit) Aari Embroidery	1*		100		100
		Total	20+1*	30			800

SEMESTER-IV

Part	Course code	List of courses	Credits	Hrs	Internal	External	Marks
I	U26TAL14	Language-1 Tamil	3	6	40	60	100
II	U26ENL24	Language-2 English	3	6	40	60	100
III	U26CDT407	Core-7:Theory Garment Quality and Cost Control	4	5	40	60	100
III	U26CDP408	Core -8 Theory /Practical (Depending on the discipline) Fiber to Fabric-Practical	3	5	40	60	
	U26CDA44	Allied 4 -Marketing and Merchandising	3	4	40	60	100
IV	U26CDNM43	Naan Mudhalvan-3	2	2	25	75	100
	U26CDN401	Non Major Elective -1 Human Rights	2	2	40	60	100
		Total	20	30			600

SEMESTER-V

Part	Course code	List of courses	Credits	Hrs	Internal	External	Marks
III	U26CDT509	Core- 9:Theory- Fashion Portfolio Development	4	6	40	60	100
	U26CDT510	Core- 10:Theory -Textile Wet processing	4	6	40	60	100
	U26CDP511	Core- 11:Theory/Practical(Depending on the discipline) Garment Construction Adult wear-Practical	3	5	40	60	100
	U26CDP512	Core 12: Textile wet processing-practical	3	5	40	60	100
		Department Specific Elective	3	4	40	60	100
	U26CDE51A	A. Apparel Brand Management					
	U26CDE51B	B. Costumes and Textiles of India					
	U26CDE51C	C. Technical Textiles					
	U26CDI501	Internship	1	-	100	-	100
IV	U26DMG501	Generic Course I–Disaster Management	2	2			100
	U26CDNM54	Naan Mudhalvan-4	2	2	25	75	100
Total			22	30			800

SEMESTER-VI

Part	Course code	List of courses	Credits	Hrs	Internal	External	Marks
III	U26CDT613	Core- 13:Theory-The Business of Fashion	4	6	40	60	100
	U26CDT614	Core- 14:Theory-Fabric Sourcing and Sampling	4	6	40	60	100
	U26CDP615	Core- 15:Theory/Practical(Depending on the discipline) Computer Aided Design-Practical	3	6	40	60	100
	U26CDP616	Core- 16:Project With Viva-Fashion portfolio Development	3	10	40	60	100
IV	U26CDNM65	Naan Mudhalvan-5	2	2	25	75	100
V	U26CD6EXT	Extension Activity ((NSS/NCC/YRC /RRC/ CLUB ACTIVITIES / SCIENCE	2	-	100	-	100

		FORUM/ PHYSICAL EDUCATION)					
	U26CD6PCP	Online /SWAYAM MOOCs /NPTEL/ Professional Certificate Course(Additional Credit)*	2*	-	-	100	100
		Total	18 +2*	30			
		Grand Total	120				4400

*** Additional credit papers**

- VAC in the third semester is mandatory.
- Online / SWAYAM/ MOOC / NPTEL course is mandatory. It can be done anytime during the course but will be reflected in the 6th semester only.

*** Extension Activity:**

Extension activity includes participation in NSS/NCC/RRC/ Science Forum/Physical Education

Total marks: 100 (Purely internal)

Credits: 2

Part	List of Courses	Subject Code	Credits	Hours /week	Internal	External	Marks
	SEMESTER 1						
I	Language-1–Tamil	U26TAL11	3	6	40	60	100
II	Language-2–English	U26ENL21	3	6	40	60	100
III	Core-1:Theory – Fashion Designing	U26CDT101	4	5	40	60	100
	Core-2:Theory – Textile Science	U26CDT102	3	5	40	60	100
	Allied-1:Practical or Theory– Surface Embellishment	U26CDA11	3	4	40	60	100
IV	Ability Enhancement Course – 1:Fashion Sketching Practical	U26CDAE11	2	2	40	60	100
	SEC-1:Computer Applications (General) (T)	U26CDS11	2	2	40	60	100
	Total		20	30	-	-	700
	SEMESTER-II						
I	Language-1–Tamil	U26TAL12	3	6	40	60	100
II	Language-2–English	U26ENL22	3	6	40	60	100
III	Core-3:Theory – Basics of Garment Construction	U26CDT203	4	5	40	60	100
	Core-4:Practical - Basics of Garment Construction	U26CDP204	3	5	40	60	100
	Allied-2:Theory - Fabric Care	U26CDA22	3	4	40	60	100
IV	Value Education (General)	U26CD2VE	2	2	40	60	100
	NaanMudhalvan-1	U26CDNM21	2	2	25	75	100
	Total		20	30	-	-	700

Part	List of Courses	Subject Code	Credits	Hours /week	Internal	External	Marks
	SEMESTER-III						
I	Language -1- Tamil	U26TAL13	3	6	40	60	100
II	Language- 2- English	U26ENL23	3	6	40	60	100
III	Core-5:Theory – Fabric Structure and Design	U26CDT305	4	5	40	60	100
	Core-6:Practical - Garment Construction Children's Wear	U26CDP306	3	5	40	60	100
	Allied-3:Practical – Draping Practical	U26CDA33	3	4	40	60	100
IV	Naan Mudhalvan-2	U26CDNM32	2	2	25	75	100
	EVS	U26CD301E VS	2	2	40	60	100
	Value Added Course – 1 (Additional Credit): Aari Embroidery	U26CD301V	1*	-	100	-	100
Total			20+1*	30	-	-	800
	SEMESTER-IV						
I	Language-1- Tamil	U26TAL14	3	6	40	60	100
II	Language-2 - English	U26ENL24	3	6	40	60	100
III	Core-7: Theory – Garment Quality and Cost Control	U26CDT407	4	5	40	60	100
	Core -8:Practical – Fiber to Fabric	U26CDP408	3	5	40	60	100
	Allied-4: Marketing and Merchandising	U26CDA44	3	4	40	60	100
IV	Naan Mudhalvan-3	U26CDNM43	2	2	25	75	100
	Non Major Elective-1: Human rights	U26CDN401	2	2	40	60	100

Part	List of Courses	Subject Code	Credits	Hours /week	Internal	External	Marks
Total			20	30	-	-	700
	SEMESTER-V						
III	Core- 9:Theory – Fashion Portfolio Development	U26CDT509	4	6	40	60	100
	Core- 10:Theory – Textile Wet Processing	U26CDT510	4	6	40	60	100
	Core-11:Practical Garment Construction - Adult Wear Practical	U26CDP511	3	5	40	60	100
	Core 12: Practical - Textile Wet Processing	U26CDP512	3	5	40	60	100
	Department Specific Elective: A. Apparel Brand Management B. Costumes and Textiles of India C. Technical Textiles	U26CDE51A/ U26CDE51B/ U26CDE51C	3	4	40	60	100
	Internship	U26CDI501	1	-	100	-	100
IV	Generic Course I–Disaster Management	U26DMG501	2	2	-	-	100
	Naan Mudhalvan-4	U26CDNM54	2	2	25	75	100
Total			22	30	-	-	800
	SEMESTER-VI						
III	Core-13:Theory – The Business of Fashion	U26CDT613	4	6	40	60	100
	Core-14:Theory – Fabric Sourcing and Sampling	U26CDT614	4	6	40	60	100
	Core-15:Practical – Computer Aided Design Practical	U26CDP615	3	6	40	60	100

Part	List of Courses	Subject Code	Credits	Hours /week	Internal	External	Marks
	Core- 16:Project with Viva – Fashion Portfolio Development	U26CDP616	3	10	40	60	100
IV	Naan Mudhalvan-5	U26CDNM65	2	2	25	75	100
V	Extension Activity ((NSS/NCC/YRC /RRC/ CLUB ACTIVITIES / SCIENCE FORUM/ PHYSICAL EDUCATION)	U26CD6EXT	2	-	100	-	100
	Online /SWAYAM MOOCs /NPTEL/ Professional Certificate Course(Additional Credit)*	U26CD6PCP	2*	-	-	100	100
Total			18+2*	30	-	-	700
Grand Total			120	-	-	-	4400

SEMESTER I

Course Code	U26CDT101	Semester I	Year I	Credits	L	T	P	Hrs
Core 1		FASHION DESIGNING		4	-	5	-	5
Nature of the Course		Skill enhancement						
Learning objectives	1. Identify fibers and yarns based on their physical and chemical characteristics. 2. Explain the mechanical processes of yarn manufacturing and filament spinning. 3. Operate and differentiate between various weaving, knitting, and non-woven technologies. 4. Analyze fabric structures to identify defects and performance properties. 5. Select appropriate textile materials and construction methods for specific fashion applications.							
Units	Course Contents							
Unit I	Fashion Designing Concept Meaning of Fashion - Origin of Fashion - Classification of Fashion. Factors Influencing Fashion changes. Fashion terminologies – Apparel, Accessories, Classic, Fad, Trend, Fitting, Silhouette, Haute Couture, High fashion, Knock-off, Avant garde, Pret a Porter, Dress form, Mannequin.							
Unit II	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, space and texture. Principles of design and its application in dress – balance, rhythm, emphasis, harmony and proportion.							
Unit III	Standard Colour Harmonies Colour theories - Prang colour chart - Dimensions of colour - hue, value, and intensity. Standard colour harmonies – related, contrast and neutral. Application of colour in principles of design - application of the same in dress design.							
Unit IV	Designing Dresses for Unusual Figures 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, jaw and prominent forehead.							
Unit V	Fashion Evolution Fashion evolution – Fashion cycles - Length of cycles - Consumer groups in fashion cycles – fashion leaders, fashion innovators, fashion motivators, fashion victims and fashion followers. Adoption of Fashion theories–Trickle down, trickle up and trickle across. Types of Fashion Designers - World Fashion Centers.							
Question paper Coverage - 100% theory								
Text book	1. Fashion by Design – Janice Greenberg Ellinwood, Bloomsbury Publishing / Fairchild Books, 2nd Edition, 2021 (covers elements, principles, design process). 2. Fashion: From Concept to Consumer – Gini Stephens Frings, Pearson / Prentice Hall, 9th Edition, 2008 (fashion cycles, industry, consumers). 3. Inside Fashion Design – Sharon Lee Tate, Pearson, 5th Edition, 2003 (design process, figure types).							

	4. Fashion Forecasting – Evelyn L. Brannon, Fairchild Books, 3rd Edition, 2010 (fashion evolution, forecasting, adoption theories).												
Reference Book	1. Fashion Trends and Forecasting: The Fashion Futurists ’Toolkit – Eunsuk Hur, Caroline Hemingray, Stephen Westland (eds.), Routledge / Taylor & Francis, 1st Edition, 2025 (advanced forecasting, trends). 2. Elements and Principles of Fashion Design – The Museum at FIT, FIT Publications, latest edition ~2010s (design basics, color).												
E-Reference	1. https://www.fitnyc.edu/museum/documents/elements-and-principles-of-fashion-design.pdf 2. https://egyankosh.ac.in/bitstream/123456789/92809/1/Unit-1.pdf 3. https://www.uen.org/cte/facs_cabinet/downloads/FashionStrategies/S2O1_ArtFashion.p df												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)									K Level	Learning Outcomes (LO1-LO15)	
	CO1	Identify and describe the fundamental characteristics of textile fibers, yarn manufacturing processes, and fabric construction methods.									K1 & K2	LO 1, LO 11	
	CO2	Apply knowledge of fiber properties and spinning techniques to select appropriate materials for specific garment end-uses.									K3	LO 4, LO 5	
	CO3	Compare the structural differences, performance qualities, and defect patterns between woven, knitted, and non-woven fabrics.									K 4	LO 3, LO 8	
	CO4	Evaluate the efficiency of various weaving and spinning technologies, including shuttleless looms and modern spinning methods, for industrial production.									K 5	LO 8, LO 3, LO 10	
	CO5	Formulate specifications for innovative textile products by integrating diverse yarn types, fabric structures, and specialized finishing techniques.									K5 & K6	LO 6, LO 4, LO 15	
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	3	1	2	1	2	1	3	1	1.7		
	CO2	2	3	3	2	1	2.2	2	3	2	2.3		
	CO3	1	3	1	2	2	1.8	1	3	2	2		
	CO4	1	2	1	3	2	1.8	1	2	3	2		
	CO5	2	2	2	3	3	2.4	2	2	3	2.3		
	Overall score for PO							2.04	Overall score for		2.06	2.05	

			PSO		
	Strongly Correlating (S)	-	3 Marks		
	Moderately Correlating (M)	-	2 Marks		
	Weakly Correlating (W)	-	1 Mark		
	No Correlation (N)	-	0 Mark		
Teaching–Learning & Assessment Framework					
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.		Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment Integrated Mode- Seminars, SWOT analysis Oral Mode- End of the class quiz, Rapid fire, Group discussion			

Course Code	U26CDT102	Semester I	Year I	Credits	L	T	P	Hrs
Core 2		TEXTILE SCIENCE		3	-	5	-	5
Nature of the Course		Skill enhancement, Employability						
Learning objectives	1. Identify and classify diverse textile fibers and yarn structures. 2. Explain conventional and modern spinning and weaving technologies. 3. Distinguish between woven, knitted, and non-woven fabric constructions. 4. Diagnose fabric defects and manufacturing inefficiencies across production lines. 5. Recommend specific textile materials based on structural and chemical properties.							
Units	Course Contents							
Unit I	Fiber- definition - introduction to textile fibers - classification of textile fibers - natural fibers - cotton, jute, wool and silk fibers - physical and chemical Properties of fibers - uses of the above fibers. Manmade fibers – viscose rayon, acrylic, nylon and polyester fibers - properties of fibers - uses of the above fibers. Yarn - types and characteristics of yarns - ply yarns, cable yarns, double yarns, novelty yarns.							
Unit II	Yarn Manufacturing Conventional ring spinning method - modern spinning methods. Passage of material through open end spinning - Friction spinning - Airjet spinning and Twistless spinning. Filament yarn spinning methods - wet spinning - dry spinning - melt spinning.							
Unit III	Weaving Preparation for weaving – warping – sizing - looming. Weaving definition - mechanism of weaving- primary motion - secondary motion - ancillary motion. Parts and functions of a simple loom - classification of looms -salient features of automatic looms and shuttle looms - types of shuttle less looms – rapier – projectile – air jet – water jet. Identification of woven fabric defects.							
Unit IV	Comparison Between Woven Fabrics and Knitted Fabrics Knitting- definition - comparison between knitted and woven fabrics. Classification of knitted fabrics - weft knitting - plain knit stitch - rib stitch - warp knitting - tricot knit – raschel knit - jacquard knit -pile knit - terry knit and velour knit. Identification of knitted fabric defects.							
Unit V	Non-woven Fabrics Non-wovens – definition - classification of non-woven fabrics - web forming technique - finishing techniques. Felted fabrics - felting process - types of felt - properties and uses of felt. Characteristics of non-wovens - uses of non-woven fabrics.							
Question paper Coverage - 100% theory								
Text book	1. Introduction to Textile Science – Marjory L. Joseph, Holt, Rinehart and Winston / Cengage Learning, 9th Edition, 2003 (fiber classification, properties, yarn formation, fabric weaves). 2. Textile Science – Sara J. Kadolph & Anna L. Langford, Pearson, 10th Edition, 2010 (fiber identification, yarn types/counts, fabric construction methods).							

	3. Textbook of Fabric Science: Fundamentals to Finishing, 4th edition — Seema Sekhri, 2022.			
Reference Book	1. Fabric for Fashion: The Complete Guide – Clive Hallett & Amanda Johnston, Laurence King Publishing, 1st Edition, 2014 (fiber to fabric processes, properties, end uses). 2. Principles of Textile Testing – A. R. B. M. Yusuf, CRC Press, 3rd Edition, 2018 (fiber/yarn testing, properties evaluation). 3. Textilepedia – Fashionary International Limited, Fashionary, 2nd Edition, 2016 (fiber/yarn/fabric properties, construction, blends).			
E-Reference	1. https://nios.ac.in/media/documents/vocational/Handloom_weaving/Handloom_weaving_course_Eng/Fiber_to_Fabric_eng.pdf 2. https://ebooks.inflibnet.ac.in/hsp08/chapter/textile-fibers/ (Inflibnet Textile Fibers chapter – crimp, cohesion, uniformity) 3. https://nptel.ac.in/courses/116102026 (NPTEL Fiber Classification & Properties modules) 4. https://egyankosh.ac.in/bitstream/123456789/92809/1/Unit-1.pdf			
Course learning outcomes	On successful completion of the course, the students will be able to			
	CO	Course Outcomes (CO)	K Level	Learning Outcomes (LO1-LO15)
	CO1	Describe the fundamental properties of fibers, yarns, and the basic mechanisms of weaving, knitting, and non-woven production.	K1 & K2	LO1, LO2, LO5, LO11
	CO2	Apply principles of spinning and fabric construction to select appropriate manufacturing methods for specific textile end-uses.	K3	LO1, LO4, LO5, LO15
	CO3	Differentiate between various yarn structures, loom motions, and knitting stitches to determine their impact on fabric performance.	K 4	LO1, LO3, LO5, LO8
	CO4	Critique the quality of woven and knitted textiles by identifying defects and comparing the efficiency of modern versus conventional production techniques.	K 5	LO3, LO8, LO10, LO13
	CO5	Formulate optimized process flows for creating specialized fabrics while assessing the functional suitability of the final textile product.	K5 & K6	LO4, LO6, LO14, LO15

Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs
	CO	PO1	P O 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score	
	CO1	3	3	1	2	1	2	1	3	1	1.7	
	CO2	2	3	2	3	1	2.2	2	3	2	2.3	
	CO3	2	3	1	2	2	2	1	3	2	2	
	CO4	1	3	1	3	2	2	1	2	3	2	
	CO5	2	2	2	3	3	2.4	2	2	3	2.3	
	Overall score for PO						2.12	Overall score for PSO			2.06	2.09
	Strongly Correlating (S)						-	3 Marks				
	Moderately Correlating (M)						-	2 Marks				
Weakly Correlating (W)						-	1 Mark					
No Correlation (N)						-	0 Mark					
Teaching–Learning & Assessment Framework												
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.							Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.					

Course Code	U26CDA11	Semester I	Year I	Credits	L	T	P	Hrs
Allied 1		SURFACE EMBELLISHMENT PRACTICAL		3	-	-	4	4
Nature of the Course		Skill enhancement, Entrepreneurship						
Learning objectives	1. Mastery of hand and machine embroidery stitches. 2. Proficiency in bead, sequin, and mirror application. 3. Competence in applique, patchwork, and quilting construction. 4. Skill in creating decorative smocking and drawn thread work. 5. Ability to produce professional-grade surface design samples.							
Exercises	Course Contents							
I	Create Hand Embroidery Samples • Outline stitches • Filling stitches • Loop stitches • Cross stitches							
II	Create Embroidery Samples using Machine • Running stitch • Edge finishing stitch • Granite Stitch • Picoting/ Cording							
III	Create Samples for the Following • Bead work • Sequin work • Ribbon embroidery • Mirror work • Drawn thread work							
IV	Create Samples with Applique, Patch work and Quilting • Applique work • Geometric patch work • Quilting							
V	Create Samples with Smocking • Chinese Smocking • French Smocking							
Question paper Coverage - 100% practical								
Text book	1. Embroidery: The Art of Surface Stitching – Jacqueline Stewart, B.T. Batsford, 1st Edition, 2005 (basic stitches, applique, quilting, fabric painting). 2. Complete Book of Embroidery Stitches – Sheila Smith, Search Press, 2013 (running, chain, satin, herringbone, feather, traditional variations). 3. Machine Embroidery: Art and Design – Valerie Michael, The Crowood Press, 2019 (machine embroidery, samples, surface design).							
Reference	1. Hand Embroidery Stitches for everyone 2nd Edition (2021) - Juby Aleyas Koll and							

Book	Roxy Mathew Koll. 2. Creative Machine Embroidery – Beth Wheeler, Landauer Books, 2015 (machine applique, quilting, patchwork). 3. The Technique of Indian Embroidery – Maharaja Sayajirao University Press, 1985 (regional embroideries, motifs, French motifs comparison).			
E-Reference	1. https://bharatskills.gov.in/pdf/E_Books/SOT1sem_TT.pdf (Bharat Skills Surface Ornamentation Techniques PDF – stitches, tools, traditional embroidery) 2. https://www.vam.ac.uk/articles/indian-embroidery 3. https://www.fitnyc.edu/museum/documents/elements-and-principles-of-fashion-design.pdf (FIT Elements & Principles – embroidery design basics) 4. https://en.wikipedia.org/wiki/Embroidery_of_India (Wikipedia Indian Embroideries – Kantha, Chikankari, Kasuti, Zardozi, Kutch details)			
Course learning outcomes	On successful completion of the course, the students will be able to			
	CO	Course Outcomes (CO)	K Level	Learning Outcomes (LO1-LO15)
	CO1	Identify various hand embroidery, machine stitching, and fabric decoration techniques.	K1 & K2	LO1, LO11, LO12
	CO2	Execute diverse embellishment methods including smocking, quilting, and needlework on fabric samples.	K3	LO4, LO5, LO15
	CO3	Distinguish between different textural effects created by varied stitches, beads, and applique methods.	K 4	LO3, LO5, LO8
	CO4	Assess the quality, durability, and aesthetic finish of completed surface decoration samples.	K 5	LO3, LO8, LO13
	CO5	Design and construct original embellished panels by integrating multiple advanced decorative techniques.	K5 & K6	LO4, LO6, LO14, LO15

Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	P O 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	3	2	1	1	2	3	2	1	2		
	CO2	2	3	3	1	1	2	3	2	1	2		
	CO3	2	3	2	2	1	2	2	3	1	2		
	CO4	1	2	1	3	3	2	1	2	3	2		
	CO5	3	2	3	2	2	2.4	3	1	2	2		
	Overall score for PO						2.08	Overall score for PSO			2	2.04	
	Strongly Correlating (S)							-	3 Marks				
	Moderately Correlating (M)							-	2 Marks				
Weakly Correlating (W)							-	1 Mark					
No Correlation (N)							-	0 Mark					
Teaching–Learning & Assessment Framework													
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.							Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.						

Course Code	U26CDAE11	Semester I	Year I	Credits	L	T	P	Hrs
AEC 1		FASHION SKETCHING PRACTICAL		2	-	-	2	2
Nature of the Course		Skill enhancement						
Learning objectives	1. Sketch human features and limbs accurately across various perspectives. 2. Apply head-count theories to illustrate age-appropriate and stylized fashion figures. 3. Implement elements and principles of design to create functional garment sketches. 4. Utilize diverse color harmonies and schemes to enrich fashion illustrations. 5. Design cohesive wardrobes for children, women, and men.							
Exercises	Course Contents							
I	Illustrate the Following in Different Perspectives Sketch the following components for male and female figures. • Eyes • Ears • Nose • Lips • Hairstyles • Arms • Legs							
II	Illustrate the Following based on Head Theories Sketch the face of male and female in different views. • Child - 6 head • Women – 8 head, 10 head and 12 head • Man – 10 head • Front view & Side views for the same							
III	Illustrate the Following Children's Garments Sketch the Designs and Colour using any medium based on Prang colour scheme. • Jabla with Panty • Baba suit with knicker • Frocks - Casual and Party Wear							
IV	Illustrate the Following Women's Garments Sketch designs using principles and elements of design and enrich it using dimensions of colour. • Skirts • Tops • Salwar • Kameez • Maxi/Gown							
V	Illustrate the Following Men's Garments Sketch designs and enrich it using colour harmonies (Monochromatic - Analogs, Complementary, Double complementary, Split Complementary, Triad, Quadratic and Neutral). • T-Shirts • Shirts							

	• Pants • Kutas • Pyjamas			
Question paper Coverage - 100% practical				
Text book	1. Fabric for Fashion: The Complete Guide – Clive Hallett & Amanda Johnston, Laurence King Publishing, 2nd Edition, 2018 (motifs, color schemes, fabric design principles). 2. Fashion by Design – Janice Greenberg Ellinwood, Fairchild Books / Bloomsbury, 2nd Edition, 2021 (design elements/principles, color, perspective for apparel). 3. How to Draw Children’s Figures – Irina V. Ivanova, Independently Published, 2023 (children’s proportions 6-10 years, front/side views, static/motion).			
Reference Book	1. Sourcing Ideas for Textile Design – Tracy Kendall, Bloomsbury Publishing, 1st Edition, 2020 (motif development, color research, surface printing). 2. A Field Guide to Fabric Design – Kimberly Kight, C&T Publishing, 1st Edition, 2011 (motif repeats, color palettes, design layouts). 3. Textile Designs: 200 Years of Patterns – Susan Meller & Joost Elffers, Thames & Hudson, Revised Edition, 2012 (motifs by color/period, printed fabrics).			
E-Reference	1. https://cbseacademic.nic.in/web_material/publication/cbse/34ElementTextileDesigningXI.pdf 2. https://ebooks.inflibnet.ac.in/hsp07/chapter/elements-of-design/ 3. https://www.fitnyc.edu/museum/documents/elements-and-principles-of-fashion-design.pdf			
Course learning outcomes	On successful completion of the course, the students will be able to			
	CO	Course Outcomes (CO)	K Level	Learning Outcomes (LO1-LO15)
	CO1	Identify anatomy, head theories, and garment categories essential for fashion illustration.	K1 & K2	LO1, LO5, LO11
	CO2	Illustrate human features and garments using correct proportions and color schemes.	K3	LO4, LO11, LO15
	CO3	Examine the relationship between body perspectives and design elements in varied perspectives.	K 4	LO3, LO5, LO8
	CO4	Review design compositions based on Prang color theories and principles of design.	K 5	LO3, LO5, LO8, LO13
	CO5	Construct original fashion ensembles for diverse demographics and assess their aesthetic harmony.	K5 & K6	LO4, LO6, LO12, LO14

Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	P O 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	1	2	1	1	1.6	3	1	1	1.7		
	CO2	3	1	3	1	1	1.8	3	1	2	2		
	CO3	2	2	3	2	1	2	3	2	1	2		
	CO4	3	2	2	1	2	2	3	1	3	2.3		
	CO5	3	2	3	2	3	2.6	3	2	3	2.7		
	Overall score for PO						2	Overall score for PSO			2.14	2.07	
	Strongly Correlating (S)							-	3 Marks				
	Moderately Correlating (M)							-	2 Marks				
Weakly Correlating (W)							-	1 Mark					
No Correlation (N)							-	0 Mark					
Teaching–Learning & Assessment Framework													
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.							Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.						

SEMESTER II

Course Code	U26CDT203	Semester II	Year I	Credits	L	T	P	Hrs
Core 3		BASICS OF GARMENT CONSTRUCTION		4	-	5	-	5
Nature of the Course		Skill enhancement						
Learning objectives	1. Operate sewing machinery and utilize specialized tailoring tools proficiently. 2. Execute accurate body measurements for standard male and female attire. 3. Develop, alter, and grade patterns using drafting and draping techniques. 4. Distinguish and apply various sleeve, collar, and yoke constructions. 5. Optimize fabric usage through professional layout and fitting standards.							
Units	Course Contents							
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 and 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 and its types - fitting - standards of a good fit.							
Unit III	Sleeves and its Types Sleeves – definition - types - set-in-sleeves, plain sleeve, puff sleeve, bishop sleeve, bell and circular sleeve. Sleeves with modified armhole, squared armhole. Sleeves extended from the shoulder - Cap sleeve and Magyar sleeve. Sleeves combined with bodice –raglan, kimono and dolman.							
Unit IV	Types of Collars and Yokes Collars – definition - types - Peter pan, scalloped, puritan, sailor, square, rippled, full shirt collar, open collar, Chinese, turtle neck and shawl collar. Yokes – definition - types - simple yoke, yoke with fullness and 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 and sleeves.							
Question paper Coverage - 100% theory								
Text book	1. Practical Clothing Construction – Part I, Mary Mathews, Cosmic Press, Chennai ,1986. 2. Practical Clothing Construction – Part II, Mary Mathews, Cosmic Press, Chennai ,1986. 3. Zarapker system of cutting –Zarapker. K. R., Navneet publications Ltd ,1994.							
Reference Book	1. Grading Women’s and Kids ’Garments by Mueller & Sohn: Focuses on pattern grading methods, size charts, and increments for collars, shirts, and layouts.							

	2. Basics of Garment Construction (NCERT Vocational): Basic stitches, seams, tools, and methods matching syllabus samples.												
	3. Professional Pattern Grading for Women’s, Men’s, and Children’s Apparel by Jack Handford: Teaches manual grading principles for equipment-listed items like fitted garments.												
E-Reference	1. https://www.fitnyc.edu/museum/documents/elements-and-principles-of-fashion-design.pdf												
	2. https://egyankosh.ac.in/bitstream/123456789/92809/1/Unit-1.pdf												
	3. https://www.uen.org/cte/facs_cabinet/downloads/FashionStrategies/S2O1_ArtFashion.p df												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)								K Level	Learning Outcomes (LO1-LO15)		
	CO1	Identify sewing tools, machine parts, and the fundamental principles of pattern making, sleeves, collars, and yokes.								K1 & K2	LO1, LO5, LO11		
	CO2	Demonstrate correct body measurement techniques and pattern layout procedures for various men’s and women’s garments.								K3	LO4, LO5, LO11		
	CO3	Examine the relationship between fabric grain, garment fit, and the structural design of different sleeve and collar types.								K 4	LO3, LO5, LO8		
	CO4	Assess the standards of a good fit and the effectiveness of pattern alterations for diverse body types.								K 5	LO3, LO8, LO13, LO15		
	CO5	Construct manual pattern gradings and develop original garment drafts by integrating yokes and specialized design elements.								K5 & K6	LO4, LO6, LO11, LO14		
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	2	3	1	1	2	3	2	1	2		
	CO2	2	1	3	3	1	2	3	1	2	2		
	CO3	2	3	2	2	1	2	2	3	1	2		
	CO4	1	2	3	2	2	2	3	1	3	2.3		
	CO5	2	1	3	3	3	2.4	3	1	3	2.3		
	Overall score for PO						2.08	Overall score for PSO			2.12	2.1	

	Strongly Correlating (S)	-	3 Marks
	Moderately Correlating (M)	-	2 Marks
	Weakly Correlating (W)	-	1 Mark
	No Correlation (N)	-	0 Mark
Teaching–Learning & Assessment Framework			
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.		Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.	

Course Code	U26CDP204	Semester II	Year I	Credits	L	T	P	Hrs
Core 4		BASICS OF GARMENT CONSTRUCTION PRACTICAL		3	-	-	5	5
Nature of the Course		Skill enhancement						
Learning objectives	1. Master basic sewing and seam finishing techniques. 2. Manipulate fabric fullness using darts, tucks, and yokes. 3. Construct functional openings including plackets, zippers, and fasteners. 4. Execute professional finishes for necklines, hems, and pockets. 5. Assemble structural components like sleeves, collars, and skirts.							
Exercise	Course Contents							
I	Preparation of Samples for the Following - Seams—Plain seam, top stitched seams, flat fell seam, piped seam and lapped seam. - Seam Finishes—double stitch, edge stitched and over lock (optional). - Hems—narrow, stitched and turned. - Darts –single and double pointed darts. - Tucks—Pin tuck and cross tucks. - Neckline Finishes—Bias facing, Bias binding and Shaped facing. - Plackets—continuous placket, bound and faced placket and zipper placket. - Fasteners—Press buttons, Hook and eye, Button and Buttonhole. - Pocket—Patch pocket, side seam pocket, bound and faced pocket. - Skirts (any type). - Sleeves – Plain sleeve. - Collars - Flat Collar (any type). - Yoke (any type).							
Question paper Coverage - 100% practical								
Text book	1. Practical Clothing Construction – Part I, Mary Mathews, Cosmic Press, Chennai, 1986. 2. Practical Clothing Construction – Part II, Mary Mathews, Cosmic Press, Chennai, 1986. 3. Zarapker system of cutting –Zarapker. K. R., Navneet publications Ltd, 1994.							
Reference Book	1. Clothing Construction by Evelyn A. Rowe/Mansfield: Manual on sewing processes, samples for curved seams, plackets, patches, and step-by-step garment building. 2. Readers Digest Complete Guide to Sewing and Dressmaking: Step-by-step on preparing test samples, pockets, plackets, gathers, and edge finishes. 3. Simple Clothing by Type by Mary M. Brooks: Focuses on stitches, seams, darts, pleats, and practical samples for beginners.							
E-Reference	1. eGyanKosh: Fundamentals of Textiles: Free PDF on fabric construction techniques, weaves, and processing for garment prep MKJC Costume Design Syllabus PDF: Lists syllabus books with practical notes on sample prep (darts, seams, pockets) and techniques. 2. Internet Archive: Mary Brooks Picken Method of Modern Dressmaking: Full text on basting, seams, darts, felled seams, pleats, and sample stitching.							

	3. Scribd Basics of Garment Construction PDF: Charts and steps for temporary/permanent stitches, seams, edge finishes matching test samples.												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)									K Level	Learning Outcomes (LO1-LO15)	
	CO1	Identify fundamental garment components and explain the principles of various construction techniques.									K1 & K2	LO1, LO5, LO11	
	CO2	Demonstrate the correct usage of sewing tools and machinery to execute basic stitches and seams.									K3	LO4, LO10, LO11	
	CO3	Examine the relationship between fabric types and specific construction methods like darts, tucks, and finishes.									K 4	LO3, LO5, LO8	
	CO4	Assess the quality, durability, and neatness of finished samples against industry standard specifications.									K 5	LO3, LO8, LO13, LO15	
	CO5	Construct complete garment components and integrate fasteners to produce functional prototypes.									K5 & K6	LO4, LO6, LO11, LO14	
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	2	3	1	1	2	3	2	1	2		
	CO2	2	2	3	3	1	2.2	3	2	2	2.3		
	CO3	1	3	2	2	2	2	2	3	1	2		
	CO4	1	2	2	3	3	2.2	2	1	3	2		
	CO5	2	1	3	3	3	2.4	3	1	3	2.3		
	Overall score for PO						2.16	Overall score for PSO			2.12	2.14	
	Strongly Correlating (S)							-	3 Marks				
	Moderately Correlating (M)							-	2 Marks				
Weakly Correlating (W)							-	1 Mark					
No Correlation (N)							-	0 Mark					
Teaching–Learning & Assessment Framework													
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.							Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.						

Course Code	U26CDA22	Semester II	Year I	Credits	L	T	P	Hrs
Allied 2			FABRIC CARE	3	-	4	-	4
Nature of the Course			Skill enhancement					
Learning objectives	1. Master water softening and detergent selection techniques. 2. Execute professional stain removal and finishing processes. 3. Operate and maintain modern laundry and ironing equipment. 4. Apply specialized laundering methods for diverse fabric types. 5. Interpret global care labels for optimal garment preservation.							
Units	Course Contents							
Unit I	Water, Laundry Soaps and Detergents Water - hard and soft water - methods of softening water. Laundry soaps-composition of soap - types of soap - soap less detergents –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 and their application. Stain removal - common methods for removing stains - food stains, lead pencil, lipstick, mildew, nose drops, paint, perfume, perspiration, tar, turmeric and kum - kum.							
Unit III	Washing, Drying and Ironing Washing– points to be noted before washing. Machine– types - semi-automatic and fully automatic- top loading and front loading - wash cycles in a washing machine. Drying equipment - 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 and lace materials.							
Unit V	Storing, Dry Cleaning and Care Labels Storing– methods of storing clothes and best way to store clothes. Dry cleaning – Benefits -differences between dry cleaning and laundry - steps in dry cleaning. Care labels – importance –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.							
Question paper Coverage - 100% theory								
Text book	1. Wingate IB, Textiles fabrics and their Selection, Prentice - HallInc Publishers, 1984. 2. Fundamentals of Textiles and their Care - Susheela Dantyagi, Orient Longmann Ltd,1980.							
Reference Book	1. Mildred T. Tate and Glisson O, Family Clothing, John Wiley & Sons Inc,Illinois,1961. 2. Durga Deulkar, Household Textiles and Laundry Work, Amla Ram & Sons, Delhi, 1994.							

E-Reference	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.coats.com/en/Information-Hub/Care-Labels#:~:text=Labels%20should%20be%20designed%20based,5)%20Wringing%20%26%206)%20Drying 3. https://www.customclothinglabels.com/uses/why-are-care-labels-so-important/#:~:text=Care%20labels%20are%20essential%20when,run%20could%20ruin%20the%20fabric.												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)							K Level	Learning Outcomes (LO1-LO15)			
	CO1	Ascertain the properties of water, cleaning agents, and the fundamental principles of laundering and stain removal.							K1 & K2	LO1, LO5, LO11			
	CO2	Establish appropriate techniques for washing, drying, ironing, and storing various textile materials and specialty goods.							K3	LO4, LO5, LO15			
	CO3	Examine the chemical composition of soaps and detergents and the specific requirements for different fabric finishes and care labels.							K 4	LO1, LO3, LO8, LO13			
	CO4	Appraise the effectiveness of diverse stain removal methods and the performance of various laundry equipment and dry cleaning processes.							K 5	LO3, LO8, LO10, LO13			
	CO5	Develop comprehensive fabric care plans and evaluate the suitability of international care labelling systems for garment maintenance.							K5 & K6	LO4, LO6, LO12, LO15			
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO2	PO3	PO4	PO5	Mean Score	PSO1	PSO2	PSO3	Mean Score		
	CO1	2	3	1	2	1	1.8	1	3	2	2		
	CO2	2	2	2	3	2	2.2	2	2	3	2.3		
	CO3	1	3	1	2	2	1.8	1	3	2	2		
	CO4	2	3	1	3	3	2.4	1	2	3	2		
	CO5	2	2	2	2	3	2.2	2	2	3	2.3		

	Overall score for PO	2.08	Overall score for PSO	2.12	2.1
	Strongly Correlating (S)	-	3 Marks		
	Moderately Correlating (M)	-	2 Marks		
	Weakly Correlating (W)	-	1 Mark		
	No Correlation (N)	-	0 Mark		
Teaching–Learning & Assessment Framework					
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.		Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.			

SEMESTER III

Course Code	U26CDT305	Semester III	Year II	Credits	L	T	P	Hrs
Core 5		FABRIC STRUCTURE AND DESIGN		4	-	5	-	5
Nature of the Course		Skill enhancement, Employability						
Learning objectives	1. Proficiency in representing fabric designs through technical drafts and lifting plans. 2. Deep understanding of elementary, derivative, and complex weave geometries. 3. Ability to implement extra-yarn figuring and intricate surface textures. 4. Skill in developing multi-layered and pile-based textile architectures. 5. Competence in creating functional and decorative woven fabric specifications.							
Units	Course Contents							
Unit I	Elements of Woven Design and Basic Weaves Elements of woven design - methods of fabric representation - draft and lifting plan – construction of basic/elementary weaves – plain, basket/mat weave, warp rib, weft rib - twill - modifications of twills - ordinary or continuous twills - Zig zag - pointed or wavy twills - rearranged twill - combination twills - broken twills - figured and other related twill weaves- satin and sateen weaves and their derivatives.							
Unit II	Types of Weaves Honeycomb and its modification -Ordinary and Brighten. Huck a back and its modifications. Crepe weaves and Mock leno.							
Unit III	Figured Fabrics Extra warp and extra weft figuring – single and two colours planting. Backed fabric - warp and weft backed fabrics.							
Unit IV	Pile Fabrics 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 Double cloth – classification - self-stitched – face to back - back to face and Both. Centre stitched–warp and weft - Inter changing double cloth.							
Question paper Coverage - 100% theory								
Text book	1. Gokarneshan N, Fabric Structure and Design, New Age International Publishers Ltd, New Delhi, 2004. 2. Design and Structure of Textile Fabrics - S. P. Mishra, 2024.							
Reference Book	1. Advanced Woven Fabric Design - Hayavadana, 2024.							
E-Reference	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-loom							
Course learning outcomes	On successful completion of the course, the students will be able to							
	CO	Course Outcomes (CO)				K Level	Learning Outcomes (LO1-	

													LO15)
	CO1	Identify and describe the fundamental interlacing patterns, drafting systems, and structural characteristics of basic to complex woven fabrics.										K1 & K2	LO1, LO5, LO11
	CO2	Illustrate the construction of elementary weaves, twill derivatives, and specialized structures like honeycombs, piles, and double cloths.										K3	LO4, LO5, LO11
	CO3	Study the relationship between draft, lifting plans, and fabric geometry to differentiate between various figuring and backing techniques.										K 4	LO3, LO5, LO8
	CO4	Assess the density, fastness, and structural integrity of pile and multi-layer fabrics for specific functional applications.										K 5	LO3, LO8, LO13, LO15
	CO5	Design original weave patterns and interchanging double cloth structures while validating their technical feasibility and aesthetic merit.										K5 & K6	LO4, LO6, LO14, LO15
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	3	1	2	1	2	1	3	2	2		
	CO2	2	3	2	3	1	2.2	2	3	1	2		
	CO3	1	3	1	3	2	2	1	3	2	2		
	CO4	1	3	1	2	3	2	1	2	3	2		
	CO5	2	2	2	3	3	2.4	2	2	3	2.3		
	Overall score for PO						2.12	Overall score for PSO			2.06	2.09	
	Strongly Correlating (S)							-	3 Marks				
Moderately Correlating (M)							-	2 Marks					
Weakly Correlating (W)							-	1 Mark					
No Correlation (N)							-	0 Mark					
Teaching–Learning & Assessment Framework													
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.							Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.						

Course Code	U26CDP306	Semester III	Year II	Credits	L	T	P	Hrs
Core 6		GARMENT CONSTRUCTION CHILDREN'S WEAR PRACTICAL		3	-	-	5	5
Nature of the Course		Skill enhancement, Entrepreneurship						
Learning objectives	1. Master precise body measurements for children. 2. Draft accurate patterns for diverse styles. 3. Execute professional garment assembly techniques. 4. Select appropriate fabrics for kidswear. 5. Perfect decorative and functional finishing skills.							
Exercise	Course Contents							
I	Design, Draft and Construct the Following Garments for Children • Bib • Panty • Jabla • Knicker • Shirt with/without yoke • Aline frock • Summer frock • Skirt • Top							
Question paper Coverage - 100% practical								
Text book	1. Practical Clothing Constructing –Part I and II, Mary Mathews, Cosmic Press, Chennai, 1986. 2. Zarapker System of Cutting-Zarapker. Klted. R, Navneet Publications, 1994. 3. Inside Fashion Design – Sharon Lee Tate, Pearson, 5th Edition, 2003 (design process, figure types). 4. Garment construction:A complete course on making Clothing for fit and fashion- Helen Joseph – Armstrong.							
Reference Book	1. Cutting and tailoring Course Gayatri Verma & Kapil Dev, Compu tech Publications, 2009. 2. Elements and Principles of Fashion Design – The Museum at FIT, FIT Publications, latest edition ~2010s (design basics, color).							
E-Reference	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												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)									K Level	Learning Outcomes (LO1-LO15)	
	CO1	Ascertain the fundamental principles of design, fabrics, and measurements required for various children's garments.									K1 & K2	LO 1, LO 5, LO 12	
	CO2	Demonstrate the drafting and cutting techniques for basic children's wear including bibs, panties, and jablas.									K3	LO 4, LO 11	
	CO3	Examine the construction requirements and material suitability for functional garments like knickers and shirts.									K 4	LO 3, LO 5, LO 8	
	CO4	Assess the quality of stitching and finishing techniques used in frocks, skirts, and tops for durability and comfort.									K 5	LO 8, LO 9, LO13, LO15	
	CO5	Create and validate complete children’s outfits from initial design to final finished garment.									K5 & K6	LO 4, LO 6, LO 14	
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	2	3	1	1	2	3	2	1	2		
	CO2	2	1	3	3	1	2	3	1	2	2		
	CO3	2	3	3	2	2	2.4	2	3	1	2		
	CO4	1	2	2	3	3	2.2	2	1	3	2		
	CO5	2	1	3	3	3	2.4	3	1	3	2.3		
	Overall score for PO						2.2	Overall score for PSO			2.06	2.13	
	Strongly Correlating (S)							-					3 Marks
	Moderately Correlating (M)							-					2 Marks
Weakly Correlating (W)							-					1 Mark	
No Correlation (N)							-					0 Mark	
Teaching–Learning & Assessment Framework													
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.							Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.						

Course Code	U26CDA33	Semester III	Year II	Credits	L	T	P	Hrs
Allied 3		DRAPING PRACTICAL		3	-	-	4	4
Nature of the Course		Skill enhancement, Entrepreneurship						
Learning objectives	1. Prepare professional dress forms and fabric for draping. 2. Construct basic bodice and skirt patterns through draping. 3. Execute diverse yoke designs with varying fullness. 4. Develop functional collar patterns directly on the form. 5. Master grain alignment and fabric grain manipulation.							
Exercises	Course Contents							
I	Preparation of Body Forms - Mark the chest line with style tape. - Mark the empire/under chest line with style tape. - Mark the waistline with style tape. - Mark the hip line with style tape. - Mark the center front, center back and neckline.							
II	Preparation of Fabric - Measure the fabric needed, slash and tear accordingly. - Remove creases by ironing the fabric. - Straighten the fabric.							
III	Drape the Following Patterns - Draping of bodice front. - Draping of bodice back. - Draping of skirt with fullness							
IV	Drape the Following Yokes - Simple yoke - Yoke with fullness - Midriff yoke							
V	Drape the Following Collars - Peter Pan collar - Mandarin collar - Shawl collar							
Question paper Coverage - 100% practical								
Text book	1. Draping for Apparel Design, 3rd Edition-Helen Joseph and Armstrong, Bloomsbury Academic, 2013. 2. Fashion Moulage Technique - Danilo Attardi 1st edition, 2021.							
Reference Book	1. Draping for Fashion Design, Hilde Jaffe, Prentice Hall, 2000. 2. Draping for Apparel Design, Helen Joseph and Armstrong, Bloomsbury Academic, 2008.							

	3. Draping for Fashion Design, Hilde Jaffe and Nurie Relis, Pearson/Prentice Hall, 2005.											
E-Reference	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://www.moodfabrics.com/blog/intro-to-draping-dress-form-muslin-basics/											
Course learning outcomes	On successful completion of the course, the students will be able to											
	CO	Course Outcomes (CO)							K Level	Learning Outcomes (LO1-LO15)		
	CO1	Identify and describe the fundamental tools, body landmarks, and fabric preparation techniques essential for draping.							K1 & K2	LO 1, LO 5, LO 11		
	CO2	Apply standard draping procedures to translate two-dimensional fabric into three-dimensional basic bodice and skirt patterns.							K3	LO 4, LO 11		
	CO3	Analyze the relationship between grainline, fit, and fabric manipulation when draping diverse yokes and collars.							K 4	LO 3, LO 5, LO 8		
	CO4	Evaluate the accuracy of draped patterns against body measurements to ensure proper fit, balance, and design integrity.							K 5	LO 8, LO13, LO 15		
	CO5	Create original garment components by integrating advanced draping techniques for varied silhouettes and neckline finishes.							K5 & K6	LO 4, LO 6, LO 14		
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score	
	CO1	3	2	3	1	1	2	3	2	1	2	
	CO2	2	1	3	3	1	2	3	1	2	2	
	CO3	1	3	3	2	2	2.2	3	3	1	2.3	
	CO4	1	2	2	3	3	2.2	2	1	3	2	
	CO5	3	1	3	2	3	2.4	3	1	3	2.3	
	Overall score for PO						2.16	Overall score for PSO			2.12	2.14
	Strongly Correlating (S)							-	3 Marks			
	Moderately Correlating (M)							-	2 Marks			
	Weakly Correlating (W)							-	1 Mark			
	No Correlation (N)							-	0 Mark			

Teaching–Learning & Assessment Framework	
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.	Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.

Course Code	U26CDS33	Semester III	Year II	Credits	L	T	P	Hrs
SEC 3		HOME TEXTILES		2	-	2	-	2
Nature of the Course		Skill enhancement						
Learning objectives	1. Identify diverse home textile categories and current market trends. 2. Select appropriate materials for floor, wall, and window treatments. 3. Execute proper care and maintenance protocols for household linens. 4. Assess the durability and functionality of soft furnishings for various rooms. 5. Coordinate textile elements to enhance interior aesthetics and utility.							
Units	Course Contents							
Unit I	Home Textiles – An Introduction Introduction to home textiles – definition - types of home textiles - factors influencing the selection of home textiles - recent trends in home textiles							
Unit II	Floor and Wall Coverings Floor and wall coverings – definition - types of floors covering –hard, soft and resilient floor coverings - uses and care and maintenance of floor coverings. Wall covering- definition – uses - care and maintenance of wall coverings							
Unit III	Door and Window Treatments Door and window treatments – definition and parts of door and windows. Curtains and draperies – definition and materials used for curtains and draperies - types of Curtains –draw, tailored, pleated. Accessories - rod shook, rails, racks, curtain tapes and pins.							
Unit IV	Soft Furnishings Linens for Living and Bedrooms Introduction to living and bedroom linens - uses & care - sofa covers - wall hangings – cushions - cushion covers – upholsteries - bed sheets - bed covers – blankets – comforts – bedspreads – mattress - pillow and pillow covers – pads. Bathroom linens– types, uses & care.							
Unit V	Soft Furnishings for Kitchen and Dining Halls Soft furnishings for kitchen and dining halls - types of kitchen linens – uses and care - kitchen towel – aprons – dishcloth – fridge - grinder and mixer covers - mittens. Types of dining – tablemats - dish/pot holders - cutlery holders - fruit baskets - hand towels.							
Question paper Coverage - 100% theory								
Text book	1. Home Comforts-The Arts and Science of Keeping Home, Cheryl Mendelson, Scriber, New York, 2005. 2. Cushions and Pillows - Professional Skills–Made Easy, Hamlyn Octopus, Octopus Publishing Group, New York, 2001. 3. The Ultimate Sewing Book 200 Sewing Ideas for You and Your Home, MagiMcMc Cormick Gordon, Collins and Brown, London, 2002.							
Reference Book	1. Design and make curtains, Heather Luke, New Holl and publishers, London, 1999. 2. Cornucopia of Cushions, Susie Johns, Apple Press, London, 1997. 3. Artin Everyday Life, Harriet Goldstein and Vetta Goldstein, The Macmillian Company, 2004.							

	4. Performance of Home Textiles, Subrata Das, Wood head Publishing India Pvt.Limited,2010.												
	5. Home Furnishing, V. Ramesh Babu and S. Sundaresan, Wood head Publishing India Pvt. Limited,2018.												
E-Reference	1. https://www.homestratosphere.com/types-curtains/												
	2. https://bettersleep.org/mattress-education/mattress-accessories/pillow-types/												
	3. 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												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)								K Level	Learning Outcomes (LO1-LO15)		
	CO1	Define and describe the various types, materials, and trends of home textiles and soft furnishings.								K1 & K2	LO 1, LO 5, LO 11		
	CO2	Apply principles of selection and maintenance to manage floor, wall, and window treatments effectively.								K3	LO 4, LO 5, LO 15		
	CO3	Analyze the functional and aesthetic requirements of linens used in living, bed, and bath areas.								K 4	LO 3, LO 5, LO 8		
	CO4	Evaluate the quality and suitability of kitchen and dining textiles for specific domestic applications.								K 5	LO 8, LO13, LO 15		
	CO5	Design and justify integrated textile solutions for diverse interior spaces based on performance and style.								K5 & K6	LO4, LO6, LO12, LO14		
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	3	1	2	1	2	2	3	1	2		
	CO2	2	2	2	3	1	2	1	3	2	2		
	CO3	1	3	1	2	3	2	1	3	2	2		
	CO4	1	2	1	3	3	2	1	2	3	2		
	CO5	2	2	2	2	3	2.2	3	1	3	2.3		
	Overall score for PO						2.04	Overall score for PSO			2.06	2.05	

	Strongly Correlating (S)	-	3 Marks
	Moderately Correlating (M)	-	2 Marks
	Weakly Correlating (W)	-	1 Mark
	No Correlation (N)	-	0 Mark
Teaching–Learning & Assessment Framework			
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.		Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.	

Course Code	U26CD3VAC	Semester III	Year II	Credits	L	T	P	Hrs
Value Added Course 1		AARI EMBROIDERY		1	-	-	-	-
Nature of the Course		Skill enhancement, Employability, Entrepreneurship						
Learning objectives	1. Proficiency in handling Aari needles and setting up the embroidery frame. 2. Ability to execute neat chain stitches and decorative motifs on diverse fabrics. 3. Skill in tracing and decorating blouse necks, sleeves, and saree borders. 4. Mastery of cleaning, finishing, and ensuring the durability of handcrafted work. 5. Competence in costing, pricing, and managing local sales or orders.							
Exercises	Course Contents							
I	Basic Introduction & Materials 1. Aari work introduction (simple meaning and use) 2. Uses of Aari work in blouses, sarees, and dresses 3. Types of fabrics (cotton, silk, net – basic idea) 4. Tools used: Aari needle, frame (adda), threads 5. Basic materials: beads, stones, sequins 6. How to fix cloth on frame 7. Safety and handling of tools							
II	Simple Stitches Practice 1.Chain stitch (main Aari stitch) 2.Straight line and curve practice 3.Simple border designs 4.Small flower and leaf designs 5.Neat finishing methods 6.Practice on small samples							
III	Basic Designing & Decoration 1.Simple design drawing (tracing method) 2.Colour selection (easy combinations) 3.Beads work (basic) 4.Sequins work (simple patterns) 5.Stone fixing (basic method) 6.Making small decorative designs							
IV	Applying Aari Work on Products 1.Blouse simple neck designs 2.Sleeve designs 3.Simple saree border work 4.Dupatta small motifs 5.Combining stitches and materials 6.Time-saving techniques							
V	Final Practice & Small Business Skills 1.Making one complete product (blouse piece / dupatta) 2.Finishing and cleaning the work 3.Basic costing (how to fix price) 4.Taking simple orders from customers							

	5.Introduction to selling (local market / friends / WhatsApp) 6.Confidence building and practice			
Question paper Coverage - 100% practical				
Text book	1. “A–Z of Embroidery Stitches” – Country Bumpkin, 2014 2. “Beginner’s Guide to Embroidery” – Various Authors, 2017 3. “Indian Embroidery” – Shailaja D. Naik, 1996 4. “Traditional Indian Textiles” – John Gillow & Nicholas Barnard, 2014			
Reference Book	1. Handmade in India: A Geographic Encyclopedia of Indian Handicrafts – Aditi Ranjan & M.P. Ranjan, Mapin Publishing, 2009. 2. The Shoemaker’s Stitch: Mochi Embroideries of Gujarat – Shilpa Shah & Rosemary Crill, TAPI Collection, 2021. 3. Chikankari: A Lucknawi Tradition – Paola Manfredi, Niyogi Books, 2022. 4. Needlework Through History: An Encyclopedia – Catherine Amoroso Leslie, Bloomsbury Publishing, 2014.			
E-Reference	1. http://letslearnembroidery.blogspot.in/2012/01/aari-embroidery.html 2. http://needlework.craftgossip.com/learn-aari-embroidery/2012/01/16/ 3. http://www.aiacaonline.org/craftmark-certified-processes-aari-embroidery.asp 4. YouTube videos on aari work - basics for beginners and aari work for blouse			
Course learning outcomes	On successful completion of the course, the students will be able to			
	CO	Course Outcomes (CO)	K Level	Learning Outcomes (LO1-LO15)
	CO1	Identify the fundamental tools, materials, and fabric types used in traditional Aari embroidery.	K1 & K2	LO 1, LO 5, LO 11
	CO2	Demonstrate proficiency in executing basic chain stitches, beadwork, and sequin patterns on various fabric samples.	K3	LO 4, LO 9, LO11, LO15
	CO3	Observe design layouts and colour combinations to select the most effective tracing and stitching methods for specific garments.	K 4	LO 3, LO 5, LO 8
	CO4	Assess the quality of finished embroidery work and calculate appropriate pricing based on material costs and labour time.	K 5	LO 3, LO 8, LO 13
	CO5	Design and produce a complete embroidered product while managing customer requirements and small business marketing strategies.	K5 & K6	LO 4, LO 6, LO 9, LO10, LO14

Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs
	CO	PO1	P O 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score	
	CO1	3	3	1	2	1	2	3	2	1	2	
	CO2	2	3	2	2	1	2	3	3	1	2.3	
	CO3	2	2	2	1	2	1.8	3	2	1	2	
	CO4	1	2	1	3	3	2	1	1	3	1.7	
	CO5	2	1	2	2	3	2	3	1	3	2.3	
	Overall score for PO						2	Overall score for PSO			2.06	2.03
	Strongly Correlating (S)							-	3 Marks			
	Moderately Correlating (M)							-	2 Marks			
Weakly Correlating (W)							-	1 Mark				
No Correlation (N)							-	0 Mark				
Teaching–Learning & Assessment Framework												
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.							Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.					

SEMESTER IV

Course Code	U26CDT407	Semester IV	Year II	Credits	L	T	P	Hrs
Core 7		GARMENT QUALITY AND COST CONTROL		4	-	5	-	5
Nature of the Course		Skill enhancement, Employability						
Learning objectives	1. Understand quality standards and cost structures. 2. Execute material testing and inspection protocols. 3. Identify and troubleshoot production defects. 4. Calculate apparel costs and marker efficiency. 5. Implement statistical tools for process optimization.							
Units	Course Contents							
Unit I	Quality Management Fundamentals Quality concepts – objectives - functions in garmenting. TQM principles - 14 points (Deming) - ISO 9001 overview. Cost of quality – prevention – appraisal – failure.							
Unit II	Fabric and Material Quality Control Raw material inspection - fabric defects - GSM/tear tests. Yarn/fibre quality - supplier evaluation. Color fastness - shrinkage standards - AATCC/BIS.							
Unit III	Process Quality Control Spreading - cutting quality control - sewing defects - stitch classes, seam pucker. Finishing - pressing checks. In-line and end-line inspection systems (4/10-point). AQL sampling.							
Unit IV	Costing Methods and Analysis Apparel cost structure - fabric (60-70%) - labor – trims - overheads. Cost sheets - marker efficiency for cost savings. Break-even and variance analysis.							
Unit V	Advanced Quality Control and Optimization SPC - control charts - root cause tools – Paret -Fishbone. Waste cost reduction strategies - sustainable quality control - eco-labels							
Question paper Coverage - 100% theory								
Text book	1. Besterfield, D.H. Total Quality Management, 3rd Ed. (Pearson, 2011) - Chapters on TQM principles and tools. 2. Nayak, R. & Padhye, R. Garment Manufacturing Technology (Woodhead Publishing, 2015) - Quality Control processes and testing. 3. Krishankumar, M. Apparel Costing (Abhishek Publications, 2018) - Cost sheets and control. 4. Mehta, P.V. Quality Management Handbook for the Apparel Industry (Prentice Hall, 1996) - Garment-specific Quality Control.							
Reference Book	1. GyanKosh: Block-5 Apparel Costing. 2. LEAD: Garment Quality Control Course. 3. Scribd: Production & Quality Control in Garments. 4. NPTEL: Quality Management in Textiles.							

E-Reference	1. https://www.fitnyc.edu/museum/documents/elements-and-principles-of-fashion-design.pdf 2. https://egyankosh.ac.in/bitstream/123456789/92809/1/Unit-1.pdf 3. https://www.uen.org/cte/facs_cabinet/downloads/FashionStrategies/S2O1_ArtFashion.p df												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)									K Level	Learning Outcomes (LO1-LO15)	
	CO1	Describe the fundamental concepts of quality management, TQM principles, and the basic elements of garment production costs.									K1 & K2	LO 1, LO 5	
	CO2	Apply standardized inspection techniques and testing methods to evaluate fabric quality and production process parameters.									K3	LO 4, LO 8, LO 10	
	CO3	Analyze garment defects, sewing inconsistencies, and cost variances to identify root causes in the manufacturing cycle.									K 4	LO 2, LO 3, LO 5, LO 8	
	CO4	Evaluate the effectiveness of sampling plans, AQL levels, and cost-control strategies to ensure overall product compliance.									K 5	LO 8, LO13, LO 15	
	CO5	Develop optimized quality control frameworks and cost-efficient production plans integrating sustainable practices and SPC tools.									K5 & K6	LO 4, LO 6, LO14, LO15	
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	2	2	1	3	2	2	1	2	3	2		
	CO2	1	3	1	3	2	2	1	3	3	2.3		
	CO3	1	3	2	3	3	2.4	2	2	3	2.3		
	CO4	2	2	1	3	3	2.2	1	1	3	1.7		
	CO5	2	1	2	3	3	2.2	2	1	3	2		
	Overall score for PO							2.16	Overall score for PSO		2.06	2.11	

	Strongly Correlating (S)	-	3 Marks
	Moderately Correlating (M)	-	2 Marks
	Weakly Correlating (W)	-	1 Mark
	No Correlation (N)	-	0 Mark
Teaching–Learning & Assessment Framework			
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.		Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.	

Course Code	U26CDP408	Semester IV	Year II	Credits	L	T	P	Hrs
Core 8		FIBER TO FABRIC PRACTICAL		3	-	-	5	5
Nature of the Course		Skill enhancement, Employability						
Learning objectives	1. Accurately distinguish fibers through physical and chemical testing. 2. Measure yarn fineness and twist using standard apparatus. 3. Determine fabric density and construction parameters for different materials. 4. Assess durability and dimensional stability against washing and moisture. 5. Execute standardized procedures to verify textile material specifications.							
Exercises	Course Contents							
I	Identification of Textile Fibers • Microscopic method. • Flame test. • Chemical test.							
II	Testing of Yarn and Fibers • Yarn count using Wrap Reel. • Yarn count using Besley's Balance. • Yarn twist.							
III	Testing of Fabric • Fabric weight • Fabric count by Raveling method. • Fabric count with Pick Glass. • Course length and loop length of knitted fabric. • Colour fastness to washing. • Fabric shrinkage test. • Fabric absorbency test.							
Question paper Coverage - 100% practical								
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, 1984.							
Reference Book	1. Identification of Textile Fibers Edition by Max M. Houck, Woodhead Publishing in Textiles, Cambridge, New Delhi,2009. 2. Textile science, Gohi, CBS Publishers and Distributors, India,2005.							
E-Reference	1. https://textilelearners.com/textile-fibers-identification-process/ 2. https://www.textilesphere.com/2020/04/identification-of-textile-fibers.html							
Course learning	On successful completion of the course, the students will be able to							

outcomes	CO	Course Outcomes (CO)						K Level	Learning Outcomes (LO1-LO15)			
	CO1	Classify various textile fibers using microscopic, thermal, and chemical analysis techniques.						K1 & K2	LO 1, LO 5, LO 8			
	CO2	Validate the use of laboratory instruments to determine yarn count, twist, and physical properties.						K3	LO 2, LO 4, LO10, LO11			
	CO3	Analyze the structural parameters and color fastness properties of woven and knitted fabrics.						K 4	LO 3, LO 5, LO 8			
	CO4	Assess fabric performance based on weight, shrinkage, and absorbency test results.						K 5	LO 8, LO13, LO 15			
	CO5	Design a comprehensive quality assessment report by integrating fiber, yarn, and fabric test data.						K5 & K6	LO 4, LO 6, LO11, LO14			
Mapping of COs with POs & PSOs	Programme Outcomes (PO)						Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score	
	CO1	1	3	1	2	1	1.6	1	3	2	2	
	CO2	1	3	2	3	2	2.2	1	3	3	2.3	
	CO3	2	3	2	2	3	2.4	2	3	2	2.3	
	CO4	1	3	1	3	3	2.2	1	2	3	2	
	CO5	2	2	2	3	3	2.4	2	2	3	2.3	
	Overall score for PO						2.16	Overall score for PSO			2.18	2.17
	Strongly Correlating (S)						-	3 Marks				
	Moderately Correlating (M)						-	2 Marks				
	Weakly Correlating (W)						-	1 Mark				
No Correlation (N)						-	0 Mark					
Teaching–Learning & Assessment Framework												
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.							Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.					

Course Code	U26CDA44	Semester IV	Year II	Credits	L	T	P	Hrs
Allied 4		MARKETING AND MERCHANDISING		3	-	4	-	4
Nature of the Course		Skill enhancement, Employability						
Learning objectives	1. Identify core marketing and merchandising functions. 2. Predict consumer trends and buying behaviors. 3. Execute market research and digital strategies. 4. Manage visual displays and retail operations. 5. Develop integrated fashion marketing plans.							
Units	Course Contents							
Unit I	Introduction to Marketing Marketing – meaning - marketing management philosophies - marketing and fashion marketing. The fashion market–structure and size. Marketing environment–micro and macro marketing. Marketing mix–product – price - promotion and place. Marketing functions – digital marketing – meaning - scope and advantages.							
Unit II	Fashion Products and the Consumer Marketing fashion products–importance and classification of products. Product mix and range planning. Fashion product life cycle - fashion consumer - role of consumer behavior in marketing - types of consumer decisions - decision process - factors that influence decisions-consumer attitudes - consumer motivation - consumer personality – opinion – leadership - family and social status.							
Unit III	Marketing Communication, Research and Forecasting Fashion marketing communications – traditional approach - integrated approach. Fashion marketing research – purpose and significance - stages in the research process. Fashion forecasting– meaning and importance - basics of predicting trends – colour – theme – shape- key events- target market - trend forecasting process.							
Unit IV	Types of Merchandisers Merchandiser – essential qualities of a merchandiser - types and functions of merchandisers - fashion merchandiser - visual merchandiser - export merchandiser and retail merchandiser. Visual merchandising – elements of visual merchandising – needs – psychology – types of display - elements of display.							
Unit V	Store management in merchandising Store management in merchandising - introduction – objectives - types of stores - location of a store - store layout - types of store layouts and space allocation. Store design - introduction - concept of store design - exterior of a store - interior of a store. Merchandise presentation-tools and techniques.							
Question paper Coverage - 100% theory								
Text book	1. Fashion Marketing, Mike Easey, Wiley- Black well Publishing.2009. 2. Fashion Merchandising and Merchandising, MaryG. Wolfe, The Good heart-WillcoxCo., Inc, Illinois, 2014. 3.Fashion Marketing Management, V. Ramesh and A. Arunraj Babu, Woodhead							

	Publishing India,2019.											
Reference Book	1. Marketing, Philip Kotler, Gary Armstrong, Veronica Wong, John Saunders, Pearson Education, India, 2008. 2. Fashion-from Concept to Consumer,9th Edition, Gini Stephens Frings, Pearson Education Ltd, Harlow, 2014.											
E-Reference	1. https://www.iknockfashion.com/need-of-trend-forecasting/ 2. http://www.createafashionbrand.com/the-5-basics-of-trend-prediction/ 3. https://www.fibre2fashion.com/industry-article/7054/decoding-the-process-of-trend-forecasting-in-fashion 4. https://textilelearner.blogspot.com/2013/10/role-of-merchandiser-in-apparel-industry.html											
Course learning outcomes	On successful completion of the course, the students will be able to											
	CO	Course Outcomes (CO)							K Level	Learning Outcomes (LO1-LO15)		
	CO1	Describe the core principles of fashion marketing, the marketing mix, and the various roles within merchandising.							K1 & K2	LO 1, LO 5, LO 11		
	CO2	Apply consumer behaviour theories and research techniques to solve practical marketing and range planning challenges.							K3	LO 4, LO 6, LO 15		
	CO3	Analyze fashion trends, environmental factors, and store layouts to optimize market positioning and product flow.							K 4	LO 3, LO 5, LO 8		
	CO4	Evaluate the effectiveness of integrated marketing communications and visual merchandising strategies in driving retail performance.							K 5	LO 8, LO10, LO 14		
	CO5	Design and critique comprehensive store management plans and creative merchandising presentations for the fashion industry.							K5 & K6	LO 4, LO 6, LO 7, LO12, LO13		
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score	
	CO1	2	1	1	2	3	1.8	2	1	3	2	
	CO2	2	1	2	2	3	2	2	1	3	2	

	CO3	1	2	1	3	3	2	1	2	3	2	
	CO4	2	1	1	3	3	2	2	1	3	2	
	CO5	3	1	2	3	3	2.4	3	1	3	2.3	
	Overall score for PO						2.04	Overall score for PSO			2.06	2.05
	Strongly Correlating (S)						-	3 Marks				
	Moderately Correlating (M)						-	2 Marks				
	Weakly Correlating (W)						-	1 Mark				
No Correlation (N)						-	0 Mark					
Teaching–Learning & Assessment Framework												
Teaching Methodology						Assessment Types						
Experiential learning, Flipped Learning, Blended Learning, Participative Learning.						Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment.						
						Integrated Mode- Seminars, SWOT analysis.						
						Oral Mode- End of the class quiz, Rapid fire, Group discussion.						

SEMESTER V

Course Code		Semester V	Year III	Credits	L	T	P	Hrs
Core 9		FASHION PORTFOLIO DEVELOPMENT		4	-	6	-	6
Nature of the Course		Employability, Entrepreneurship						
Learning objectives	1. Synthesize research into cohesive visual boards and trend forecasts. 2. Select and manipulate appropriate textiles for specific design aesthetics. 3. Execute technical illustrations and 3D virtual garment prototypes. 4. Assemble professional digital portfolios using industry-standard software. 5. Develop precise tech packs for sustainable garment manufacturing.							
Units	Course Contents							
Unit I	Research Analysis And Conceptualization Research analysis and conceptualization of elements and principles of design. Collection of research materials – sketchbook - mood boards - story boards - inspiration boards - digital mood boards (Canva/Miro) - AI trend forecasting tools (Heuritech).							
Unit II	Materials, Fibers and Fabrics Fibres, yarns and fabric types - non-fabrics – fusibles – colourants - dyes and prints – embroidery - fabric manipulations - three-dimensional embellishments (properties, source markets, market characteristics) - smart textiles - sustainable/eco-friendly fabrics - digital textile printing							
Unit III	Design Development Elements Development and refinement of individual garments. Selection and editing of ideas. Technical drawing - fashion illustration - CAD for sketching and colour/design templates (Adobe Illustrator, CLO3D basics for 3D visualisation).							
Unit IV	Portfolio Building Introduction to portfolio building for fashion designers - idea storage bank - focused portfolios - specialized portfolios - diverse market segments - presentation techniques. Methods to create digital portfolios with all boards - interactive PDFs (Adobe InDesign) for research – material – design - development boards - online platforms (Behance, personal websites via WordPress) - AR tools for 3D garment previews - digital tech packs (Excel/PLM software) - video process reels embedding complete board sequences							
Unit V	Garment Production Garment production steps - sizing charts - pattern development – grading – sewing/construction techniques - sustainable production practices - digital tech pack preparation - fit evaluation standards.							
Question paper Coverage - 100% theory								
Text book	1. Karl Appel & Gert: The Product Design Process (3rd Edition), Fairchild Books, 2015. 2. Simon Sequin: Basics Design 01: Research and Design, Fairchild Books. 3. John Hopkins: Fashion Design: The Complete Guide, Fairchild Books, 2012.							
Reference Book	1. Anna Kiper: Fashion Portfolio: Design & Presentation, 2014. 2. Kathryn Hagen: Portfolio for Fashion Designers, Fairchild Books, 2012.							

E-Reference	1. CLO3D Official Tutorials: 3D Fashion Design Basics (clo3d.com/learning)[goodreads] 2. Adobe Illustrator for Fashion Illustration Guides (helpx.adobe.com/illustrator/tutorials.html) 3. WGSN Digital Trend Forecasting Platform (wgsn.com) - Free trial tutorials 4. Behance Fashion Portfolio Creation Tutorials (help.behance.net) 5. Sustainable Fashion Materials eBook: Sustainable Fashion Materials: Innovations and Future.												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)									K Level	Learning Outcomes (LO1-LO15)	
	CO1	Identify and explain the fundamental principles of design, textile properties, and the stages of the garment production cycle.									K1 & K2	LO 1, LO 11	
	CO2	Apply technical drawing skills, fabric manipulation techniques, and CAD tools to develop initial design concepts and material explorations.									K3	LO 4, LO10, LO 11	
	CO3	Analyze market trends, research materials, and fiber characteristics to select appropriate elements for a cohesive design direction.									K 4	LO 3, LO 5, LO 6	
	CO4	Evaluate garment fit, production feasibility, and the effectiveness of digital presentation methods against industry standards.									K 5	LO 8, LO13, LO 15	
	CO5	Construct a comprehensive professional portfolio featuring 3D visualizations, digital tech packs, and sustainable production strategies.									K5 & K6	LO 4, LO 9, LO10, LO14	
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO 1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	2	2	2	1	2	2	2	2	2		
	CO2	3	1	3	1	1	1.8	3	1	2	2		
	CO3	2	3	2	2	3	2.4	2	3	2	2.3		
	CO4	1	2	2	3	3	2.2	1	2	3	2		
	CO5	3	1	3	3	3	2.6	3	1	3	2.3		
	Overall score for PO						2.2	Overall score for PSO			2.12	2.16	

	Strongly Correlating (S)	-	3 Marks
	Moderately Correlating (M)	-	2 Marks
	Weakly Correlating (W)	-	1 Mark
	No Correlation (N)	-	0 Mark
Teaching–Learning & Assessment Framework			
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.		Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion, Portfolio.	

Course Code	U26CDT510	Semester V	Year III	Credits	L	T	P	Hrs
Core 10		TEXTILE WET PROCESSING		4	-	6	-	6
Nature of the Course		Skill enhancement, Employability						
Learning objectives	1. Execute standard textile pre-treatment and finishing sequences. 2. Select appropriate dyes and machinery for various fibre types. 3. Perform diverse printing techniques from traditional to digital. 4. Implement functional and aesthetic surface modifications. 5. Manage sustainable effluent treatment and modern textile trends.							
Units	Course Contents							
Unit I	Wet Processing Process and Basic Finishes Process sequence of textile wet processing - finishes types – basic finishes - aesthetic finishes - functional finishes and special purpose finishes. Basic finishes – singeing – desizing – scouring - bleaching and mercerizing – process sequence and methods.							
Unit II	Aesthetic, Functional and Special Finishes Aesthetic finishes – glazed – embossed - napped finish. Functional finishes – water repellant - flame retardant - antistatic finish. Special purpose finishes – fragrance – antibacterial - stone wash and enzyme wash in denim. Recent trends – introduction - nano finishes							
Unit III	Dyes and Dyeing Machines Dyes – classification and suitability of dyes to the fabric. Stages of dyeing – fiber – yarn - fabric and garment dyeing. Natural dyes and its significance. Dyeing machines – loose – stock – fiber - bale – hank/package – jigger – winch – HT&HP -beam – jet and padding mangles. Garment dyeing machines							
Unit IV	Direct Printing Printing – difference between dyeing and Printing. Preparation of printing paste - properties and types of Thickeners. Direct printing – block printing - screen printing – rotary screen printing.							
Unit V	Resist, Discharge Printing and Effluent Treatment Resist printing – Tie and Dye and Batik - process sequence and techniques. Discharge printing - other methods – digital Printing - heat transfer printing. Effluent treatment - process sequence in effluent treatment Plant.							
Question paper Coverage - 100% theory								
Text book	1. Textile Chemistry, Paters R.H, Elsevier Publishing,1967. 2. Technology of Textile Processing, ShenaiV.A., Sevak publications, Bombay,1981. 3. Textile Finishing, Shenai.V.A. Sevak Publications, Mumbai,1999.							
Reference Book	1. Functional Finishes, Menachem Lewin and StephenB.Sello, Marcel Dekker, Inc., 1984. 2. Textile Finishing, R.S. Prayag, ShreeJ Printers, India, 1994.							
E-Reference	1. https://textilecourse.blogspot.com/2018/08/working-process-printing- 2. http://www.neoakruthi.com/blog/etp-for-textile-industry.html							

	3. https://textilelearner.blogspot.com/2011/08/flow-chart-of-wet-processing-process.html 4. https://www.textileschool.com/343/fabric-wet-processing-techniques/ 5. https://www.fibre2fashion.com/industry-article/1699/special--finishes-to-garment-an-overview												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)						K Level	Learning Outcomes (LO1-LO15)				
	CO1	Describe the sequence of wet processing, types of finishes, and the fundamental principles of dyeing, printing, and effluent treatment.						K1 & K2	LO 1, LO 5, LO11				
	CO2	Apply appropriate chemical pre-treatments, dyeing methods, and printing techniques to various textile substrates.						K3	LO 4, LO10, LO11				
	CO3	Analyze the suitability of specific dyes, machinery, and finishing agents based on fiber properties and desired functional requirements.						K 4	LO 3, LO 5, LO 8				
	CO4	Assess the effectiveness of different finishing processes and the environmental impact of effluent treatment stages.						K 5	LO 8, LO13, LO15				
	CO5	Formulate integrated processing routes for specialty garments and assess the performance of advanced finishes like nano and digital printing.						K5 & K6	LO 4, LO 6, LO14. LO15				
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	2	3	1	2	2	2	1	3	2	2		
	CO2	1	3	2	3	1	2	2	3	1	2		
	CO3	1	3	1	3	2	2	1	3	2	2		
	CO4	1	3	1	2	3	2	1	2	3	2		
	CO5	2	2	2	3	3	2.4	2	2	3	2.3		

	Overall score for PO	2.08	Overall score for PSO	2.06	2.07
	Strongly Correlating (S)	-	3 Marks		
	Moderately Correlating (M)	-	2 Marks		
	Weakly Correlating (W)	-	1 Mark		
	No Correlation (N)	-	0 Mark		
Teaching–Learning & Assessment Framework					
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.		Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.			

Course Code	U26CDP511	Semester V	Year III	Credits	L	T	P	Hrs
Core 11		GARMENT CONSTRUCTION ADULT WEAR PRACTICAL		3	-	-	5	5
Nature of the Course		Skill enhancement, Entrepreneurship						
Learning objectives	1. Draft accurate patterns for diverse adult garments. 2. Master industrial stitching and finishing techniques. 3. Construct traditional and contemporary ethnic wear. 4. Interpret design sketches into functional apparel. 5. Ensure precision in garment fit and assembly.							
Exercises	Course Contents							
I	Design, Draft and Construct the following garments for Women • Saree petticoat • Salwar • Kameez • Wrap around skirt and tops • Maxi							
II	Design, Draft and Construct the following garments for Men • Shorts with elastic waistband and side seam pocket. • Shirt with open / stand collar • Kurta • Pyjama							
Question paper Coverage - 100% practical								
Text book	1. Practical Clothing Constructing -PartI and II, Mary Mathews, Cosmic Press, Chennai,1986. 2. Zarapker System of Cutting- Zarapker.K. R, Navneet Publications ltd, India,2011.							
Reference Book	1. Cutting and sewing theory, Gayatri Verma, KapilDev, Computech Publication Ltd, India,2019. 2. Pattern cutting and making up, the professional approach, Martin M. Shoben and JanetP. Ward, Routledge Taylor and Francis Group, London and New York, Revised edition,2011.							
E-Reference	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							

Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)								K Level	Learning Outcomes (LO1-LO15)		
	CO1	Find the essential components, measurements, and construction sequences required for basic men's and women's adult wear.								K1 & K2	LO1, O5		
	CO2	Execute precise drafting, cutting, and stitching techniques to construct various traditional and contemporary garments.								K3	LO 4, LO11, LO 15		
	CO3	Examine the relationship between fabric properties and garment silhouettes to ensure proper fit and drape for different styles.								K 4	LO 3, LO 5, LO 8		
	CO4	Assess the quality of finished garments based on structural integrity, finishing details, and functional comfort.								K 5	LO 8, LO 9, LO13, LO15		
	CO5	Design and develop customized patterns for complex adult apparel while justifying the selection of specific design elements.								K5 & K6	LO 4, LO6, LO14		
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	2	3	1	1	2	3	2	1	2		
	CO2	2	1	3	3	1	2	3	1	2	2		
	CO3	1	3	3	2	2	2.2	2	3	1	2		
	CO4	1	2	2	3	3	2.2	2	1	3	2		
	CO5	2	1	3	3	3	2.4	3	1	3	2.3		
	Overall score for PO						2.16	Overall score for PSO			2.06	2.11	
	Strongly Correlating (S)							-	3 Marks				
	Moderately Correlating (M)							-	2 Marks				
Weakly Correlating (W)							-	1 Mark					
No Correlation (N)							-	0 Mark					
Teaching-Learning & Assessment Framework													
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.							Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.						

Course Code	U26CDP512	Semester V	Year III	Credits	L	T	P	Hrs
Core 12		TEXTILE WET PROCESSING PRACTICAL		3	-	-	5	5
Nature of the Course		Skill enhancement, Employability						
Learning objectives	1. Perform essential textile pre-treatments effectively. 2. Apply diverse dye classes accurately. 3. Execute traditional and modern printing methods. 4. Master creative resist-dyeing and batik techniques. 5. Evaluate finished textile quality and effects.							
Exercises	Course Contents							
I	Preparation of Samples for Processing - Desizing - Scouring - Bleaching							
II	Dyeing of Fabric Using Suitable Dyes - Direct dye - Acid dye - Reactive dye - Natural dye							
III	Print the Fabric Using Suitable Dyes /Pigments - Block printing – wooden and vegetable blocks. - Stencil printing. - Tie and Dye - object tying, sunburst, knotting & folding. - Batik printing – crackled effect, freehand drawing and nail block.							
Question paper Coverage - 100% practical								
Text book	1. Textile Processing, Printing, Dyeing, Finishing - J. L. Smith, 2018. Abhishek publications. 2. Basics of Textile Dyeing & Printing - Dr. Maulik Shah, 2025. 3. Guide to Wet Textile Processing Machines - J. N. Shah, 2015. 4. Principles of Textile Finishing - Asim Kumar Roy Choudhury, 2017. elsevier							
Reference Book	1. Textile Dyeing - Peter J. Hauser, 2011. Intechopen 2. Introduction to Textiles and Finishing Materials - Shabbir Mohd. and Sheikh Javed N., 2020.							
E-Reference	1. https://www.youtube.com/watch?v=whm0UxZ9gnQ 2. https://www.hamstech.com/blog/significance-of-dyeing-printing-in-fashion-designing/							
Course learning	On successful completion of the course, the students will be able to							

outcomes	CO	Course Outcomes (CO)						K Level	Learning Outcomes (LO1-LO15)			
	CO1	Describe the fundamental principles and mechanisms of textile pre-treatment, dyeing, and printing processes.						K1 & K2	LO 1, LO 5, LO 11			
	CO2	Execute standardized procedures for desizing, scouring, bleaching, dyeing, and printing on various fabric samples.						K3	LO 4, LO10, LO 11			
	CO3	Compare the effects of different dye classes and printing techniques on the aesthetic and functional properties of textiles.						K 4	LO 3, LO 5, LO 8			
	CO4	Assess the quality and efficiency of wet processing treatments based on colorfastness, exhaustion, and fabric finish.						K 5	LO 8, LO13, LO 15			
	CO5	Design and produce original printed and dyed patterns using specialized resist and block techniques while justifying the method used.						K5 & K6	LO 4, LO 6, LO14, LO15			
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score	
	CO1	2	3	1	2	2	2	1	3	2	2	
	CO2	1	3	2	3	1	2	2	3	1	2	
	CO3	1	3	1	3	2	2	1	3	2	2	
	CO4	1	3	1	2	3	2	1	2	3	2	
	CO5	2	2	2	3	3	2.4	3	2	3	2.7	
	Overall score for PO						2.08	Overall score for PSO			2.14	2.11
	Strongly Correlating (S)							-	3 Marks			
	Moderately Correlating (M)							-	2 Marks			
Weakly Correlating (W)							-	1 Mark				
No Correlation (N)							-	0 Mark				
Teaching-Learning & Assessment Framework												
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.							Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.					

Course Code	U26CDE51A	Semester V	Year III	Credits	L	T	P	Hrs
Elective 1A		APPAREL BRAND MANAGEMENT		3	-	4	-	4
Nature of the Course		Skill enhancement, Employability						
Learning objectives	1. Grasp the core principles and historical evolution of global and domestic apparel branding. 2. Execute effective brand identity, personality, and positioning strategies within the fashion retail sector. 3. Perform detailed market analysis and brand mapping to understand competitive advantages. 4. Design multi-channel marketing campaigns using digital media, influencers, and fashion events. 5. Monitor and maintain brand health through systematic audits and longitudinal tracking methods.							
Units	Course Contents							
Unit I	Significance of Branding Brand – definition – evolution – functions and brand significance. Branding – types and strategies. International apparel brands - identification of perspectives and challenges to build brand - Indian garment brands and prospects of Indian brands.							
Unit II	Brand Positioning Importance of branding positioning – basic branding concepts – brand image - brand identity - brand equity. Brand personality - meaning and definition – types – elements. Brand ambassadors - celebrity branding - brand loyalty - major branding decisions. Positioning strategies of international garment retailers.							
Unit III	Brand Appraisal Brand appraisal – definition and methods – exploration – market – consumers - competition analysis - reasoning of brands - importance and methods involved – laddering - emotional and rational. Brand mapping – circle- prism and triangle.							
Unit IV	Brand Communication Brand communication – definition - objectives and importance. Integrated Marketing Communication (IMC) - meaning and roles - advertising - types and media selection - digital communication - social media – influencers - content marketing - e-commerce platforms - fashion shows and events. Role in brand promotion. Brand storytelling- concept and importance.							
Unit V	Brand Measurement Brand measurement - definition - need and methods– audit, track, brand overtime, managing.Brand image - need - concepts of management - forces affecting brand and maintenance of brand - study on brands - brand management of Indian garment.							
Question paper Coverage - 100% theory								
Text book	Brand Management: Texts and Cases, Niraj. Kumar, Himalaya PublishingHouse,2015.							
Reference Book	1. Brand Management, Harsh V Verma, Excelbooks,2010. 2. Brand Management Text and Cases, Mathur U. C., Macmillan India Ltd.2006.							

E-Reference	1. https://www.tutorialspoint.com/brand_management 2. https://www.managementstudyguide.com/brand-management.htm 3. https://www.uen.org/cte/facs_cabinet/downloads/FashionStrategies/S2O1_ArtFashion.p df											
Course learning outcomes	On successful completion of the course, the students will be able to											
	CO	Course Outcomes (CO)						K Level	Learning Outcomes (LO1-LO15)			
	CO1	Define the fundamental concepts of apparel branding, including brand evolution, functions, and the significance of various branding strategies.						K1 & K2	LO 1, LO 11			
	CO2	Apply brand positioning concepts and communication tools like IMC and storytelling to enhance the market presence of garment brands.						K3	LO 4, LO 7, LO10, LO15			
	CO3	Analyze brand appraisal methods, competitive landscapes, and consumer behavior using tools like brand mapping and laddering techniques.						K 4	LO 3, LO 5, LO 8			
	CO4	Evaluate brand measurement data, audits, and the impact of celebrity endorsements to determine the equity and loyalty of international and Indian brands.						K 5	LO 8, LO13, LO 15			
	CO5	Formulate and assess comprehensive brand management plans that address maintenance forces and future prospects for the Indian garment industry.						K5 & K6	LO4,LO6, LO 15			
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score	
	CO1	2	1	1	2	3	1.8	2	1	3	2	
	CO2	2	1	2	2	3	2	2	1	3	2	
	CO3	1	2	1	3	3	2	1	2	3	2	
	CO4	2	1	1	2	3	1.8	2	1	3	2	

	CO5	3	1	2	3	3	2.4	3	1	3	2.3		
	Overall score for PO						2	Overall score for PSO			2.06	2.03	
	Strongly Correlating (S)						-	3 Marks					
	Moderately Correlating (M)						-	2 Marks					
	Weakly Correlating (W)						-	1 Mark					
	No Correlation (N)						-	0 Mark					
Teaching–Learning & Assessment Framework													
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.							Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.						

Course Code	U26CDE51B	Semester V	Year III	Credits	L	T	P	Hrs
Elective 1B		COSTUMES AND TEXTILES OF INDIA		3	-	4	-	4
Nature of the Course		Skill enhancement						
Learning objectives	1. Trace India's sartorial history and heritage. 2. Distinguish regional textile and embroidery styles. 3. Execute traditional Indian surface ornamentation techniques. 4. Appraise the artistry of ethnic Indian jewelry. 5. Create fusion designs inspired by Indian traditions.							
Units	Course Contents							
Unit I	Origin and Growth of Costume Origin and growth of Costumes - painting, cutting - tattooing. Ancient costumes of India – Indus valley civilization, Vedic period, Maurya period - Mughal period.							
Unit II	Dyed and Printed Textiles of India Study on dyed and printed textiles of India –Bhandhani, Patola, Ikkat, Kalamkari. Study on woven textiles of India – Dacca Muslin, Banarasi, Chanderi brocades, Baluchar, Himrus and Amrus, Kashmir shawls, Pochampalli and silk sarees of Kancheepuram.							
Unit III	Traditional Costumes of India Traditional costume of different States of India- Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Assam, Orissa, West Bengal, Maharashtra, Rajasthan, Uttar Pradesh, Jammu and Kashmir and Gujarat.							
Unit IV	Indian Jewellery Indian jewelry – jewelries used in the period of the Pandya, Pallava, Chola Period and Mughal period. Temple jewelry of South India and tribal jewelry. Recent trends in jewelries.							
Unit V	Traditional Embroideries of India Traditional embroideries of India – origin - embroidery stitches- fabrics, colours and motifs used – embroidery of Kashmir - Phulkari of Punjab - Gujarat–Kutch and Kathiawar - embroidery of Rajasthan - Kasuti of Karnataka - Chikankari of Lucknow, Kantha of Bengal.							
Question paper Coverage - 100% theory								
Text book	1. Traditional Textiles, Embroideries, Costumes and Jewelleries of India - Smriti Rekha Sarkar, 2025. 2. Traditional Embroideries of India - Shailaja D. Naik, 2014 reprint. 3. Costumes, Textiles & Jewellery of India - Vandana Bhandari, 2004. 4. Traditional Indian Costumes and Textiles — Parul Bhatnagar, 2004.							
Reference Book	1. Traditional Indian Jewellery: The Golden Smile of India - Bernadette van Gelder, 2018. 2. Indian Embroidery — Brij Bhushan and Jamila Brij Bhushan, 2006 reprint.							

E-Reference	1. https://www.youtube.com/watch?v=7HXVXieq7pM 2. https://www.craftsvilla.com/blog/famous-indian-embroidery-styles 3. https://www.culturalindia.net/jewellery/types/meenakari.html												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)						K Level	Learning Outcomes (LO1-LO15)				
	CO1	Identify and describe the historical evolution of Indian costumes, textiles, and jewelry from ancient civilizations to the Mughal era.						K1 & K2	LO 1, LO 5, LO12				
	CO2	Demonstrate the application of traditional dyeing, weaving, and embroidery techniques in contemporary textile design.						K3	LO 4, LO 6, LO11				
	CO3	Analyze the regional variations in fabric, motifs, and silhouettes across diverse Indian states and dynasties.						K 4	LO 3, LO 8, LO12				
	CO4	Evaluate the craftsmanship, quality, and cultural significance of traditional Indian textiles and temple jewelry.						K 5	LO 8, LO 13				
	CO5	Design and develop original garment concepts that integrate traditional Indian aesthetics with modern fashion trends.						K5 & K6	LO 4, LO14				
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	3	2	1	1	2	1.8	3	1	2	2		
	CO2	2	3	2	2	2	2.2	2	3	1	2		
	CO3	2	3	2	2	2	2.2	2	3	1	2		
	CO4	1	2	1	3	3	2	1	2	3	2		
	CO5	3	1	3	2	3	2.4	3	1	3	2.3		
	Overall score for PO						2.12	Overall score for PSO			2.06	2.09	

	Strongly Correlating (S)	-	3 Marks
	Moderately Correlating (M)	-	2 Marks
	Weakly Correlating (W)	-	1 Mark
	No Correlation (N)	-	0 Mark
Teaching–Learning & Assessment Framework			
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.		Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.	

Course Code	U26CDE51C	Semester V	Year III	Credits	L	T	P	Hrs
Elective 1C		TECHNICAL TEXTILES		3	-	4	-	4
Nature of the Course		Skill enhancement, Employability						
Learning objectives	1. Identify high-performance fibres and their industrial applications. 2. Design specialized textiles for medical and protective use. 3. Implement moisture management techniques in athletic apparel. 4. Assess the functional integrity of smart textile systems. 5. Develop advanced solutions using shape memory and nano-materials.							
Units	Course Contents							
Unit I	Introduction to Technical Textiles Introduction to technical textiles - definition and scope of technical textiles - developments in fibers - natural fibers, polyamide, polyester, viscose rayon, polyolefin, high performance fibers, glass and ceramics.							
Unit II	Functional Apparels and Medical Textiles Functional apparels - design and engineering of functional clothing - requirements and smart characteristics - structural, aesthetic, functional, comfort and fit for clothing. Medical textiles - materials used – classification - requirements - applications. Textiles for health care and hygiene products.							
Unit III	Protective Wear Selection of materials - requirements and functions of flame resistant - chemical, mechanical, electrical and radiation protective clothing.							
Unit IV	Sports Wear Sportswear requirements - functional fibers, yarns and fabrics suitable for sportswear - sweat management for sports application. Footwear clothing - fabric requirements, finishing and adaptability.							
Unit V	Smart and Intelligent Textiles Smart fibers - nano fibers, photo adaptive fibers, chameleon fibers, conductive fibers – properties and applications in textiles and apparels. Phase change materials - properties and applications. Shape memory polymers - properties - sensitive intelligent textiles.							
Question paper Coverage - 100% theory								
Text book	1. Handbook of Industrial Textiles, S. Adanur, Technomic Publication, 2001. 2. Textiles for Sportswear, Roshan S hishoo, Woodhead Publishing, 2015. 3. Handbook of Technical Textiles, A. R Horrock, S. C Anand, Woodhead Publishing, 2000.							
Reference Book	1. Design and manufacture of Textile Composites, M.C Kanna, Hearle O'Hear, Textile process, Textile Institute, Manchester, 2004. 2. Handbook of Medical Textiles, V. Bartels, Woodhead Publishing, 2011.							

E-Reference	1. https://nptel.ac.in/courses/116/102/116102057/ 2. https://www.managementstudyguide.com/brand-management.htm 3. https://www.classcentral.com/course/swayam-testing-of-functional-and-technical-textiles-13051												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)							K Level	Learning Outcomes (LO1-LO15)			
	CO1	Define and describe the classification, fiber types, and foundational concepts of technical textiles.							K1 & K2	LO 1, LO 3, LO5			
	CO2	Apply the principles of material selection and engineering to design functional, medical, and protective clothing.							K3	LO 4, LO 6, LO11			
	CO3	Analyze the performance characteristics and physiological requirements of sportswear, healthcare, and smart textile systems.							K 4	LO 5, LO 8, LO 10			
	CO4	Evaluate the efficacy of high-performance fibers and specialized finishes in meeting stringent safety and industrial standards.							K 5	LO 8, LO13, LO15			
	CO5	Create and validate innovative designs for intelligent textiles utilizing phase change materials and nanotechnology.							K5 & K6	LO6, LO14, LO15			
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	2	3	1	2	2	2	1	3	2	2		
	CO2	2	2	3	3	2	2.4	3	1	3	2.3		
	CO3	1	3	1	3	2	2	1	3	2	2		
	CO4	1	3	1	2	3	2	1	2	3	2		
	CO5	3	2	3	2	3	2.6	3	1	3	2.3		

	Overall score for PO	2.2	Overall score for PSO	2.12	2.16
	Strongly Correlating (S)	-	3 Marks		
	Moderately Correlating (M)	-	2 Marks		
	Weakly Correlating (W)	-	1 Mark		
	No Correlation (N)	-	0 Mark		
Teaching–Learning & Assessment Framework					
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.		Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.			

SEMESTER VI

Course Code	U26CDT613	Semester VI	Year III	Credits	L	T	P	Hrs
Core 13		THE BUSINESS OF FASHION		4	-	6	-	6
Nature of the Course		Skill enhancement, Entrepreneurship						
Learning objectives	1. Identify industry structures and regional centers. 2. Classify designer archetypes and their influences. 3. Execute product development and promotional campaigns. 4. Navigate retail formats and technological trends. 5. Implement circular and sustainable fashion practices.							
Units	Course Contents							
Unit I	Introduction to Fashion Business Meaning and scope of fashion business- importance and economic role of fashion industry- structure of fashion industry- primary, secondary and auxiliary levels - accelerating and decelerating factors influencing fashion changes - major regional fashion centers of India - Mumbai, Chennai and Bengaluru - importance of regional fashion centers.							
Unit II	Understanding Fashion Designers Types of fashion designers- Classicist, Idealist, Influenced, Realist, Thinking Poet, Minimalist, Studio line and Village India Designers - details of any one Indian designer or international designer for each type of fashion designers.							
Unit III	Fashion Products and Promotion Process of New Product Development (NPD) in fashion industry- product mix and range planning. Fashion promotion - meaning and promotional mix- fashion advertising and publicity- personal selling and its types - sales promotional methods. Types of Fashion shows and steps involved in organizing a fashion show.							
Unit IV	Fashion Retailing Introduction to fashion retailing - types of fashion retailers - store based and non-store retailing. Retail formats - functions of fashion retailing - role of technology in fashion retailing - challenges for fashion retailing in India - recent trends in fashion retail.							
Unit V	Sustainable Fashion Sustainable fashion – introduction - meaning and its significance - environmental concerns related to fashion. Linear fashion and circular fashion - fast fashion Vs slow fashion - key concepts in sustainable fashion. Role of consumers and fashion industry in sustainable practices.							
Question paper Coverage - 100% theory								
Text book	1. Drakeet-al, Retail Fashion: Promotion and Advertising, Macmillan Publication Company.NewYork, 1992. 2. Gini Stephens Frings, Fashion–From Concept to Consumer,6 th edition, Prentice Hall,1999.							
Reference Book	Leslie Davis Burn set-al, The Business of Fashion: Designing, Manufacturing and Marketing,4thEdition, Bloomsbury Academic publisher,2011							

E-Reference	1. https://247wallst.com/special-report/2018/10/01/the-30-most-influential-fashion-designers-of-all-time/8/ 2. https://www.reviewsxp.com/blog/top-fashion-designers/ 3. https://en.wikipedia.org/wiki/Fashion_capital 4. https://www.fibre2fashion.com/ 5. http://www.technopak.com/Files/fashion-retail-scenario-in-india.pdf 6. https://en.wikipedia.org/wiki/Sustainable_fashion 7. https://fashionunited.uk/news/fashion/re-defining-sustainability-repair-recycle-reuse-and-reduce/2016052520528												
Course learning outcomes	On successful completion of the course, the students will be able to												
	CO	Course Outcomes (CO)							K Level	Learning Outcomes (LO1-LO15)			
	CO1	Describe the fundamental concepts, structures, and economic roles of the global and Indian fashion industries.							K1 & K2	LO 1, LO 5, LO 12			
	CO2	Apply the principles of product development, promotional mixing, and retail strategies to various fashion business models.							K3	LO 4, LO10, LO 15			
	CO3	Analyze the impact of fashion designers, market influencers, and technological advancements on consumer behavior and retail trends.							K 4	LO 3, LO 6, LO 8			
	CO4	Evaluate the effectiveness of different fashion show formats and the environmental impact of fast versus slow fashion.							K 5	LO 3, LO 7, LO13, LO15			
	CO5	Formulate a comprehensive fashion business plan integrating sustainable practices and innovative retail solutions.							K5 & K6	LO4, LO14, LO 15			
Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs	
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score		
	CO1	2	1	1	2	3	1.8	2	1	3	2		
	CO2	2	1	2	3	3	2.2	2	1	3	2		

	CO3	1	2	1	2	3	1.8	1	2	3	2	
	CO4	2	1	1	3	3	2	1	1	3	1.7	
	CO5	3	1	2	3	3	2.4	3	1	3	2.3	
	Overall score for PO						2.04	Overall score for PSO			2	2.02
	Strongly Correlating (S)						-	3 Marks				
	Moderately Correlating (M)						-	2 Marks				
	Weakly Correlating (W)						-	1 Mark				
No Correlation (N)						-	0 Mark					
Teaching–Learning & Assessment Framework												
Teaching Methodology						Assessment Types						
Experiential learning, Flipped Learning, Blended Learning, Participative Learning.						Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment.						
						Integrated Mode- Seminars, SWOT analysis.						
						Oral Mode- End of the class quiz, Rapid fire, Group discussion.						

Course Code	U26CDT614	Semester VI	Year III	Credits	L	T	P	Hrs
Core 14		FABRIC SOURCING AND SAMPLING		4	-	6	-	6
Nature of the Course		Skill enhancement, Employability, Entrepreneurship						
Learning objectives	1. Execute strategic global sourcing decisions. 2. Manage raw material procurement effectively. 3. Optimize supply chain and inventory. 4. Construct professional-grade garment samples. 5. Validate diverse sample quality types.							
Units	Course Contents							
Unit I	Introduction to Sourcing Introduction to sourcing – sourcing definition and meaning- need for sourcing - procurement and outsourcing in the fashion industry - benefits and risks of outsourcing - searching, evaluating, and maintaining sources of supply – make-buy decisions – single, multiple sourcing decisions – domestic and global sourcing decisions.							
Unit II	Raw Material Sourcing Raw material sourcing - sourcing of fabrics - sourcing of accessories – linings, buttons, zippers, labels. Accessories - bought out components - markets - domestic and international markets.							
Unit III	Sourcing Concepts and Supply Chain Management Sourcing concept - manufacturing resource planning - supply chain management - demand chain analysis - Just in Time technology - quality specifications - inventory control - purchase orders - inspection - follow up.							
Unit IV	Sample Construction Sample construction - basic standards of professional sewing - relationship between pattern making and the ultimate quality of finished sample - analysis of component pieces and trimmings - planning a logical garment construction sequence - economic use of fabric yardage - maintaining grain lines - interfacing and lining.							
Unit V	Sampling and Sample Types Sampling - types of samples – pro, photo type, fit, pre-production, TOP, shipment, gold sealed, sales man samples. Need and importance of the samples - quality requirements - sampling and lead time - sampling and costing - approvals.							
Question paper Coverage - 100% theory								
Text book	1. Glock, R. E. and Kunz, G. I., Apparel Manufacturing: Sewn Product Analysis, 4th ed., Pearson/Prentice Hall. 2. Jarnow, Jeannette A. and Dickerson, Kitty G., Inside the Fashion Business, 7th edition. 3. Solinger, Jacob, Apparel Manufacturing Handbook: Analysis, Principles and Practices.							
Reference Book	1. Carr, Herold and Latham, Barbara, The Technology of Clothing Manufacturing, 2nd edition. 2. Tyler J. David, Materials Management in Clothing Production.							

E-Reference	1. Certified Global Sourcing Specialist (Textiles & Apparel) – GSDCI. 2. Global Sourcing in Fashion – Tembusu Institute. 3. https://en.wikipedia.org/wiki/Fashion_capital . 4. Procurement of Textiles and Garments – Pertecnica. 5. Fashion and the Global Supply Chain – FutureLearn. 6. The Fashion Supply Chain – NetSuite.			
Course learning outcomes	On successful completion of the course, the students will be able to			
	CO	Course Outcomes (CO)	K Level	Learning Outcomes (LO1-LO15)
	CO1	Explain the core concepts of global sourcing, supply chain management, and the various stages of garment sampling.	K1 & K2	LO 1, LO12
	CO2	Apply procurement strategies and technical sewing standards to source raw materials and construct professional garment samples.	K3	LO 4, LO11, LO 13
	CO3	Analyze the relationship between pattern making, material yardage, and lead times to optimize the sampling process.	K 4	LO 2, LO 3, LO 5, LO 8
	CO4	Evaluate sourcing decisions, vendor performance, and sample quality based on industry specifications and inventory control methods.	K 5	LO 8, LO10, LO 15
	CO5	Formulate a comprehensive sourcing and sampling plan that integrates cost-effective procurement with high-quality production standards.	K5 & K6	LO 4, LO 6, LO 14

Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs
	CO	PO1	PO 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score	
	CO1	2	2	1	2	3	2	1	2	3	2	
	CO2	2	1	3	3	2	2.2	3	1	3	2.3	
	CO3	1	3	3	2	2	2.2	2	3	2	2.3	
	CO4	1	2	1	3	3	2	1	1	3	1.7	
	CO5	2	1	2	3	3	2.2	2	1	3	2	
	Overall score for PO						2.12	Overall score for PSO			2.06	2.09
	Strongly Correlating (S)							-	3 Marks			
Moderately Correlating (M)							-	2 Marks				
Weakly Correlating (W)							-	1 Mark				
No Correlation (N)							-	0 Mark				
Teaching–Learning & Assessment Framework												
Teaching Methodology Experiential learning, Flipped Learning, Blended Learning, Participative Learning.							Assessment Types Written Mode - Exams, Class tests, Open book exams, Online test, MCQ/Quiz, Class/Home assignment. Integrated Mode- Seminars, SWOT analysis. Oral Mode- End of the class quiz, Rapid fire, Group discussion.					

Course Code	U26CDP615	Semester VI	Year III	Credits	L	T	P	Hrs
Core 15		COMPUTER AIDED DESIGN PRACTICAL		3	-	-	6	6
Nature of the Course		Skill enhancement, Employability, Entrepreneurship						
Learning objectives	1. Master basic digital design tools. 2. Develop complex repeat patterns. 3. Render realistic fashion illustrations. 4. Create professional textile layouts. 5. Build cohesive digital portfolios.							
Exercises	Course Contents							
I	Basic Skill Development 1. Tool Practice Exercise: Use basic tools-line, shape, pen, fill, gradient and text to create a simple composition. 2. Digital Motif Creation: Design a floral or geometric motif using vector tools.							
II	Design and Pattern Development 1. Repeat Pattern Design: Create a block repeat or half-drop repeat pattern using a motif. 2. Colour Palette Development: Develop a colour scheme for a given theme (e.g., summer, festive, nature).							
III	Fashion Illustration 1. Digital Croquis Drawing: Create a female/male croquis with proper proportions. 2. Garment Illustration with Colour Rendering: Design a garment and apply colours, shading, and highlights.							
IV	Textile and Surface Design 1. Fabric Texture Creation: Create textures like silk, denim, cotton, or prints digitally. 2. Saree/Kurti Design Layout: Design a complete textile layout with border, pallu, and body design.							
V	Creative and Presentation Skills 1. Mood Board / Theme Board Creation: Develop a digital mood board with images, colours, and inspirations. 2. Fashion Portfolio Page Design: Create a presentation sheet including illustration, swatches, and details.							

Question paper Coverage - 100% practical				
Text book	1. Taylor P, “Computers in Fashion industry”, Heinemann publishers 1990. Veinsinet D D, “Computer aided drafting and Design Concept & Applications, 1987. 2. Mikell. P. Groover, Emory W. Zimmers; Jr, “CAD /CAM computer aided design. 3. Inside Fashion Design – Sharon Lee Tate, Pearson, 5th Edition, 2003 (design process, figure types). 4. Individuality in Clothing Selection and Personal Appearance, Suzanne G. Marshall, Hazel C, Jackson M, Sue Stanley, Mary Kelgen, Phullis Touchie Specnt, New Jersey,2000.			
Reference Book	1. Fashion Design on Computers, Kathleen Colussey M, N.J. Prentice Hall, Upper Saddle River, 2000. 2. Computer Aided Pattern Design and Product Development, Alison Beazley Terry bond, Black Wele, Amazon, 2003.			
E-Reference	1. https://swayam.gov.in/nd2_nou20_cs15/preview 2. https://www.cita.org.hk/en/event/free-webinar-on-how-to-present-the-3d-garment/			
Course learning outcomes	On successful completion of the course, the students will be able to			
	CO	Course Outcomes (CO)	K Level	Learning Outcomes (LO1-LO15)
	CO1	Identify and explain the core functions of digital design tools, vector paths, and repeat pattern principles.	K1 & K2	LO 1, LO10
	CO2	Execute digital garment illustrations and textile layouts using proper proportions, textures, and color rendering techniques.	K3	LO 4, LO10, LO 11
	CO3	Examine the relationship between motifs, color palettes, and thematic inspirations to ensure design consistency.	K 4	LO 3, LO 5, LO 6
	CO4	Critique the effectiveness of digital mood boards and portfolio layouts in communicating specific fashion concepts.	K 5	LO 8, LO14, LO 15
	CO5	Construct a professional fashion portfolio page that integrates original motifs, textures, and technical design details.	K5 & K6	LO4, LO10, LO 14

Mapping of COs with POs & PSOs	Programme Outcomes (PO)							Programme Specific Outcomes (PSO)				Mapping Score of COs with POs & PSOs
	CO	PO1	P O 2	PO 3	PO 4	PO 5	Mean Score	PSO 1	PSO 2	PSO 3	Mean Score	
	CO1	3	1	2	2	1	1.8	3	1	2	2	
	CO2	3	2	3	1	2	2.2	3	2	1	2	
	CO3	2	3	2	2	3	2.4	2	3	1	2	
	CO4	1	2	1	3	3	2.0	1	1	3	1.7	
	CO5	3	1	3	3	3	2.6	3	1	3	2.3	
	Overall score for PO						2.2	Overall score for PSO			2	2.1
	Strongly Correlating (S)							-	3 Marks			
	Moderately Correlating (M)							-	2 Marks			
Weakly Correlating (W)							-	1 Mark				
No Correlation (N)							-	0 Mark				
Teaching–Learning & Assessment Framework												
Teaching Methodology Experiential Learning, Demonstration, Hands-on practice, Workshop Method, Experiential Learning, Participative Learning.							Assessment Types Practical Mode - Lab Work, Computer Simulations. Oral Mode - Viva/ Oral Exam. Written Mode – Exams.					

Course Code	U26CDP616	Semester VI	Year III	Credits	L	T	P	Hrs
Core 16		FASHION PORTFOLIO DEVELOPMENT (PROJECT WITH VIVA)		3	-	-	10	10
Nature of the Course		Skill enhancement, Entrepreneurship						
Instructions to the Student								
Every Student will be assigned a Guide and the student should report to the guide at least once in a week. The student should work on an inspiration and develop sketches. After the approval from the Guide, the fabrics must be purchased and converted into a garment. Minimum of 3 garments has to be created. The garment collection is then photographed on a live model. Portfolio (Manual / Digital) is created.								
Details of the Portfolio								
The Portfolio must be created as an album/book/Magazine and should contain the following boards • Customer Profile • Inspiration/Theme Board • Mood Board/Story Board • Colour board/Swatch Board • Accessory Board (optional) • Pattern Board • Flat Sketch/Fashion Illustrations • Photograph of all the Garment								
Evaluation of the Project								
The student should present the portfolio and the garments to the panel of examiners and answer the questions raised by the examiners.								