



**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**

(Affiliated to Bharathidasan University, Tiruchirappalli)
Accredited by NAAC-An ISO 9001:2015 Certified Institution
SUNDARAKKOTTAI, MANNARGUDI-614016.
TAMILNADU, INDIA.

**B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING
CHOICE BASED CREDIT SYSTEM- LEARNING OUTCOME BASED
CURRICULUM FRAME WORK (CBCS-LOCF)**

(For the candidates admitted in the academic year 2024-2025)

CHOICE BASED CREDIT SYSTEM

The credit based semester system provides flexibility in designing curriculum and assigning credits based on the course content and hours of teaching. The choice based credit system provides a 'cafeteria' type approach in which the students can take courses of their choice, learn at their own pace, undergo additional courses and acquire more than the required credits, and adopt an interdisciplinary approach to learning. Our College has moved to CBCS and implemented the grading system.

OUTCOME-BASED EDUCATION (OBE)

LEARNING OUTCOME-BASED CURRICULUM FRAMEWORK (LOCF)

The fundamental premise underlying the learning outcomes-based approach to curriculum planning and development is that higher education qualifications are awarded on the basis of demonstrated achievement of outcomes (expressed in terms of knowledge, understanding, skills, attitudes and values) and academic standards expected of graduates of a programme of study. Learning outcomes specify what graduates completing a particular programme of study are expected to know, understand and be able to do at the end of their programme of study. The expected learning outcomes are used as reference points that would help to formulate graduate attributes, qualification descriptors, programme learning outcomes and course learning outcomes which in turn will help in curriculum planning and development, and in the design, delivery and review of academic programmes. They provide general guidance for articulating the essential learnings associated with programmes of study and courses within a programme, maintain national standards and international comparability of learning outcomes and academic standards to ensure global competitiveness, and to facilitate student/graduate mobility and provide higher education

institutions an important point of reference for designing teaching-learning strategies, assessing student learning levels, and periodic review of programmes and academic standards.

Some important aspects of the Outcome Based Education Course: is defined as a theory, practical or theory cum practical subject studied in a semester.

Course Outcomes (COs): are statements that describe significant and essential learning that learners have achieved, and can reliably demonstrate at the end of a course. Generally three or more course outcomes may be specified for each course based on its weightage.

Programme: is defined as the specialization or discipline of a Degree.

Programme Outcomes (POs): Programme outcomes are narrower statements that describe what students are expected to be able to do by the time of graduation. POs are expected to be aligned closely with Graduate Attributes.

Programme Specific Outcomes (PSOs): PSOs are what the students should be able to do at the time of graduation with reference to a specific discipline.

Some important terminologies repeatedly used in LOCF.

Core Courses (CC) A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course. These are the courses which provide basic understanding of their main discipline. In order to maintain a requisite standard certain core courses must be included in an academic program. This helps in providing a universal recognition to the said academic program.

Discipline Specific Elective Courses (DSE) Elective course may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective (DSE). These courses offer the flexibility of selection of options from a pool of courses. These are considered specialized or advanced to that particular programme and provide extensive exposure in the area chosen; these are also more applied in nature.

Generic Elective Courses An elective course chosen generally from an **unrelated discipline/subject**, with an intention to seek exposure is called a Generic Elective. Generic Elective courses are designed for the students of **other disciplines**. Thus, as per the CBCS policy, the students pursuing particular disciplines would have to opt Generic Elective courses offered by other disciplines, as per the basket of courses offered by the college. The scope of the Generic Elective (GE) Courses is positively related to the diversity of disciplines in which programmes are being offered by the college.

Non Major Elective (NME). A student shall choose at least two Non – major Elective Courses (NME) from outside his /her department. Non –Major Elective I – Those who choose Tamil in Part

I can choose a non –major elective course offered by other departments. Those who do not choose Tamil in Part I must choose either a) Basic Tamil if Tamil language was not studied in school level or b) Special Tamil if Tamil language was studied upto 10th & 12th std.

Skill Enhancement Courses (SECs) These courses focus on developing skills or proficiencies in the student, and aim at providing hands-on training. Skill enhancement courses can be opted by the students of any other discipline, but are highly suitable for students pursuing their academic programme. These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge.

Field Study/Industrial Visit/Case Study: It has to be completed during the fifth semester of the degree programme. Credit for this course will be entered in the fifth semester's marks statement.

Internship: Students must complete internship during summer holidays after the fourth semester. They have to submit a report of internship training with the necessary documents and have to appear for a viva-voce examination during fifth semester. Credit for internship will be entered in the fifth semester's mark statement.

Extra Credit Courses: In order to facilitate the students, gaining knowledge/skills by attending online courses MOOC, credits are awarded as extra credits, the extra credit are at three semesters after verifying the course completion certificates. According to the guidelines of UGC, the students are encouraged to avail this option of enriching their knowledge by enrolling themselves in the Massive Open Online Courses (MOOC) provided by various portals such as SWAYAM, NPTEL etc.

Undergraduate Programme:

Programme Pattern: The Under Graduate degree programme consists of **FIVE** vital components. They are as follows:

Part -I : Languages (Tamil / Hindi / French / Sanskrit)

Part-II : General English

Part-III: Core Course (Theory, Practicals, Generic Elective courses, Discipline Specific Elective courses, Compulsory and Optional Allied courses, Project)

Part-IV: Non Major Elective, Foundation Course, Value Education, Environmental studies, Skill Enhancement Courses/ Soft Skills, Internship / field visit / industrial visit/ Case Study), Professional Competency Course

Part –V

Extension activity, Gender studies

EXAMINATION

Continuous Internal Assessment (CIA):

UG - Distribution of CIA Marks

Passing Minimum: 40 %

Assignment-3	=	30%
Tests-2	=	50%
Seminar	=	10%
Attendance	=	10%

Question Paper Pattern

Part A:

Part A 1 (10X1=10 marks)

One word question/ Fill in/ True or False/ Multiple Choice Questions Two Questions from Each unit

Part A 2 (5X2=10 marks)

Match the following

Short Answers

One question from Each unit

Total Marks – 20

Part B: (5X5=25 marks)

Paragraph Answers

Either/ or type, One Question from each unit

Part C: (10X3=30)

Essay Type Answers

Answer 3 out of 5 Questions

One Question from each unit

Part A: K1 Level

Part B: K2, K3 and K4 Level

Part C: K5 and K6 Level

Knowledge levels for assessment of Outcomes based on Blooms Taxonomy

S. No.	Level	Parameter	Description
1	K1	Knowledge/Remembering	It is the ability to remember the previously learned
2	K2	Comprehension/ Understanding	The learner explains ideas or concepts
3	K3	Application/Applying	The learner uses information in a new way
4	K4	Analysis/Analysing	The learner distinguishes among different parts
5	K5	Evaluation/Evaluating	The learner justifies a stand or decision
6	K6	Synthesis /Creating	The learner creates a new product or point of view

WEIGHTAGE of K – LEVELS IN QUESTION PAPER

(Cognitive Level) K- LEVELS →	Lower Order Thinking			Higher Order Thinking			Total
	K1	K2	K3	K4	K5	K6	
END SEMESTER EXAMINATIONS (ESE)	20	25			30		75
Continuous Internal Assessment (CIA)	20	25			30		75
QUESTION PATTERN FOR END SEMESTER EXAMINATION/Continuous Internal Assessment							
PART							MARKS
PART –A I. (No choice ,One Mark) TWO questions from each unit					(10x1 =10)		20
II. (No choice ,Two Mark) ONE question from each unit					(5x2 =10)		
PART -B (Either/ or type ,5-Marks) ONE questions from each unit					(5x5 =25)		25
PART -C (3 out of 5) (10 Marks) ONE question from each unit					(3x10 =30)		30
Total							75

BLUE PRINT OF QUESTION PAPER FOR END SEMESTER EXAMINATION							
DURATION: 3. 00 Hours.				Max Mark : 75			
K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks
PART							
PART –A (One Mark, No choice) (10x1 =10)	10						10
(2-Marks, No choice) (5x2=10)	10						10
PART –B (5- Marks) (Either/or type) (5x5=25)		5	10	10			25
PART -C (10 Marks) (3 out of 5) (3x10=30) Courses having only K5,K6 levels, K5 level- 3 Questions, K6 level- 2 Questions (One K6 level question is compulsory)					20	10	30
Total	20	05	10	10	20	10	75

EVALUATION

GRADING SYSTEM

Once the marks of the CIA and the end-semester examination for each of the courses are available, they will be added and converted as final mark. The marks thus obtained will then be graded as per the scheme provided in Table-1.

Grade Point Average (GPA) will be calculated from the first semester onwards for all semester. From the second semester onwards, the total performance within a semester and the continuous performance starting from the first semester are indicated by semester Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA) , respectively. These two are calculated by the following formulae:

$\text{GPA} = \frac{\sum_{i=1}^n C_i G_i}{\sum_{I=1}^n C_i}$	$\text{WAM (Weighted Average Marks)} = \frac{\sum_{i=1}^n C_i M_i}{\sum_{I=1}^n C_i}$
Where, C_i is the Credit earned for the Course i G_i is the Grade Point obtained by the student for the Course i M_i is the marks obtained for the course i and n is the number of Courses Passed in that semester.	

CGPA: Average GPA of all the Courses starting from the first semester to the current semester.

CLASSIFICATION OF FINAL RESULTS:

- 1.For each of the first three parts, there shall be separate classification on the basis of CGPA, as indicated in Table-2.
- 2.For the purpose of declaring a candidate to have qualified for the Degree of Bachelor of Arts/Science/Commerce/Management as Outstanding/Excellent/Very Good/Good/Above Average/Average, the marks and the corresponding CGPA earned by the candidate in Part-III alone will be the criterion, provided the candidate has secured the prescribed passing minimum in the all the Five parts of the Programme.
- 3.Grade in Part –IV and Part-V shall be shown separately and it shall not be taken into account for classification.
- 4.A Pass in PART- V will be mandatory although the marks will not count for the calculation of the CGPA.
- 5.Absence from an examination shall not be taken an attempt.

Table-1: Grading of the Courses - UG

Marks Range	Grade Point	Corresponding Grade
90 and above	10	O
80 and above and below 90	9	A+
70 and above and below 80	8	A
60 and above and below 70	7	B+
50 and above and below 60	6	B
40 and above and below 50	5	C
Below 40	NA	RA

The candidate's performance in every current semester is indicated by **Semester Grade Point Average (SGPA)** and from the second semester onwards, the continuous performance including pervious semester /s is indicated by **Cumulative Grade Point Average (CGPA)**.

Table-3: Final Result

CGPA	Corresponding Grade	Classification of Final Result
9.00 and above	O	Outstanding
8.00 to 8.99	A+	Excellent
7.00 to 7.99	A	Very Good
6.00 to 6.99	B+	Good
5.00 to 5.99	B	Above Average
4.00 to 4.99	C	Average
Below 4.00	RA	Re-appearance

The candidates who have passed in the first appearance and within the prescribed duration of the UG programme are eligible. If the candidate's Grade is O/A+ with more than one attempt, the performance is fixed as "Very Good".

Vision

To promote the holistic education for achieving academic excellence in the field of apparel and fashion technology and to become globally competitive department with social commitment and innovation in entrepreneurial sector.

Mission

- To provide quality education with innovative, contemporary and structured curriculum
- To impart hands on training with the help of infrastructure and professional lab facilities.
- To provide conducive atmosphere for teaching and learning equip with latest technologies and entrepreneurial skills.

PROGRAMME OUTCOMES FOR B.Sc.,DEGREE PROGRAMMES

PO No.	Programme Outcomes (Upon completion of the B.Sc. Degree Programme, the Undergraduate will be able to)
PO-1	Disciplinary knowledge: Demonstrate comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate program of study in Bachelor of Science.
PO-2	Critical thinking, Problem Solving and Reflective thinking: think critically about the issues and identify, critically analyze and solve problems from the disciplines of concern using appropriate tools and techniques and the knowledge, skills and attitudes acquired and extrapolate the same to real life situations; show critical sensibility to life experiences, with self awareness and reflexivity of both self and society.
PO-3	Analytical & Scientific Reasoning: evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples and addressing opposing viewpoints; critically evaluate ideas, evidence, and experiences from an open minded and reasoned perspective.
PO-4	Research-related Skills: develop a sense of capability for relevant/appropriate inquiry and asking questions, synthesize, articulate and report results and to recognize and predict cause and effect relationships, define problems, formulate and establish hypothesis, analyze and interpret and draw conclusions from data, execute and report the results of an experiment or investigation.
PO-5	Digital literacy and Effective Communication: use ICT in a variety of learning situations and speak, read, write and listen clearly in person and through electronic media in English and in one or more Indian languages, and make meaning of the world by connecting people, ideas , books, media and technology; efficiently communicate thoughts and ideas in a clear and concise manner.
PO-6	Individual and Team Work: effectively accomplish tasks individually as well as work effectively and respectfully as member or leader 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 interest so for a common cause and work efficiently as a member of a team.
PO-7	Multicultural Competence and Social Interaction: understand the values and beliefs of multiple cultures, global perspectives, engage and interact respectfully with diverse groups and elicit views of others, mediate disagreements and help reach conclusions in group settings.
PO-8	Awareness of Ethical issues, Human values and Gender Issues: 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 and understand the value of relationship between self and the community and aware of the various issues concerning women and society.
PO-9	Awareness of Environment and Sustainability: understand the impacts of technology and business practices in societal and environmental contexts, and sustainable development.
PO-10	Self directed and Lifelong learning: acquire knowledge and skills, including learning “how to learn”, that are necessary for participating in learning activities throughout life and to engage in independent and life-long learning in the broadest context of socio-technological changes.

PROGRAMME SPECIFIC OUTCOME (PSO)

PSO No.	Program Specific Outcomes (B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING)
PSO1	Acquiring Knowledge – Impart relevant knowledge and skills in apparel and fashion designing and textile production.
PSO2	Communication Skills – Deliver information and ideas confidently with good quality interpersonal communication skills.
PSO3	Continuous learning – Work on the acquired knowledge in textiles and fashion, arts and crafts though out the life time for income generation and innovative product development, Design and develop fashion apparels as per the need of the hour.
PSO4	Independent and team work awareness: Carry out independent and research, develop innovative and creative design concepts.
PSO5	Value based Learning and Entrepreneurial skill – Understand and follow research ethics. Regulate the standards and follow them for apparel and fashion designing, distinguish skills for employment and entrepreneurship in apparel and fashion units.



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TAMILNADU, INDIA.

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING
COURSE STRUCTURE UNDER CHOICE BASED CREDIT SYSTEM - LEARNING
OUTCOME BASED CURRICULUM FRAMEWORK (CBCS - LOCF)

(For the candidates admitted from the academic year 2024-2025)

ELIGIBILITY: Students who have completed their class +2 in any stream is eligible to apply

Sem	Part	Nature of the Course	Course Code	Title of the Course	Ins. Hours/Week	Ins. Hours/Week				Credit	Exam Hours	Marks		Total
						L	T	P	S			CIA	ESE	
I	I	Language Course-I	U24LC101	Pothu Tamil – I Tamil Elakkiya Varalaru-I	6	5	1	-	-	3	3	25	75	100
	II	English Language Course-I	U24ELC101	General English - I	6	5	1	-	-	3	3	25	75	100
	III	Core Course-I	U24FT101	Introduction to Fashion Designing	5	3	1	1	-	5	3	25	75	100
		Core Practical I	U24FT102P	Fashion Designing	4	-	-	4	-	4	3	25	75	100
		Allied Course-I	U24AFT101	Textile Science	3	2	1	-	-	2	3	25	75	100
	IV	Allied Practical I	U24AFT102P	Fashion Illustration	2	-	-	2	-	-	-	-	-	-
		Non Major Elective -I			2	1	1	-	-	2	3	25	75	100
	Foundation Course	U24FCFT11	Basics of Home Science	2	1	1	-	-	2	3	25	75	100	
			TOTAL	30	17	6	7	-	21	-	-	-	700	
II	I	Language Course- II	U24LC202	Pothu Tamil – II Tamil Elakkiya Varalaru-II	6	5	1	-	-	3	3	25	75	100
	II	English Language Course-II	U24ELC202	General English - II	6	5	1	-	-	3	3	25	75	100
	III	Core Course–II	U24FT203	Pattern Making Techniques	5	4	1	-	-	5	3	25	75	100
		Core Practical -II	U24FT204P	Sewing Techniques	4	-	-	4	-	4	3	25	75	100
		Allied Course-II	U24AFT203	Fashion Clothing & Psychology	3	2	1	-	-	2	3	25	75	100
	IV	Allied Practical -I	U24AFT102P	Fashion Illustration	2	-	-	2	-	2	3	25	75	100
		Non Major Elective -II			2	1	1	-	-	2	3	25	75	100
	Skill Enhancement Course-I	U24SEFT21	Surface Embellishment-I	2	1	1	-	-	2	3	25	75	100	
			TOTAL	30	18	6	6	-	23	-	-	-	800	
III	I	Language Course- III		Pothu Tamil – III Tamilaga Varalarum Panpadum-III	6	5	1	-	-	3	3	25	75	100
	II	English Language Course-III		General English - III	6	5	1	-	-	3	3	25	75	100
	III	Core Course-III		Garments Manufacturing Techniques	5	4	1	-	-	5	3	25	75	100
		Core Practical- III		Garment Construction for Children's Wear	4	-	-	4	-	4	3	25	75	100
		Allied Course-III		Fabric Structure and design	3	2	1	-	-	2	3	25	75	100
	IV	Allied Practical -II		Fabric Structure and design & Wet processing	2	-	-	2	-	--	--	--	--	--
		Skill Enhancement Course –I		Surface Embellishment-II	2	1	1	-	-	2	3	25	75	100
	Skill Enhancement Course –III		Fashion Draping	2	1	1	-	-	2	3	25	75	100	
			TOTAL	30	18	6	6	-	21	-	-	-	700	
IV	I	Language Course - IV		Pothu Tamil-IV Tamilum Ariviyalum-IV	6	5	1	-	-	3	3	25	75	100
	II	English Language Course-IV		General English-IV	6	5	1	-	-	3	3	25	75	100
		Core Course-IV		Heritage of Textiles and Costumes	5	4	1	-	-	5	3	25	75	100

Sem	Part	Nature of the Course	Course Code	Title of the Course	Ins. Hours/Week	Ins. Hours/Week				Credit	Exam Hours	Marks		Total	
						L	T	P	S			CIA	ESE		
V	III	Core Practical IV		Garments Construction for Women's Wear - Practical	4	-	-	4	-	4	3	25	75	100	
		Allied Course-IV		Wet Processing	3	2	1	-	-	2	3	25	75	100	
		Allied Practical - II		Fabric Structure and design & Wet Processing	2	-	-	2	-	2	3	25	75	100	
	IV	Skill Enhancement Course-IV		Portfolio Presentation	2	1	1	-	-	2	3	25	75	100	
		Skill Enhancement Course-V		CAD in Fashion Design	2	1	1	-	-	2	3	25	75	100	
	TOTAL					30	18	6	6	-	23	-	-	-	800
	III	Core Course-V		Fundamentals of Technical Textiles	6	5	1	-	-	5	3	25	75	100	
		Core Course-VI		Knitting	5	4	1	-	-	5	3	25	75	100	
		Core Course-VII		Garment Quality and Cost Control	5	4	1	-	-	4	3	25	75	100	
		Core Practical - V		Garment Construction for Men's Wear	4	-	-	4	-	4	3	25	75	100	
Elective Course-I			Fashion Marketing and Merchandising/ National and International Marketing/ Fashion Management	4	3	1	-	-	3	3	25	75	100		
Elective Course-II			Cosmetology/ Home textiles/ Protective Garments	4	2	1	1	-	3	3	25	75	100		
IV		Environmental Studies		Environmental Studies	2	2	-	-	-	2	3	25	75	100	
	Internship/ Industrial visit/ Field visit		Internship/ Industrial visit/Field visit	-	-	-	-	-	2	-	-	-	-		
TOTAL					30	20	5	5	-	28	-	-	-	700	
VI	III	Core Course-VIII		Textile Testing	6	4	1	1	-	4	3	25	75	100	
		Core Practical - VI		Textile Testing	6	-	-	6	-	4	3	25	75	100	
		Core Project		Project with viva- voce/ Group Project	5	-	1	4	-	5	3	25	75	100	
		Elective Course-III		Boutique Management/ Visual Merchandising/ Fabric care	4	3	1	-	-	3	3	25	75	100	
		Elective Course-IV		Export Trade and Documentation/ Apparel Entrepreneurship/ Clothing comfort	4	3	1	-	-	3	3	25	75	100	
	IV	Value Education		Value Education	2	2	-	-	-	2	3	25	75	100	
		Professional competency Course		Aptitude and reasoning skills for competitive examinations	2	2	-	-	-	2	3	25	75	100	
	V	Gender Studies		Gender Studies	1	1	-	-	-	1	3	25	75	100	
		Extension activity		Extension activity	-	-	-	-	-	1	-	-	-	-	
	TOTAL					30	15	4	11	-	25	-	-	-	800
GRAND TOTAL					180	106	33	41	-	141	-	-	-	4500	
Extra Credit			MOOC/ SWAYAM/ NPTEL	-	-	-	-	-	2	-	-	-	-		
			Value Added Courses (At least One / Year)	-	-	-	-	-	2	-	-	-	-		

L-Lecture

T-Tutorial

P-Practical

S-Seminar

Credit Distribution for B.Sc., Fashion Technology and Costume Designing

S.No	Part	Subject	No. of Courses	Total Credits
1.	I	Language Course	4	12
2.	II	English Language Course	4	12
3.	III	Core Course –Theory	8	38
4.		Core Practical	6	24
5.		Core Project	1	5
6.		Allied Course–Theory	4	08
7.		Allied Course Practical	2	4
8.		Elective Course	4	12
9.	IV	Non-Major Elective	2	04
10.		Foundation Course	1	02
11.		Skill Enhancement Course	5	10
12.		Internship/ Industrial visit/ Field visit	1	02
13.		Environmental Studies	1	02
14.		Value Education	1	02
15.		Professional competency Course	1	02
16.	V	Gender Studies	1	01
17.		Extension Activity	1	01
Total			47	141

Note:

	CIA	ESE
1 Theory	25	75
2 Practical	25	75
3 Separate passing minimum is prescribed for Internal and External marks		

FOR THEORY

The passing minimum for CIA shall be 40% out of 25 marks [i.e. 10 marks]

The passing minimum for University Examinations shall be 40% out of 75 marks [i.e. 30 marks]

FOR PRACTICAL

The passing minimum for CIA shall be 40% out of 25 marks [i.e. 10 marks]

The passing minimum for University Examinations shall be 40% out of 75 marks [i.e. 30 marks]

NON MAJOR ELECTIVE (NME) OFFERED BY THE DEPARTMENT

Semester	Part	Course	Course Code	Title of the Course
I	IV	NME-I	U24NMEFT11	Basics of Fashion
II		NME-II	U24NMEFT22	Basics of Textiles

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SUNDARAKKOTTAI, MANNARGUDI -614016.

(For the candidate admitted in the academic year 2024-2025)

DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: I –CC-I: Introduction to Fashion Designing

Ins. Hrs. / Week:5

Course Credit:5

Course Code:U24FT101

UNIT – I : Fashion designing concepts

(15 Hours)

Meaning of Fashion, Origin of Fashion, Meaning of Fashion Designing, Classification of Fashion, Influence of Fashion and terminologies related to fashion- fashion, style, fad, Line and collection, Mannequin, Dress form, High fashion, Haute couture, Couture, Couturier, Knock -off, Avant garde, Pret-a porter, Boutique, sample.

UNIT – II :Elements of art and principles of design

(15 Hours)

Design – Definition & its types -Structural design, decorative design, basic silhouette. Elements of Design (point, line, form, shape, space, size, texture and colour), Principles of Design – (harmony, proportion, balance, rhythm and emphasis) Application of principle of design in dress.

UNIT – III: Colour

(15 Hours)

Introduction to colour, colour wheel (Prang & Munsell system) Properties and qualities of colour, colour scheme Theories of colour harmony, Psychology of colours.

UNIT –IV : Figure Variations

(15 Hours)

Garment Designing for Irregular figure types – Tall and Thin Figure, Tall and Stout Figure, Short and Stout Figure, Short and Thin Figure, Large Chest, Flat Chest, Large hip Shoulder - Narrow, Round, Broad. Face – Round, Oval and Square.

UNIT – V : Wardrobe planning

(15 Hours)

Definition, Purpose, steps, clothing preference for different age groups, clothing budgets, wardrobe planning for different occasions.

Total Lecture Hours -75

COURSE OUTCOME:

The students will be able to

1. Remember the concepts of Fashion, Design and its style
2. Understand the elements and principles of design
3. Apply the concept of color theories
4. Analyze and classify about the figure irregularities
5. Evaluate the wardrobe plan.

TEXT BOOK(S)

1. Anitha Tyagi, 2012 , “Hand Book of Fashion Technology”, Sonali Publication, New Delhi, 1st Edition.
2. Jenny Davis, 2009, “A Complete Guide to Fashion Designing”, Abhishek publication, 1st Edition.
3. Kathryn Mokelvey, Janine Munslow, 2005, Fashion Design Process, Innovation and Practice, Black Well Science Ltd, U.K.
4. Meenakshi Narang, “Fashion Technology Hand Book”, Asia Pacific Business Press Inc, New Delhi, 2nd Edition, 2008.
5. Sumathi, G.J ,Elements of fashion and apparel design, Edition, reprint ; Publisher, New Age International, 2007 ; ISBN, 8122413714, 9788122413717.

REFERENCE BOOK(S)

1. Betsy Hosegood, 2006, “The Complete Book of Sewing”, Dorling Kindersley Limited, London, 2nd Edition.
2. Bride M Whelan, 1992," Colour Harmony" Rockford Publishers.
3. Chijiwa, Hideaki, 1992, “Colour Harmony”, Rockfort Publishers, USA, 10111 edition I.
4. Judith Rasband, 1995, “Wardrobe Strategies for Women”, Delmar Publishers, London1st Edition.
5. SusheelaDantyagi, 2006, “Fundamental of Textiles and Their Care”, Orient Longman Limited, New Delhi, 5th Edition.

E-RESOURCES

1. <https://www.iiad.edu.in/the-circle/what-is-fashion-designing/>
2. <https://www.slideshare.net/MalathyPriya/fashion-theories-228524339>
3. <https://www.mayfieldschools.org/ElementsPrinciplesofDesign.aspx>
4. <https://www.merriam-webster.com/dictionary/colour>
5. <https://targetjobs.co.uk/careers-advice/retail/careers-fashion-different-job-roles>
6. <https://www.fdc.org/career-in-fashion.html>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	1	1	3	1	2	1	2	2	3	3	1	2	3	3
CO2	3	3	2	2	2	2	2	1	2	3	3	1	2	3	3
CO3	3	3	3	3	1	2	1	2	2	3	3	2	1	3	3
CO4	3	2	3	1	1	2	2	1	2	3	3	1	1	3	3
CO5	3	1	2	3	1	2	1	2	2	3	3	3	3	3	3

S-Strong(3)

M-Medium(2)

L-Low(1)



**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**

SUNDARAKKOTTAL, MANNARGUDI -614016.

(For the candidate admitted in the academic year 2024-2025)

DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: I –CP-I: Fashion Designing (P)

Ins. Hrs. / Week:4

Course Credit:4

Course Code: U24FT102P

PRACTICAL:

- ❖ Design- Structural , Decorative
- ❖ Elements- Line, Shape, Size, Texture , Colour
- ❖ Principles- Balance, Rhythm, Emphasis, Harmony, Proportion
- ❖ Colour charts - Prang colour, Value, Intensity
- ❖ Colour Harmonies- Monochromatic, Analogous, Single complementary, Double complementary, Split, Triad, Neutral.
- ❖ Design for different occasions/ seasons- summer, Winter, Formal, Casual, Party.

COURSE OUTCOME:

The students will be able to

1. Competent to develop a good design through application of elements of design
2. Students are able to create compositions using various color schemes
3. Understand the principles of design
4. Identify the colors, colour harmonies and its visual relationships
5. Recognize the design for all occasions.

TEXT BOOK (S)

1. Bina Abling, 2007, Advanced Fashion Sketch Book, OM Book Service, India.
2. Sumathi, G.J. 2007, Elements of fashion and apparel design second Edition - 1 ISBN-13: 978-9395161381 ISBN-10: 9395161388.
3. Sumathi, G.J. 2022, Elements of fashion and apparel design second Edition - 1 October 2022 81-224-1371-4
4. Judith Rasband, 1996, Wardrobe Strategies for Women ; Edition, illustrated ; Publisher, Delmar Publishers, ISBN, 0827361599, 9780827361591.
5. Susheela Dantyagi ,Textiles and their Care-, 5 th edition,. Orient Longman Ltd New Delhi

REFERENCE BOOK (S)

1. Heannette A Jarnow et-al, 1991, Inside the Fashion Business, macimilan Publishing Company, New York,
2. Jimsey and Harriet Mc, 1973, Art and Fashion in Clothing Selection , Iowa State University Press,Jowa,.
3. Kathryn Mokelvey, Janine Munslow, 2005, Fashion Design Process, Innovation and Practice, Black Well Science Ltd, U.K.,
4. Kitty G. Dickerson, 2003, Inside the Fashion Business, Pearson Education, Singapore.
5. V.D. Dudeja, 2005, Professional Management of Fashion Industry, Gangandeeep Publications, New Delhi.

E-RESOURCES:

1. https://www.brainkart.com/article/1--Structural-designing--2--Decorative-designing_1867/
2. <https://www.merriam-webster.com/dictionary/colour>
3. <https://targetjobs.co.uk/careers-advice/retail/careers-fashion-different-job-roles>
4. <https://www.fdc.org/career-in-fashion.html>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	1	1	3	1	2	1	2	2	3	3	1	2	3	3
CO2	3	3	2	2	2	2	2	1	2	3	3	1	2	3	3
CO3	3	3	3	3	1	2	1	2	2	3	3	2	1	3	3
CO4	3	2	3	1	1	2	2	1	2	3	3	1	1	3	3
CO5	3	1	2	3	1	2	1	2	2	3	3	3	3	3	3

S-Strong(3)**M-Medium(2)****L-Low(1)**

**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**



SUNDARAKKOTTAL, MANNARGUDI -614016.

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DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: I –AC-I: Textile science

Ins. Hrs. / Week:3

Course Credit:2

Course Code:U24AFT101

UNIT – I : Fibres (10 Hours)

Fibres – Definition, Classification – Natural, Semi Synthetic, Synthetic. General Properties of Fibres – Primary and Secondary Properties

UNIT –II : Fibre Manufacturing Process (08 Hours)

Manufacturing Process, – Natural Fibre - Cotton, Jute, Silk, and Wool. Synthetic Fibre – Polyester. Semi Synthetic Fibre – Viscose rayon. Properties and Uses of Fibres

UNIT- III : Spinning and Yarn Manufacturing Process (09 Hours)

Spinning - Definition, Types of Spinning – Mechanical Spinning –Ring, Chemical Spinning. Yarn – Definition, Classification – Simple and Fancy Yarns, Twist and Its Types.

UNIT – IV: Fabrication methods (10 Hours)

Weaving – Definition, classification, Parts and Functions of Basic Loom.
Knitting -Definition, Classifications, Parts and functions of a basic knitting machine.

UNIT-V: Non-Woven (08 Hours)

Nonwoven-Definition – Types- felting, fusing, bonding, lamination, netting, braiding, crocheting, bonding techniques Uses of Nonwoven.

Total Lecture Hours -45

COURSE OUTCOME:

The students will be able to

1. Remembering the types of fibres
2. Understand the different fibre manufacturing techniques
3. Applying the different fibres for weaving and knitting
4. Analyze the functions of weaving and knitting machine
5. Evaluating the types of nonwovens

TEXT BOOK(S)

1. Corbman B.P, 2000, Fibre to Fabric, International Students Edition Mc Graw Hill Book Co-Singapore.
2. Sara J. Radolph and Anna L. Lang Ford, 2002, Textiles, Prentice hall, New York.
3. Murphy, W.S., 2001, Handbook of weaving, Abhishek publication, Chandigarh.
4. Gokerneshan. N, 2009, Weaving Preparation Technology, Abishek Publications, Chandigarh.
5. E.P.G. Gohl, L.D. Velensky, 2003, "Textile Science" CBS Publishers and Distributors.

REFERENCE BOOK(S)

1. Meenakshi Rastogi, 2009, fibres and yarn, Sonali Publications, New Delhi, Seemasekhri “Fabric science” 978-81-203-4183-8
2. Kanwarvarinder “Fabric studies” 81-272-1904-58
3. Druid “Fabric textile and patterns” 9789057681127 5. Barker “Hand book of textile
4. N.S. Kaplan , 2008, Textile Fibres, Abhishek Publications, Chandigarh.

E-RESOURCES

1. <https://byjus.com/biology/fibre/>
2. <https://www.youtube.com/watch?v=PDuiSnBYCQc> 12.
3. <https://www.youtube.com/watch?v=lGB50nBIAc0>
4. <https://egyankosh.ac.in/bitstream/123456789/92835/1/Unit-10.pdf>
5. <https://egyankosh.ac.in/bitstream/123456789/92833/1/Unit-9.pdf>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	1	3	2	1	2	1	2	2	2	1	3	1	1	1
CO2	2	2	2	1	1	1	2	1	2	3	1	3	1	1	1
CO3	2	1	1	2	1	1	1	2	2	1	1	3	1	1	1
CO4	2	2	2	2	2	2	2	1	2	2	1	2	1	2	1
CO5	2	2	2	2	2	2	1	2	2	3	1	2	1	1	1

S-Strong(3)

M-Medium(2)

L-Low(1)

**SENGAMALA THAYAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**



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DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: I –AP-I: Fashion Illustration (P)

Ins. Hrs. / Week:2

Course Credit:-

Course Code:U24AFT102P

UNIT – I : Introduction to fashion illustration

1. Free Hand Drawing
2. Basics of Shading.
3. Pencil grading and smudging techniques.
4. Stick figures in different poses.

UNIT – II : Fashion Figure Drawing

1. 8 Head theory
2. 10 Head Theory
3. 12 Head Theory.
4. Different poses of Fashion Figure (Women, Men and Children).

UNIT – III :Facial Feature

1. Drawing eyes, nose, ears, lips face, and hair styles.
2. Sketching of different angles of foot and palm.

UNIT – IV: Sketching on basic croqui

1. Necklines, Collars, Sleeves and Cuffs.
2. Children's Wear
3. Women's Wear
4. Men's Wear

Unit – V :Sketching of Fashion Accessories

1. Bags, Foot wear, Hats, Ties, Specs - Any two
2. Jewellery- Traditional and Modern.

COURSE OUTCOME:

The students will be able to

1. Understands the requirement for illustration skills as an essential tool of
2. visual communication for the fashion industry
3. Analyze human anatomy with different Head theories and different types of body contour.
4. Learn to draw different facial figures features and postures.
5. Develop designer wears for males and females to suit current trends
6. Sketch different types of accessories according to fashion figures

TEXT BOOK(S)

1. Alfred D. Dorkenzio (2001), Fashion Sketching: Drawing the Fashion Figure, Thomas Learning Custom Publishing.
2. Bina Abling (2001), Fashion Rendering with Colours, Prentice Hall, New Jersey.
3. Fashion Drawing – The Basic Principles, Anne Allen and Julian Seaman, Anova Books.
4. Tatham Seamas, “fashion design drawing course” 978-0-7641-2473-0

REFERENCE BOOK(S)

1. Manmeet Sodhia, Fashion illustration and Presentation, , Kalyani Publishers.
2. Anna Kiper, 2011, Fashion Illustration, David & Charles Book.
3. Kathryn Mckelvey, Fashion Source Book, Blackwell Science
4. Ritu Beri, 2005, Fashion Illustration and Rendering, B. Jain Publishers (P) Ltd., New Delhi.
5. Bill Glazer , 2007, Snap Fashion Sketch Book, Prentice Hall; 2 edition.

E-RESOURCES

1. <https://tnou.ac.in/NAAC/SSR/C1/1.1.5/MSADS-P1.pdf>
2. <https://www.pinterest.com/kimkarczfashion/fashion-figure-drawing/>
3. <https://www.dr-michaelkernohan.com.au/blogs/8-features-of-a-beautiful-face/>
4. <https://www.udemy.com/learn-to-draw-fashion-with-adobe-illustrator-cc-beginners/?siteID=SAyYsTvLiGQ-uasPN8UukNxyGp.fl egTA&LSNPUBID=SAyYsTvLiGQ>
5. <https://www.pinterest.com/pin/817333032351521831/>
6. <https://fashionillustrationtribe.com/sketching-fashion-accessories/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	1	3	2	1	2	1	2	2	2	1	3	1	1	1
CO2	2	2	2	1	1	1	2	1	2	3	1	3	1	1	1
CO3	2	1	1	2	1	1	1	2	2	1	1	3	1	1	1
CO4	2	2	2	2	2	2	2	1	2	2	1	2	1	2	1
CO5	2	2	2	2	2	2	1	2	2	3	1	2	1	1	1

S-Strong(3)

M-Medium(2)

L-Low(1)

**SENGAMALA THAYAR EDUCATIONAL TRUST WOMEN'S COLLEGE
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DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: I – Non Major Elective-I: Basics of Fashions

Ins. Hrs. / Week:2

Course Credit:2

Course Code:U24NMEFT11

UNIT-I: TERMS OF FASHION

(6 Hours)

Fashion-Definition. Terms related to Fashion-Style, Fad, Classic, collection, chic, Trend, Forecasting and High fashion, Fashion cycle and its stages.

UNIT-II: TERMS OF DESIGN

(6 Hours)

Design-Definition, Types of Design-Structural and Decorative design, Requirements of good design, Motifs-Definition and Types of Motifs.

UNIT-III: ELEMENTS OF DESIGN

(6 Hours)

Elements of Design- Line, Size, Shape, Color and Texture. Principles of Design-Balance, Emphasis, Proportion, Rhythm, Harmony.

UNIT-IV: COLOR

(6 Hours)

Color- Definition, Dimension of color- Hue, Value and Intensity. Primary colors, secondary colors, tertiary colors, complementary colors, warm and cool colors.

UNIT-V: FIGURE IRREGULARITIES

(6 Hours)

Figure Irregularities - Stout figure, Thin figure, Broad shoulders, Narrow Shoulders, Different types of Faces - Round, Large and Small face.

Total Lecture Hours -30

COURSE OUTCOME

The students will be able to

1. Understand the concepts in Fashion designing and Basics of Fashion
2. Study the term design in creation of fashion
3. Understand the components of fashion
4. Know the basic theories of colors and its classification
5. Know about the different types of Human faces and Irregularities

TEXT BOOK(S)

1. Fashion from Concept to Consumer, Fringes, G. S., Prentice Hall, 9th Edition, 2007.
2. Sumathi, G.J.2002. Elements of Fashion and Apparel Design. New age International (P) Ltd Publishers.
3. Alfred D. Dorkenzio (2001), Fashion Sketching: Drawing the Fashion Figure, Thomas Learning Custom Publishing.
4. Bina Abling (2001), Fashion Rendering with Colours, Prentice Hall, New Jersey.
5. Fashion Drawing – The Basic Principles, Anne Allen and Julian Seaman, Anova Books.

REFERENCE BOOK(S)

1. Harriet Mcjimsey. 1973, Art and Fashion in Clothing Selection. [Second Edition].Iowa State University Press, Ames.
2. Fashion illustration and Presentation, Manmeet Sodhia, Kalyani Publishers.
3. Anna Kiper, David, 2011, Fashion Illustration, & Charles Book,
4. Fashion Source Book, Kathryn Mckelvey, Blackwell Science
5. Ritu Beri, 2005, Fashion Illustration and Rendering, B. Jain Publishers (P) Ltd., New Delhi.

E-RESOURCES

1. <https://www.egyankosh.ac.in/bitstream/123456789/61113/3/Unit-7.pdf>
2. <https://dde-ac.in/sem/BFD/BFA101.pdf>
3. <https://gphisar.ac.in/wp-content/uploads/2022/09/DESIGN-FUNDAMENTALS-1.pdf>
4. <https://www.scribd.com/document/621284565/Unit-2-Design-Principles-and-Methods>
5. <https://gcwgandhinagar.com/econtent/document/1587358837UNIT%203,4,5.pdf>
6. https://cbseacademic.nic.in/web_material/publication/cbse/34ElementTextileDesigningXI.pdf

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	1	3	2	1	2	1	2	2	2	1	3	1	1	1
CO2	2	2	2	1	1	1	2	1	2	3	1	3	1	1	1
CO3	2	1	1	2	1	1	1	2	2	1	1	3	1	1	1
CO4	2	2	2	2	2	2	2	1	2	2	1	2	1	2	1
CO5	2	2	2	2	2	2	1	2	2	3	1	2	1	1	1

S-Strong(3)

M-Medium(2)

L-Low(1)

**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**



SUNDARAKKOTTAL, MANNARGUDI -614016.

(For the candidate admitted in the academic year 2024-2025)

DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: I – Foundation Course- Basics of Home Science

Ins. Hrs. / Week:2

Course Credit: 2

Course Code:U24FCFT11

UNIT-I: Food Science and Food Service Management

(6 Hours)

Food science and nutrition, Quality evaluation of foods- objectives and subjective. Food pigments and additives, Food standards, microbiological safety of food, HACCP, food packaging.

UNIT-II: Nutrition and Dietetics

(6 Hours)

Food groups – balanced diet, food pyramid, macro and micro nutrition. Nutrients-role of nutrients in the body, nutrient deficiencies and requirements for Indians.-Growth and development from conception to adolescence, nutritional needs and dietary guidelines for adequate nutrition through life cycle, nutrition concerns-RDA

UNIT-III: Resource Management and Consumer Issues

(6 Hours)

Management- Functions of management, Resources - time management, work simplification techniques, classes of change, fatigue and its management. Management of natural resources-land, forest, water, air, water harvesting, municipal solid waste management, concept of sustainable development, SDGs. Money management - Human resource management, Consumer-Consumer protection.

UNIT-IV: Child/Human Development

(6 Hours)

Principles of growth and development, care during pregnancy and pre-natal and neonatal development, Theories of human development and behaviour, Early childhood care and education - Children and persons with special needs, care and support, special education, prevention of disabilities, rehabilitation. Children at risk-child labour, street children, children of destitute, orphans, child abuse and trafficking,

UNIT-V: Extension Management and Community Development

(6 Hours)

Historical perspectives of extension - Extension methods and materials - Non-Formal, adult and lifelong education-Training, skill development and capacity building for human resource development - Community development - Participatory Learning and Action Development programmes in India for urban, rural and tribal population groups programmes for nutrition, health, education, wage and self-employment, women's development, skill development.

Total Lecture Hours - 30

COURSE OUTCOME:

The students will be able to

1. Remember the Nutrition values of Food groups and Dietetics
2. Understand the Food Science and Food Service Management
3. Analyze the Resource Management and Consumer Issues
4. Evaluate Child/Human Development and growth in India
5. Create Participatory Learning and Extension Management

TEXT BOOK(S)

1. Arihant, 2016 , “UGC NET/SET (JRF&LS) Home science” Arihant publications India limited, Meerut, 1st Edition.
2. Madhavi, , 2018, “Entrepreneurship, Make in India and Job Creation”, New Century Publication, New Delhi, 1st Edition.
3. PremlataMullick, 2009 , “Text Book of Home Science”, Kalyani Publishers, New Delhi, 2nd Edition.

REFERENCE BOOK(S)

1. Philip Kotler, , 2009, “Marketing Management”, Pearson Education, New Delhi, 13th Edition.
2. Sushma Gupta, , 2005, “Text Book of Clothing Textiles and Laundry”, Kalyani Publishers, New Delhi, 5th Edition.
3. Santosh Ahlawat, , 2013, “Text Book of Home Science Extension Education”, Daya Publishing House, 1st Edition.

E-RESOURCES

1. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6366258/>
2. <https://www.slideshare.net/vijay143manoj/principles-of-growth-and-development64896340>
3. <https://www.bbau.ac.in/docs/FoundationCourse/MPDC/National%20Nutrition.pdf>.
4. <https://egyankosh.ac.in/bitstream/123456789/9792/1/Unit-2.pdf>
5. <https://tnou.ac.in/wp-content/uploads/2021/06/SED-11-Human-Growth-and-Development-English.pdf>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	1	2	2	2	3	3	3	1	3	1	3
CO2	3	3	3	3	1	2	3	2	3	3	3	1	3	1	3
CO3	3	3	3	3	1	2	2	2	3	3	3	1	3	1	3
CO4	3	3	3	3	1	2	3	3	3	3	3	1	3	1	3
CO5	3	3	3	3	1	1	3	3	3	3	3	1	3	1	3

S-Strong(3)

M-Medium(2)

L-Low(1)

**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**



SUNDARAKKOTTAI, MANNARGUDI -614016.

(For the candidate admitted in the academic year 2024-2025)

DEPARTMENT OF FASHION TECHNOLOGY
B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: II –CC-II: Pattern Making Techniques

Ins. Hrs. / Week:5

Course Credit:5

Course Code: U24FT203

UNIT – I : Fabric preparation & layout planning (20 Hours)

Fabric preparation: Preparing the fabric for cutting, Importance of grain in fabric cutting and garment construction. Methods of straightening fabric grains. Lay planning Introduction, Rule to remember in pattern layout. Types of layout. Transferring pattern markings stay stitching, ease stitching.

UNIT – II: Pattern drafting (15 Hours)

Preparation of paper patterns. Advantages of paper pattern. Pattern drafting with personal measurement. Principles for pattern drafting. Preparing draft for basic bodice, sleeve and skirt pattern

UNIT – III :Flat pattern techniques (10 Hours)

Definition, Pivot method, Slash & spread method, measurement method. Creating styles through dart manipulation and relocation of dart.

UNIT – IV: Commercial pattern and pattern grading (20 Hours)

Commercial pattern: Definition, merits and demerits, Development of commercial pattern. Pattern Grading: Definition, Grading terminology, selecting a grading system, grading techniques, their advantages and disadvantages. Computer grading. Grading procedures. Grading of basic block using draft grading systems.

UNIT - V: Pattern alteration, garment fitting and assembling (10 Hours)

Pattern alteration: Methods of identifying pattern alteration. General principles for pattern alteration. Common pattern alteration in a fitted bodice pattern. Garment fitting and Assembling: Standards for a good fit, checking for good fit, solving fitting problems and remedies.

Total Lecture Hours - 75

COURSE OUTCOME:

The students will be able to

1. Define the pattern making techniques and classify type of layouts.
2. Explain the drafting procedures and techniques
3. Choose the flat pattern techniques best suited for fashion designing
4. Understand the concepts of pattern grading techniques
5. Identify the methods of pattern alteration

TEXT BOOK(S)

1. Bane Allyne, “Flat Pattern Design”, McGraw Hill, USA, 2002.
2. Goulborn Margaita, “Introducing Pattern Cutting, Grading and Modeling”, Batsford Publication, UK, 2000.
3. Libby Moore, Thread Folk: A Modern Makers Book of Embroidery Projects and Artist Collaborations, Paige Tate & Co, 2019
4. Shailaja D Naik , Traditional Embroideries of India, APH Publishing, 1996.
5. Winifred Aldrich, “Metric Pattern Cutting” – Third Edition, Blackwell Science, 2003.

REFERENCE BOOK(S)

1. Connie Amaden-Crawford ,2004, The Art of Fashion Draping 3rd edition, Bloomsbury Academic.
2. Hilary Campbell, Designing Patterns, , 2003, Om Book services, New Delhi.
3. Kathryn Mokelvey, Janine Munslow, Fashion Design Process, Innovation and Practice, Black Well Science Ltd, U.K, 2005. Involve.
4. Kathy K. Mullet, 2015, Concepts of Pattern Grading, , Bloomsburry Publications, London.

E-RESOURCES

1. <http://mooc.live/sewing-for-beginners-online-course/>
2. <http://www.universityoffashion.com/>
3. <https://www.fibre2fashion.com/industry-article/5658/basics-of-patternmaking>
4. <https://fashion2apparel.blogspot.com/2017/03/pattern-grading-methodsapparel.html>
5. https://pubs.nmsu.edu/_c/C228/index.html

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	3	1	2	1	2	2	2	3	3	1	3	3
CO2	3	3	3	3	1	1	2	1	2	3	3	3	1	3	3
CO3	3	3	3	3	1	1	1	2	2	1	3	3	1	3	3
CO4	3	3	3	3	3	2	2	1	2	2	3	3	1	3	3
CO5	3	3	3	3	1	2	1	2	2	3	3	3	1	3	3

S-Strong(3)

M-Medium(2)

L-Low(1)

**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**



SUNDARAKKOTTAI, MANNARGUDI -614016.

(For the candidate admitted in the academic year 2024-2025)

DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: II – CP-II - Sewing Techniques

Ins. Hrs. / Week:4

Course Credit:4

Course Code:U24FT204P

UNIT – I : Sewing machine & its parts

1. Parts of a Sewing Machine and their Function.
2. Threading a machine.
3. Demonstrating- operating, cleaning and oiling of sewing machine.
4. Demonstration of taking body measurement.
5. Common problems and methods to overcome.

UNIT – II : Preparation of seams, hems and fullness

1. Prepare samples for Seam & Seam Finishes
2. Prepare samples for Hems,
3. Prepare samples for Fullness – Tucks, Darts, Pleats, Ruffles, Godets, Gathers and Frills

UNIT – III: Preparation of Neck finishes, Plackets and yokes.

1. Prepare samples for Facings and Binding,
2. Prepare samples for Plackets and Yokes (any 2 types).

UNIT – IV : Preparation of skirts and pocket

1. Prepare samples for Pocket - Patch, Bound and Pocket set into Seam (any two).
2. Prepare samples for Skirts (Any 5 types).

UNIT – V : Preparation of samples for collars and sleeves

1. Prepare samples for Sleeves (Any 2 types)
2. Prepare samples for collars (Any 2 types)

COURSE OUTCOME:

The students will be able to

1. Describe the functions of a sewing machine and the tools needed for sewing
2. Develop different component of the garments
3. Understand the techniques of finishing garments
4. Acquire skills in constructions of fashion garments
5. Apply different types of trimmings and embroideries in garment enhancement

TEXT BOOK(S)

1. Mary Mathews, Practical Clothing Construction Part-II. Designing, Drafting and Tailoring Bhattarams Reprographics (P) Ltd., Chennai, 1991. 14
2. Harold Carr and Barbara Latham , 1994, The Technology of Clothing Manufacture –, Blackwell Science.
3. A complete guide for sewing – Coles M Sew, Heinemann Professional Publishing, Singapore.

REFERENCE BOOK(S)

1. Reader’s digest Sewing guide, Complete Guide to Sewing 13th Edition, The Reader’s Digest Association Inc, and Pleasant Ville.
2. Pat Moyes, 1999 , “Sewing Basics: Creating a Stylish Wardrobe with Step-by-step Techniques”, Taunton Press,.
3. Edith Callahan, Edna, Callahan. M, Edith Barry, 2008, “Garment Construction”, Wildside Press LLC.
4. Zarapkar K.R, 2005, System of Cutting, Navneet Publications India.
5. Practical cutting and tailoring part II Eshwasri Anwahi, Lakhray Hans R.B Publications, Delhi.

E-RESOURCES

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2. <http://epgp.inflibnet.ac.in/Home/ViewSubject?catid=82710>.
<https://www.fibre2fashion.com/industryarticle/5658/basics-of-patternmaking>
3. <https://ncert.nic.in/vocational/pdf/ievh101.pdf>
4. <https://www.egyankosh.ac.in/bitstream/123456789/92853/1/Unit-17.pdf>
5. <https://gcwgandhinagar.com/econtent/document/1587359029unit%205.pdf>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	1	3	2	1	2	2	2	3	3	1	3	3
CO2	3	3	3	1	3	1	2	1	2	3	3	3	1	3	3
CO3	3	3	3	1	3	1	1	2	2	1	3	3	1	3	3
CO4	3	3	3	1	3	2	2	1	2	2	3	3	1	3	3
CO5	3	3	3	1	3	2	1	2	2	3	3	3	1	3	3

S-Strong(3)

M-Medium(2)

L-Low(1)

**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**



SUNDARAKKOTTAI, MANNARGUDI -614016.

(For the candidate admitted in the academic year 2024-2025)

DEPARTMENT OF FASHION TECHNOLOGY
B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: II – AC-II -Fashion Clothing & Psychology

Ins. Hrs. / Week:3

Course Credit:2

Course Code:U24AFT203

UNIT-I: Fashion Terms

(9 Hours)

Terminology of fashion -Style, Fashion, design, taste, classic, fad, trend, chic, Mannequin, Fashion show, Trade show. Components of fashion-Silhouette, details, texture and colour. #Role of Fashion designer. Essential attributes of a fashion designer.

UNIT-II: Fashion Psychology

(9 Hours)

Fashion adoption # Theories of fashion Flow-Downward Theory, upward flow theory, Horizontal flow theory. Factors influencing Fashion Changes-Psychological, Social, Technological, Economical, Political, Legal and Seasonal Influence. Fashion cycle- Fashion cycles, Length of cycles.

UNIT-III: Fashion changes and Consumer Acceptance

(9 Hours)

Fashion Victim - Fashion Leaders, Fashion Innovators and influentials, Fashion followers. Fashion Forecasting-Process of forecasting-Market Research, Evaluating the Collection # Services of forecasting-Fashion, Colours, Video, Newsletter, Websites, Directories and references.

UNIT-IV: Fashion Designers

(9 Hours)

Types of fashion designers-classicists, Idealist, Influenced, Realist, Thinking Poet. Indian Designers-Ritu Beri, Rohit Khosla, Hemant Trivedi, J.J. Valaya, Ritu Kumar, Manish Malhotra, Abu Jani and Sandeep Khosla, Rina Dhaka and Rohit Bal, Rohit Bal, Tarun Tahiliani, Sangeetha Chopra, Bhamini Subramaniam, Manish Arora, Wendell Rodricks.

UNIT-V: World Wide Fashion Centers

(9 Hours)

Fashion Centers in India-Delhi, Mumbai, Kolkata. International fashion Centres- Paris, Italy, London, New York, Milan, Upcoming Fashion Centres Fashion Weeks London Fashion Week, Paris Fashion Week, Hong Kong Fashion Week..

Total Lecture Hours - 45

COURSE OUTCOME:

The students will be able to

1. Describe the basic concepts of fashion design.
2. Acquire knowledge in fashion psychology.
3. Interpret the fashion victim and innovators.
4. Categorize fashion designers.
5. Enumerate the world wide fashion center..

TEXT BOOK(S)

1. Elaine Stone, The Dynamics of Fashion, Fairchild Publications, New York, 2001.
2. Jenny Davis, A Complete Guide to Fashion Designing, 1st Edition, Abhishek Publication, Chandigarh, 2009.
3. Frings, Fashion from Concept to Consumer, 7th Edition, Dorling Kindersley Publishing Inc, India, 2008.
4. Man Meet Sodhia, History of Fashion, Kalyani Publishers, New Delhi, 2009
5. Man Meet Sodhia, History of Fashion, Kalyani Publishers, New Delhi, 2009

REFERENCE BOOK(S)

1. Easy to make, 2002, book vol:1-vol:18, Octopus Publishing group – New York,.
2. Harriet T, McJimsey, “Art and fashion in clothing selection”, The Iowa State University Press, Ames, Iowa.
3. Indian Jewellery – M.L Nigam, Lustre Press Pvt. Ltd., India (1999).
4. Jeaneettee A. Jarnow, MiriamGuerrero, “Inside the Fashion Business”, Mecomillion Publishing Company, New York

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2. <https://www.slideshare.net/SaranyaDeepu1/fashion-psychology-232636347>
3. https://brocku.ca/MeadProject/Young/1930/1930_23.html
4. <https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=8x0nJkh/R0vHkX1U7 0Z/CQ>
5. <https://www.uen.org/cte/family/fashion/downloads/designers/fashion-capitals.pdf>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	3	3	2	1	2	2	2	3	3	1	3	3
CO2	3	1	3	3	3	1	2	1	2	3	3	3	1	3	3
CO3	3	1	3	3	3	1	1	2	2	1	3	3	3	3	3
CO4	3	1	1	3	3	2	2	1	2	2	3	3	1	3	3
CO5	3	1	1	3	3	2	1	2	2	3	3	3	1	3	3

S-Strong(3)

M-Medium(2)

L-Low

**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**



SUNDARAKKOTTAI, MANNARGUDI -614016.

(For the candidate admitted in the academic year 2024-2025)

DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: I –AP-I: Fashion Illustration (P)

Ins. Hrs. / Week:2

Course Credit:2

Course Code:U24AFT102P

UNIT – I : Introduction to fashion illustration

1. Free Hand Drawing
2. Basics of Shading.
3. Pencil grading and smudging techniques.
4. Stick figures in different poses.

UNIT – II : Fashion Figure Drawing

1. 8 Head theory
2. 10 Head Theory
3. 12 Head Theory.
4. Different poses of Fashion Figure (Women, Men and Children).

UNIT – III :Facial Feature

1. Drawing eyes, nose, ears, lips face, and hair styles.
2. Sketching of different angles of foot and palm.

UNIT – IV: Sketching on basic croqui

1. Necklines, Collars, Sleeves and Cuffs.
2. Children's Wear
3. Women's Wear
4. Men's Wear

Unit – V :Sketching of Fashion Accessories

1. Bags, Foot wear, Hats, Ties, Specs - Any two
2. Jewelries- Traditional and Modern.

COURSE OUTCOME:

The students will be able to

1. Understands the requirement for illustration skills as an essential tool of visual communication for the fashion industry
2. Analyze human anatomy with different Head theories and different types of body contour.
3. Learn to draw different facial figures features and postures.

4. Develop designer wears for males and females to suit current trends
5. Sketch different types of accessories according to fashion figures

TEXT BOOK(S)

1. Alfred D. Dorkenzio (2001), Fashion Sketching: Drawing the Fashion Figure, Thomas Learning Custom Publishing.
2. Bina Abling (2001), Fashion Rendering with Colours, Prentice Hall, New Jersey.
3. Fashion Drawing – The Basic Principles, Anne Allen and Julian Seaman, Anova Books.
4. Tatham Seamas, “fashion design drawing course” 978-0-7641-2473-0

REFERENCE BOOK(S)

1. Fashion illustration and Presentation, Manmeet Sodhia, Kalyani Publishers.
2. Anna Kiper, 2011, Fashion Illustration, David & Charles Book,.
3. Fashion Source Book, Kathryn Mckelvey, Blackwell Science
4. Ritu Beri, Fashion Illustration and Rendering (2005), B. Jain Publishers (P) Ltd., New Delhi.
5. Bill Glazer , 2007, Snap Fashion Sketch Book, Prentice Hall; 2 edition.

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2. <https://www.pinterest.com/kimkarczfashion/fashion-figure-drawing/>
3. <https://www.dr-michaelkernohan.com.au/blogs/8-features-of-a-beautiful-face/>
4. <https://www.udemy.com/learn-to-draw-fashion-with-adobe-illustrator-cc-beginners/?siteID=SAyYsTvLiGQ-uau8PN8UukNxyGp.fl egTA&LSNPUBID=SAyYsTvLiGQ>
5. <https://www.pinterest.com/pin/817333032351521831/>
6. <https://fashionillustrationtribe.com/sketching-fashion-accessories/>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

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CO2	3	3	3	1	3	1	2	1	2	3	3	3	1	3	3
CO3	3	3	3	1	3	1	1	2	2	1	3	3	1	3	3
CO4	3	3	3	1	3	2	2	1	2	2	3	3	1	3	3
CO5	3	3	3	1	3	2	1	2	2	3	3	3	1	3	3

S-Strong(3)

M-Medium(2)

L-Low

**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**



SUNDARAKKOTTAI, MANNARGUDI -614016.

(For the candidate admitted in the academic year 2024-2025)

DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Ins. Hrs. / Week:2 **Semester: II –NME-II: Basics of Textiles**
Course Credit:2 **Course Code: U24NMEFT22**

UNIT I: Textile Fibers **(6 Hours)**

Textile Fibers-Natural-Vegetable fibre, Animal fiber and Mineral fiber. Regenerated fibre-Viscose and acetate Rayon. Manmade fibre-Nylon and polyester.

UNIT II: Fibre To Yarn **(6 Hours)**

Yarn-Definition, classification and characteristics of Basic and Fancy yarns. Spinning and its mechanism.

UNIT III: Textile Dyes **(6 Hours)**

Textile dyes- Definition and classification-Natural dyes and manmade dyes. Properties of natural and manmade dyes.

UNIT IV: Weaving **(6 Hours)**

Weaving- Definition and its Production mechanism. Types of weaves-plain, twill and satin weave.

UNIT V: Knitting **(6 Hours)**

Introduction of knitting- Basic principle of knitting. Non woven - Definition and its End products

Total Lecture Hours - 30

COURSE OUTCOME

1. Analyze the basics of natural textile fibers.
2. To know about the types of yarns
3. To familiarize about the various kinds Natural and synthetic dyes
4. To identify about the Woven fabric production
5. To know about the Knitting and Non woven's

TEXT BOOK (S)

1. Natural Fibers by Dr. Abu Bakr Siddique & Dr. Hosne Ara Begum
2. Introduction to Textile Fibres by H. V. Sreenivasa Murthy
3. Handbook of natural fibres, Volume 1: Types, properties and factors affecting breeding and cultivation Edited by Ryszard M. Kozłowski

REFERENCE BOOK (S)

1. Handbook of natural fibres, Volume 2: Processing and Applications Edited by Ryszard M. Kozłowski
2. Jasleen Dhamija and Jyotindra Jain, 2002, Hand wove Fabrics of India Mapin Publishing Pvt.Ltd. Ahmedabad,.
3. Premalatha Mullick, 2007, Textile Designing, Kalyani Publishers, New Delhi,.

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2. <https://www.linkedin.com/pulse/basic-textiles-otopor-zubaver>
3. <https://www.textileblog.com/basics-of-textile-fiber>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

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CO2	2	2	2	1	1	1	2	1	2	3	1	3	1	1	1
CO3	2	1	1	2	1	1	1	2	2	1	1	3	1	1	1
CO4	2	2	2	2	2	2	2	1	2	2	1	2	1	2	1
CO5	2	2	2	2	2	2	1	2	2	3	1	2	1	1	1

S-Strong(3)

M-Medium(2)

L-Low

**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)**



SUNDARAKKOTTAI, MANNARGUDI -614016.

(For the candidate admitted in the academic year 2024-2025)

DEPARTMENT OF FASHION TECHNOLOGY

B.Sc., FASHION TECHNOLOGY AND COSTUME DESIGNING

Semester: II –Skill Enhancement Course-I: Surface Embellishment -I

Ins. Hrs. / Week:2

Course Credit:2

Course Code: U24SEFT21

Basic hand stitches

1. Running – Whipped Running Stitch, Threaded Running Stitch
2. Hemming
3. Back Stitch - Whipped Back Stitch, Threaded Back Stitch

Basic embroidery stitches

1. Chain stitch – Magic Chain Stitch
2. Button Hole Stitch
3. Stem Stitch
4. Lazy Daisy Stitch - Lazy Daisy with Straight Stitch
5. Satin – Slanting Satin Stitch.

Advanced embroidery stitches

1. French Knot
2. Bullion Knot
3. Feather – Double Feather Stitch, Closed Feather Stitch
4. Herring bone – Threaded Herring Bone Stitch
5. Cross Stitch

COURSE OUTCOME:

The students will be able to

1. Acquire ability of designing embroidery for different stitches.
2. Enable design creation in embroidery based on themes
3. Identifying stitches and their applications
4. Apply various colour schemes in embroidery to enhance dress making.
5. Elaborate the techniques to create different stitch variations.

TEXT BOOK(S)

1. Libby Moore, 2019, Thread Folk: A Modern Makers Book of Embroidery Projects and Artist Collaborations, Paige Tate & Co.,
2. Shailaja D Naik ,1996, Traditional Embroideries of India, APH Publishing,.

REFERENCE BOOK(S)

1. Libby Moore, 2019, Thread Folk: A Modern Makers Book of Embroidery Projects and Artist Collaborations, Paige Tate & Co.,
2. Megan Eckman, 2020, Everyday Embroidery for Modern Stitches', C&T Publishing,.

E-RESOURCES

1. <https://www.youtube.com/watch?v=nJz9c8gEvFg>
2. https://www.youtube.com/watch?v=uJ2SyeFA_B4
3. <https://www.youtube.com/watch?v=Ug2d1NUuE4A>
4. <https://www.youtube.com/watch?v=nJz9c8gEvF>

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
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CO2	2	2	2	1	1	1	2	1	2	3	1	3	1	1	1
CO3	2	1	1	2	1	1	1	2	2	1	1	3	1	1	1
CO4	2	2	2	2	2	2	2	1	2	2	1	2	1	2	1
CO5	2	2	2	2	2	2	1	2	2	3	1	2	1	1	1

S-Strong(3)

M-Medium(2)

L-Low