

**Holy Cross College (Autonomous), Nagercoil**  
**Kanyakumari District, Tamil Nadu.**  
**Accredited with A<sup>+</sup> by NAAC - IV cycle – CGPA 3.35**

Affiliated to  
**Manonmaniam Sundaranar University, Tirunelveli**



**DEPARTMENT OF COSTUME DESIGN AND FASHION**  
**SYLLABUS FOR UNDERGRADUATE PROGRAMME**



**TEACHING PLAN**  
**ODD SEMESTER 2024 – 2025**

## Vision

The vision of our department is to enlighten and educate the youth with the current fashion and transform them to become trend setters in fashion designing in order to respond creatively to global markets towards sustainable development.

## Mission

1. To impart quality education and promote activities with global competencies.
2. To encourage participatory involvement and develop their potentials in designs and structure.
3. To prepare professional and entrepreneurs for fashion industry.
4. To adopt new technologies and develop garments to protect health.
5. To interconnect fashion with eco-friendly product and promote global market.

### Programme Educational Objectives (PEOs)

PEOs	Upon completion of B.A/B.Sc. Degree Programme, the graduates will be able to	Mapping with Mission
PEO 1	apply appropriate theory and scientific knowledge to participate in activities that support humanity and economic development nationally and globally, developing as leaders in their fields of expertise.	M1 & M2
PEO 2	use practical knowledge for developing professional empowerment and entrepreneurship and societal services.	M2, M3, M4 & M5
PEO 3	pursue lifelong learning and continuous improvement of the knowledge and skills with the highest professional and ethical standards.	M3, M4, M5 & M6

### Programme Outcomes (POs)

POs	Upon completion of B.Sc. Degree Programme, the graduates will be able to:	Mapping with PEOs
PO 1	obtain comprehensive knowledge and skills to pursue higher studies in the relevant field of science.	PEO1
PO 2	create innovative ideas to enhance entrepreneurial skills for economic independence.	PEO2
PO 3	reflect upon green initiatives and take responsible steps to build a sustainable environment.	PEO2
PO 4	enhance leadership qualities, team spirit and communication skills to face challenging competitive examinations for a better developmental career.	PEO1 & PEO3
PO 5	communicate effectively and collaborate successfully with peers to become competent professionals.	PEO2 & PEO3
PO 6	absorb ethical, moral and social values in personal and social life leading to highly cultured and civilized personality	PEO2 & PEO3
PO 7	participate in learning activities throughout life, through self-paced and self-directed learning to improve knowledge and skills.	PEO1 & PEO3

### Programme Specific Outcomes (PSOs)

<b>PSO</b>	<b>Upon completion of B.SC Costume Design and Fashion the graduates will be able to</b>
<b>PSO 1</b>	create innovative products in the fashion and textile industry by analyzing the textile materials, styles, designs and client specifications to integrate new developments in fashion and textile industry through quality standards
<b>PSO 2</b>	apply the specialized skills to manage with the available indigenous materials for sustainability in textiles.
<b>PSO 3</b>	develop portfolio presentations from fibre to fashionable garments and exhibit the same through fashion shows to excel as fashion designers and globally competitive entrepreneurs
<b>PSO 4</b>	recognize and analyze every single person's personality that suits their clothing.

**HOLY CROSS COLLEGE (AUTONOMOUS) NAGERCOIL**  
**DEPARTMENT OF COSTUME DESIGN & FASHION**

**Teaching Plan**

**Department** : **Costume Design & Fashion**  
**Class** : **I B.Sc Costume Design & Fashion**  
**Title of the Course** : **Core Course Fiber to Fabric**  
**Semester** : **I**  
**Course Code** : **DU231CC1**

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
DU231CC1	4	-	-	5	4	75	25	75	100

**Objectives**

1. Impart knowledge on the manufacturing process of fabric from the fiber
2. Teach the methods and techniques involved in the fibre, yarn and fabric manufacturing process

**Course Outcomes**

<b>On the successful completion of the course student will be able to:</b>		
1.	classify fibers and understand the manufacturing and properties of natural fibers	<b>K1 &amp; K2</b>
2.	describe the weaving methods and its characteristic features	<b>K1</b>
3.	understand the yarn types and its manufacturing process	<b>K2</b>
4.	gain an understanding of knitting and non-wovens	<b>K2</b>
5.	discover the manufacturing process of man - made fiber	<b>K2 &amp; K3</b>

**K1** - Remember; **K2** - Understand; **K3** – Apply

**Teaching plan**  
**Total Contact hours: 60 (Including lectures, assignments and tests)**

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/Evaluation
<b>I</b>	<b>FIBER CLASSIFICATION NATURAL FIBERS</b>					
	1	Introduction to Textile Fibers	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions
	2	classification of fibres	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions
	3	Primary and secondary characteristics of textile fibres.	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions
	4	Manufacturing process, properties and uses of natural fibres – cotton Brief study about Organic Cotton, woollen and worsted yarn, types of silk	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions
	5	Manufacturing process, properties and uses of natural fibres- Linen	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions
	6	Manufacturing process, properties and uses of natural fibres- Jute	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions
	7	Manufacturing process, properties and uses of natural fibres- Silk	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions

	8	Manufacturing process, properties and uses of natural fibres- Wool	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions
	9	Brief study about Organic Cotton, woollen and worsted yarn,	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions
	11	Types of Silk	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions MCQ Recall steps , Concept definitions
<b>II</b>	<b>REGENERATED AND SYNTHETIC FIBRES</b>					
	1	Manufacturing process, properties and uses of man-made fibres Viscose rayon	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	2	Manufacturing process, properties and uses of man-made fibres Nylon,	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	3	Manufacturing process, properties and uses of man-made fibres , polyester	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	4	Manufacturing process, properties and uses of man-made fibres acrylic.	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	5	Brief study on polymerization,	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	6	Brief study on bamboo,	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	7	Brief study about spandex,	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay

					Discussion	
	8	Brief Study about Micro fibres & its properties.	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	9	Brief study about Texturization - Objectives, Types of textured yarns & Methods of Texturization	1	K1(R)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
<b>III</b>	<b>YARN MANUFACTURING</b>					
	1	Spinning	1	K1(R)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	2	Definition and classification	1	K1(R)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	3	Chemical and mechanical spinning;	1	K1(R)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	4	Cotton Yarn Production sequence and objectives- opening, cleaning, doubling, carding, combing, drawing, roving and spinning.	1	K1(R)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	5	Comparison of carded and combed yarn.	1	K1(R)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	6	Yarn - Definition and classification- simple and fancy yarns.	1	K1(R)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	7	Manufacturing Process of sewing thread – cotton and synthetic..	1	K1(R)	Lecture using PPT and talk, Introductory session, Group	Longer essay/ Evaluate longer essay

					Discussion	
	8	Yarn numbering systems	1	K1(R)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/Evaluate longer essay
	9	Significance of yarn twist	1	K1(R)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/Evaluate longer essay
<b>IV</b>	<b>WEAVING MECHANISM</b>					
	1	Classification of fabric forming methods	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	2	Weaving preparatory processes and its objectives – Warping, Sizing & Drawing – in. Weaving mechanism	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	3	Weaving Mechanism- Primary, secondary & auxiliary motions of a loom.	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	4	Parts and functions of a simple loom;	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	5	Classification of looms	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	6	Salient features of automatic looms;	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	7	Shuttle looms, its advantages	1	K2(U)	Lecture using PPT and talk	Simple definitions MCQ Recall steps



					using smart board, Introductory session, Group Discussion	Concept definitions
	8	Types of shuttles less looms – Ravier	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	9	Types of shuttles less looms – Projectile – Air jet – Water jet	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	10	Types of shuttles less looms – Projectile	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	11	Types of shuttles less looms – Air jet – Water jet	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions
	12	Types of shuttles less looms – Water jet	1	K2(U)	Lecture using PPT and talk using smart board, Introductory session, Group Discussion	Simple definitions MCQ Recall steps Concept definitions

<b>V KNITTING AND NONWOVEN FABRICS</b>						
	1	Knitting- Definition, classification.	9	K1®)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Principles of weft and warp knitting	1	K1®)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay

	3	Terms of weft knitting.	1	K1®)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	Knitting machine elements.	1	K1®)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	5	Classification of knitting machines.	1	K1®)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	6	Characteristics of basicweft knit structures.	1	K1®)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	7	Introduction to Nonwoven - Application end uses	1	K1®)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	8	Choosing the best dress for the figure types.	1	K1®)	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	9	Factors influencing design application for different age group, occasions and seasons	1	K1®)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Evaluation through short test, Seminar

**Course Focussing on Employability/ Entrepreneurship/ Skill Development : Employability**

1. Quality Engineer
2. Factory Manager
3. Factory Supervisor

**Entrepreneurship**

1. Weaving factory
2. Spinning Factory
3. Knitting Factory
4. Yarn Business
5. Fibre Business

**Activities (Em/ En/SD):**

1. Collecting different types of Natural Fibre
2. Collecting Different types of manmade fibres

### Assignment

1. Different types of Natural Fibres , properties and its uses
2. Different types of manmade fibres , properties and its uses

### Model Questions

#### Part A (10 x 1 = 10 marks)

1. Which one of the following is a synthetic fibre?  
a.) Rayon b.) Nylon c.) Polyester d.) All of the above
2. The process of separating cotton fibres from the seeds is called \_\_\_\_  
a.) Retting b.) Ginning c.) Weaving d.) Spinning
3. In ring spinning the traveller rpm  
a) equal to spindle rpm b) higher than spindle rpm c) lower than spindle rpm d) Constant
4. Fabrics can be obtained by which of the following processes?  
a.) Ginning b.) Weaving c.) Knitting d.) Reeling
5. What is the process of making yarn from fibres called?  
a.) Weaving b.) Knitting c.) Spinning d.) Ginning
6. The climate that is suitable for growing cotton plants is \_\_\_\_.  
a.) Warm climate b.) Humid climate c.) Cold climate d.) Rainy climate
7. The method of extracting threads from a cocoon for the use of silk is called \_\_\_\_\_.  
a.) Weaving b.) Ginning c.) Reeling d.) Spinning
8. If a piece of fabric burns by giving the smell of charred meat, it is most likely to be made up of  
a.) cotton b) jute c) silk d) wool-
- 9.. The yarn is wound on big reels are called  
a) Silver b) bobbins c) bailing d) retting
10. The waste removed in blow room while processing manmade fibres should be around  
a) 1% (b) 1% (c) 2% (d) 3%

#### Part – B (5×6=30 marks)

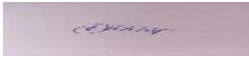
1. Give an account on the manufacturing processing of Silk.
2. Write in detail about the manufacturing process of Organic Cotton
3. Write a short note on Spandex Fibre.
4. Describe the chemical properties of Viscose Rayon.
5. Write a short note on ginning.
6. Explain the sequence of blow room process.
7. Explain the basic operations of weaving?
8. Write in detail about Shuttle less loom.
9. Write In detail about principles of warp and weft knitting
10. Write in detail about application of Nonwoven and its uses

#### Part C (5 x12 = 60 marks)

1. Give an account on desirable properties of Textile fibres
2. Write in detail about the manufacturing process of wool.
3. Explain in detail about the manufacturing process of polyester.
4. Explain in detail about Texturization Process and its types
5. Explain in detail about the working procedure of draw frame
6. Explain the working principle of Simplex
7. Write in detail about classification of looms

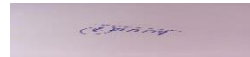
8. Write briefly about the salient features of waterjet and Air jet loom
9. Explain in detail about the elements of weaving machine.
10. Write in detail about the characteristics of basic weft knit structure.

**Course Instructor**



**HOD**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF COSTUME DESIGN &  
FASHION (S.F)  
OLY CROSS COLLEGE (AUTONOMOUS)  
NAGERCOIL - 623 004



**HOLY CROSS COLLEGE (AUTONOMOUS)**

**NAGERCOIL**

**Department** : **Costume Design and Fashion**  
**Class** : **I B.Sc Costume Design and Fashion**  
**Title of the Course** : **ELECTIVE COURSE I: SEWING TECHNOLOGY**  
**Semester** : **I**  
**Course Code** : **DU241EC1**

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
<b>DU241EC1</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>4</b>	<b>60</b>	<b>25</b>	<b>75</b>	<b>100</b>

**Objectives:**

1. To impart knowledge on basis of sewing and orients the learners in the field of costume design.
2. The learners are expected to know the sewing machineries, stitching mechanism, spreading methods in apparel industry

<b>CO</b>	<b>Upon completion of this course, the students will be able to</b>	<b>PSO addressed</b>	<b>Cognitive level</b>
CO - 1	Explain the stitching mechanism	PSO – 1	<b>K1</b>
CO - 2	Demonstrate the Sewing Machineries	PSO – 2	<b>K2</b>
CO - 3	Apply the spreading methods and tools used for spreading	PSO – 3	<b>K2</b>
CO - 4	Analyse and evaluate the cutting technologies and its techniques.	PSO – 3	<b>K4</b>
CO – 5	Create the federal standards for stitch and stitch classification.	PSO – 3	<b>K5&amp;K6</b>

## Teaching plan

**Total Contact hours: 60 (Including lectures, assignments and tests)**

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
<b>I</b>	<b>Sewing machineries</b>					
	1.	Sewing machineries- classification of sewing machines, parts and functions of single needle machine, double needle machine, over lock machine, bar tacking machine, button hole making machine, button fixing machine, blind stitching machine, care and maintenance, common problems and remedies.	12	K1& K2 – Remember & Understand	Lecture using Chalk and talk, Introductory session, Group Discussion, YouTube Video, Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>II</b>	<b>Stitching mechanism</b>					
	1	Stitching mechanism - Needle, Bobbin case, Bobbin and its winding, shuttle, shuttle hook, Loops and Loop spreader, threading finger, upper and lower threading, auxiliary hooks, throat plate, presser foot and its types, Take-up lever, Tension guide and their function	12	K1- Remember	Lecture using Chalk and talk, Introductory session, Group Discussion, YouTube Video, Experimental Learning	Check knowledge in specific or off best situations, illustrate the different concept
<b>III</b>	<b>Spreading and marking</b>					

	1	Spreading methods and tools used for spreading, types of spreading. Marking methods - positioning marking, types of markers, efficiency of a marker plan, and requirements of marker planning	12	K2- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion, You Tube Video,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations
IV	<b>Cutting technology</b>					
	1	Cutting technology – definition and function of cutting. Cutting equipment's and tools, Straight knife cutting machines, Rotary cutting machines, Band knife cutting machine, Die cutters, drills and computerized cutting machines. Pressing Equipment - purpose, pressing equipment's and methods – iron, steam press, steam air finisher, steam tunnel.	12	K4 - Analyse	Lecture using Chalk and talk, Introductory session, Group Discussion, You Tube Video, Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations
V	<b>Stitches and seams as per Federal standards</b>					
	1	Definition and types of stitches and seams as per Federal standards - Application of stitches and seams in clothing. Brief study on various industrial finishing machines - Pressing, fusing, stain removing, needle detecting machines	12	K5 &K6 - Evaluate & Create	Lecture using Chalk and talk, Introductory session, Group Discussion, You Tube Video, Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations

## Employability

1. Dress maker
2. Designer or mechanist
3. Quality controller
4. Quality manager

## Entrepreneurship

1. Dress maker

## Activities (Em/ En/SD):

1. Collect the sewing machine parts.
2. Collect the pictures of different machineries.
3. Stitch the different seams.

## Assignment

- 1 Write about the sewing machine parts.
- 2 Draw the different sewing machines.

## Sample questions

### PART: A

#### Choose the correct answer: (10×1=10 marks)

1. **A sewing machine is used to stitch**  
a. **Fabric**    b. **thread**    c. **both a and b**    d. **none of the above**
2. The needles commonly used in dressmaking are called as  
a. Sharps    b. strength    c. shape    c. length
3. The upper thick part of a sewing machine needle is called as  
a. Shank    b. groove    c. scarf    d. eye
4. Which assist the looper in making the stitches.  
a. Loop spreader    b. Snub nosed or    c. Dull pointed    d. All the above
5. ----- consists only on one layer of fabric.  
a. Single ply thread    b. Multi ply spread    c. Stepped spread    d. **Flat spreads**
6. Patterns are made from  
a. Card    b. Paper    c. Tissue    d. Plastic
7. Marking onto the fabric as  
a. a pencil    b. a ball point pen    c. chalk    d. marker
8. Hand shears is used cutting  
a. Single or double plies    b. weft plies    c. Single pile    d. Warp piles
9. In garment industries pressing is called  
a. Ironing    b. Finishing    c. Marking    d. Cutting
10. ----- is an important finishing process of in garment industry.  
a. Ironing    b. Pressing    c. Cutting    d. Spreading

### Part - B

#### Answer any five all Questions (5 X 5 = 25 marks).

1. Illustrate single needle sewing machine.
2. Describe care and maintains of sewing machine.
3. Explain about the following  
a. Bobbin

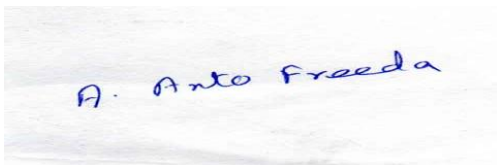


- b. Take up Lever
  - c. Presser foot
4. Write about the types of spreading.
5. Evaluate Manual marker planning.
6. Illustrate the cutting tools and equipments.
7. Write about the methods of pressing.
8. Explain about the following
  - a. Class 300
  - b. Class 100
  - c. Class 500

### Part – C

#### Answer any Five Questions (5 X 8 = 40 marks)

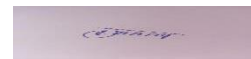
1. Briefly explain about over lock sewing machine.
2. Explain about the parts of sewing machine.
3. Illustrate and explain tools and equipments used in spreading.
4. Evaluate marker planning.
5. Describe about the types of spreading.
6. Illustrate any two cutting machines and explain its procedure.
7. Evaluate pressing.
8. Write about the types of fusing.



A. Anto Freeda



HEAD OF THE DEPARTMENT  
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NAGERCOIL - 623 004



Mrs. T. Menaka

**Course Instructor**  
**Mrs. A. Anto Freeda**

**Head of the Department**  
**Mrs. T. Menaka**

## SEMESTER I

### ELECTIVE PRACTICAL COURSE I: FUNDAMENTALS OF FASHION ILLUSTRATION

Course Code: XU233CC1

Hours/Week	Credits	Total hours	Marks
2	2	30	100

#### Learning Objectives:

- To know about the basic concepts of Illustration techniques and formation of parts of the human body in different proportions and variations.
- To practice about the formation of Human Croquis and accessories

#### Course Outcomes

Upon the successful completion of the course, students will be able to:		Cognitive Level	CO
1	understand the basic skill of fashion illustration.	<b>K1 &amp;K2</b>	<b>R/U</b>
2	apply the elements and principles of design in various apparels.	<b>K3</b>	<b>Ap</b>
3	analyze the use of elements and principles in designing of garments.	<b>K4</b>	<b>An</b>
4	evaluate the combination of elements of design.	<b>K5</b>	<b>E</b>
5	create garment design based on the elements and principles of design	<b>K6</b>	<b>C</b>

**Teaching Plan with Modules**  
**Total hours: 30**

Unit	Section	Topics	Hours	Cognitive Level	Pedagogy	Assessment/ Evaluation
<b>I</b>	1	Introduction to basic drawing	1	K1 & K2	Lecture & Discussion	Assignment
	2	Illustration of 4,6,8 head theory (Male & Female)	2	K2 &K3	Experimental learning	Discussion & Submission
	3	Illustration of 10 &12 head theory	1	K2 &K3	Demonstration	Discussion & Submission
	4	Illustration of stick, block and flesh figure	2	K4 &K6	Experiential Learning	Presentation & Display Class Test - I
<b>II</b>	1	Basic steps in color chart	2	K1 & K2	Lecture &PPT	Observation
	2	Explanation on prang color chart	2	K2 &K3	Discussion & Lecture	Display of the Chart
	3	Steps involved in value and intensity chart	2	K2, K3 & K4 &K6	Lecture	Observation & submission of charts Quiz – I (1&2) & 1 <sup>st</sup> Internal
<b>III</b>	1	Illustrate the garments with the application of Monochromatic colour & Analogous colour harmony	2	K3 &K4	Demonstration & Experimental Learning	Submission of charts
	2	Illustrate the garments with the application of Complimentary &Double color harmony	2	K3 &K4	Experimental Learning	Observation & Demonstration Revision - I
	3	Illustrate the garments with the application of split & Double color harmony	2	K3 &K6	Experiential Learning	Demonstration & Display
<b>IV</b>	1	Illustrate garments with the application of elements of design - line	2	K3 &K4	Experimental Learning	Submission Class Test – 2 Quiz – 2(3&4)
	2	Illustrate garments with the application of elements of Shape or Form	2	K3 &K6	Demonstration	Assignment &Submission
	3	Illustrate garments with the application of elements of Size & Texture	2	K3 &K6	Discussion & Presentation	Observation & Submission 2 <sup>nd</sup> Internal test
<b>V</b>	1	Illustrate garment with application of the Principals	2	K2 &K3	Demonstration & Display	Submission & Revision – II

		of Design Balance in Dress				Quiz – III (5)
	2	Illustrate garment with application of the Principals of Design Harmony in Dress	2	K2 &K3	Experimental Learning	Observation & Submission
	3	Illustrate garment with application of the Principals of Design Emphasis in Dress	2	K2 , K3&K6	Experiential Learning	Submission of records & samples Revision - III

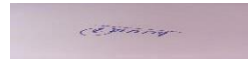
**Course Instructor**  
**Dr. Sr. Mary Gilda**



**Mrs. Jugal Iswarya**

**Head of the Department**  
**Mrs. T. Menaka**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF COSTUME DESIGN &  
FASHION (S.F)  
HOLY CROSS COLLEGE (AUTONOMOUS)  
NAGERCOIL - 623 004



**HOLY CROSS COLLEGE (AUTONOMOUS)  
NAGERCOIL**

**DEPARTMENT OF COSTUME DESIGN and FASHION**

**Department** : Costume Design and Fashion  
**Class** : I B.Sc Costume Design and Fashion  
**Title of the Course** : ELECTIVE COURSE I: SEWING TECHNOLOGY  
**Semester** : I  
**Course Code** : DU241CP1

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
DU241CP1	3	-	-	-	3	3	45	25	75	100

**Learning Objectives:**

1. To explain about the fundamentals, components of garment construction
2. To demonstrate the elements of garment enhancements

**Course Outcomes**

On the successful completion of the course, student will be able to:		
1.	choose fasteners and binding.	KI&K2
2	design different types of sleeve patterns.	K2
3.	develop basic hand stitch and seams	K3
2.	apply and evaluate fullness in samples.	K4 &K5
3.	create facing and binding sample	K6

**Teaching Plan with Modules**  
**Total hours: 30**

Unit	Section	Topics	Hours	Cognitive Level	Pedagogy	Assessment/ Evaluation
I	<b>Basic Stitches</b>		9	K3 - Apply	Lecture & Discussion, Experimental learning & Demonstration	Assignment, Discussion & Submission
	1	<b>Basic hand stitch</b> – Running stitch, hemming stitch, slip stitch, back stitch, overcasting stitch.				
	2	<b>Seams</b> – Plain seam, single top stitched seam, double top stitched seam, flat fell seam, French seam, mantua maker’s seam, welt seam, lapped seam, slot seam, and piped seam				
	3	<b>Seam finishes</b> - Pinked finish, edge stitched finish, double stitch finish, overcast finish, herring bone finished seam, bound seam edge finish				
II	<b>Fullness</b>		9	K4 &K5 – Analyse & Evaluate	Lecture &PPT, Discussion & Lecture	Observation Display of the Samples
	1	Darts- Single, Double, Pointed Darts, Pivot Darts				
	2	Tucks - Pin Tucks, Cross Tucks, Piped Tucks, Shell Tucks.				
	3	Pleats- Pleats; Knife Pleats, Box Pleats, Invertible Box Pleats, Kick Pleats.				
	4	Flare– Godets – Gathers – Shirring – Single and Double Frills – Single and Double Ruffle				
III	<b>Facing and Binding</b>		9	K1&K2 – Remember & Understand	Demonstration & Experimental Learning	Submission of charts Observation & Demonstration
	1	<b>Facing</b> – Bias Facing, Shaped Facing, Decorative Facing.				
	2	<b>Binding</b> – Bias Binding, Single and Decorative Bias Binding.				
IV	<b>Plackets and Fasteners</b>		9	K3 - Apply	Experimental	

	1	<b>Plackets</b> – Bound Plackets, Continuous Bound Plackets, Discontinuous Plackets, Slot Seam Zipper Plackets and Tailored Plackets.			Learning, Demonstration	Assignment & Submission
	2	<b>Fasteners</b> – Press Button, Hook and Eye, Loop Button, Button and Button Holes, Zipper				
<b>V</b>	<b>Sleeves</b>		9	K2 - Understand	Demonstration & Display, Experimental Learning	Submission of records & samples
	1	<b>Sleeves</b> - Types of Sleeves - Plain, Puffs – Gathered at Top and Bottom, Bell, Bishop, Circular, Leg-O-Mutton, Magyar Sleeves, Raglan, Dolmen and Kimono sleeves.				

### Employability

1. Fashion Designer
2. Industrial Engineer
3. Fashion Merchandiser
4. Quality In charge
5. Quality Supervisor
6. Quality Control Supervisor

### Entrepreneurship

1. Production Process
2. Laying Marking and cutting
3. Garment components and its stylings

### Assignment

1. Write about the seams.
2. Draw the different seams finishes and different collars.

### Sample questions

#### PART: A

1. Stitch the following samples
  - a. Flat felt seam
  - b. Welt seam
  - c. French seam
2. Prepare the hand stitch samples

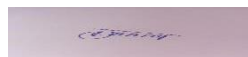
- a. Hemming stitch
  - b. Over casting stitch
  - c. Back stitch
3. Prepare the sample
  - a. Shell tuck
  - b. Knife pleat
  - c. Double ruffle
4. Stitch the following samples
  - a. Cross tuck
  - b. Pivot dart
  - c. Box pleat
5. Finish the facing
  - a. Decorative facing
  - b. Bias facing
6. Prepare the following sampls
  - a. Bias binding
  - b. Decorative binding
7. Prepare the plackets
  - a. Tailored plackets
  - b. Bound blackest
8. Finish the Fastners
  - a. Press button
  - b. Zipper
9. Prepare the sleeves
  - a. Bell sleeve
  - b. Raglan sleeve
10. Finish the samples
  - a. Puff sleeve gathered at top
  - b. Bishop sleeve



A. Anto Freeda



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 NAGERCOIL - 629 004



Mrs. T. Menak

**Course Instructor**

**Mrs. A. Anto Freeda**

**Head of the department**

**Mrs. T. Menak**



**HOLY CROSS COLLEGE (AUTONOMOUS) NAGERCOIL  
DEPARTMENT OF COSTUME DESIGN & FASHION**

**Teaching Plan**

**Department** : Costume Design & Fashion  
**Class** : I B.Sc Costume Design & Fashion  
**Title of the Course** : Foundation Course Fashion Designing Concept  
**Semester** : I  
**Course Code** : DU241FC1

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
FU231CC1	1	1	-	-	2	2	30	25	75

**Objectives**

1. To learn about the different designs used in fashion.
2. To study about different types and principles of designs

**Course Outcomes**

On the successful completion of the course, student will be able to:		
1.	explain the terms of fashion used in fashion industry.	<b>K1</b>
2.	develop dress designs on principles of design.	<b>K2</b>
3.	design various types of dresses using colors.	<b>K3</b>
4.	apply the elements of design used in various dresses	<b>K3</b>
5.	Illustrate different types of fashion accessories.	<b>K3</b>

**K1** - Remember; **K2** - Understand; **K3** – Apply

**Teaching plan**  
**Total Contact hours: 60 (Including lectures, assignments and tests)**

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/Evaluation
<b>I DESIGN ELEMENTS AND PRINCIPLES</b>						
	1.	Design- definition and types – structural and decorative design, requirements of a good structural and decorative design in dress.	2	K2(U)	Lecture using PPT using smart board, Introductory session, Group Discussion,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2.	Elements of design and its application in dress – line, shape or form, <b>c o l o r</b> and Texture	2	K2(U)	Lecture using PPT using smart board, Introductory session, Group Discussion,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>II PRINCIPLES OF DESIGN</b>						
	1.	Principles of design and its application in dress – balance, rhythm, emphasis, harmony and Proportion	2	K2(U)	Lecture using PPT using smart board, Introductory session, Group Discussion,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>III COLOUR</b>						
	1	Colour theories	1	K1 (R)	Lecture using PPT using smart board, Introductory session, Group Discussion	Check knowledge in specific or off beat situations, Illustrate the different concept
	2	Prang colour chart	1	K2(U)	Lecture using PPT using smart board, Introductory session, Group Discussion,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	3	Dimensions of colour hue, value, and intensity.	1	K1 (R)	Lecture using PPT using smart board, Introductory session, Group	Check knowledge in specific or off beat situations, Illustrate the

					Discussion	different concept
	4	Munsell Colour System	1	K1 (R)	Lecture using PPT using smart board, Introductory session, Group Discussion	Check knowledge in specific or off beat situations, Illustrate the different concept
	5	Standard colour harmonies	1	K1 (R)	Lecture using PPT using smart board, Introductory session, Group Discussion	Check knowledge in specific or off beat situations, Illustrate the different concept

<b>IV DESIGNING DRESSES FOR UNUSUAL FIGURES</b>						
	1	Deigning dresses for unusual figures	1	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Becoming and Unbecoming	1	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	3	For the following figure types. Stout figure, thin figure, narrow shoulders, broad shoulders, round shoulders, large bust, flat chest, large hip, large abdomen, round face, large face, small face, prominent chin and jaw, prominent forehead	3	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay

<b>V FASHION EVOLUTION</b>						
	1	Fashion evolution – Fashion, style, fad and classic, Fashion cycles,	1	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Adoption of Fashion theories- Trickle down, trickle up and trickle across,	1	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	3	fashion director,.	1	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	fashion editor,	1	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	5	fashion leaders,	1	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	6	fashion innovators,	1	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	7	Fashion followers	1	K2 (U)	Lecture using PPT using smart board, Introductory session, Group Discussion	Longer essay/ Evaluation essay

#### **Employability**

1. Fashion Designer
2. Industrial Engineer
3. Fashion Merchandiser
4. Fashion Journalist

## Entrepreneurship

1. Elements of Design
2. Principles of Design
3. Colour Theory

### Activities (Em/ En/SD):

1. Elements of Design
2. Principles of Design
3. Colour Theory

### Assignment : (Mention Topic and Type)

1. Colour Theory
2. Top most International Fashion designers

### Sample questions

#### Part A

1. What is Design and its types
2. What is Anti Fashion? What is the role of Fashion in our day to day life
3. What is Fashion Cycle
4. Define Classic
5. Define Trickle down and Trickle up theory

#### Part B

1. Write short notes on Fashion and style.
2. What are the features of fashion forecasting?
3. Write short notes on elements of design.
4. Define Balance. Give two illustrations for formal balance in a ladies wear
5. Apply the value of short t notes on Hue, Value, Intensity.
6. List down the colours in colour wheel and explain.
7. How will you design a garment for a stout figure?
8. Design a shirt for round shoulder figure
9. How will you plan a wardrobe for teenagers?
10. What are the factors influencing wardrobe selection?

#### Part C

1. Write short notes on Fashion Terminologies.
2. Describe the method of fashion forecasting.
3. Write the applications of principles of design in a garment.
4. Discuss about the requirements of a good structural design in Women's garments
5. Give an account on Rhythm through repetition.
6. Explain prang colour chart.
7. How will you design a dress for a flat chest figure? Give any two designs.
8. Explain and Illustrate Monochromatic & Analogous colour harmony?
9. Describe a wardrobe planning for high school boys and girls.
10. Write on the becoming and unbecoming for large bust and large hip person

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Course Instructor

*[Signature]*

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**HOLY CROSS COLLEGE (AUTONOMOUS) NAGERCOIL  
DEPARTMENT OF COSTUME DESIGN & FASHION**

**Teaching Plan**

**Department** : Costume Design & Fashion  
**Class** : I B.Sc Costume Design & Fashion  
**Title of the Course** : NME: Fashion Concept & Design  
**Semester** : I  
**Course Code** : DU231NM1

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
FU231SE1	4	-	-	2	30	75	25	75	100

**Objectives**

1. To learn about the different designs used in fashion.
2. To study about different types and principles of designs

**Course Outcomes**

On the successful completion of the course, student will be able to:		
1	explain the terms of fashion used in fashion industry.	<b>K1</b>
2	develop dress designs on principles of design.	<b>K2</b>
3	design various types of dresses using colors.	<b>K3</b>
4	apply the elements of design used in various dresses	<b>K3</b>
5	illustrate different types of fashion accessories.	<b>K3</b>

**K1** - Remember; **K2** - Understand; **K3** – Apply;

**Teaching plan**  
**Total Contact hours: 60 (Including lectures, assignments and tests)**

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/Evaluation
<b>I</b>	<b>TERMS IN FASHION INDUSTRY</b>					
	1.	Definition of Fashion, Style, Classic, Fad, Fashion cycle..	1	K2 (U)	Lecture using Chalk and talk , Introductory session, Group Discussion,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2.	Term related to fashion industry,	1	K2 (U)	Lecture using Chalk and talk , Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept Definitions
	3.	Mannequin, Boutique, Collection,	1	K2 (U)	Lecture using Chalk and talk , Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept Definitions
	4.	Fashion shows	1	K2 (U)	Lecture using Chalk and talk , Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept Definitions
	5.	Apparel Catalogue,	1	K2 (U)	Lecture using Chalk and talk , Introductory session, Group Discussion	Longer essay/ Evaluation essay
	6.	, Fashion Cycle	1	K2 (U)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Check knowledge in specific or Offbeat situations, Illustrate the Different Concept
<b>II</b>	<b>ELEMENTS OF DESIGN</b>					
	1	Design – definition and	1	K2 (U)	Lecture using Chalk and talk ,Introductory	Check knowledge in specific or

		types.			session, Group Discussion	offbeat situations, Illustrate the different concept
	2	Elements of design – Line, Shape, Size, texture,	2	K2 (U)	Lecture using Chalk and talk , Introductory session, Group Discussion	Check knowledge in specific or offbeat situations, Illustrate the different concept
	3	Colour. Creating	2	K2 (U)	Lecture using Chalk and talk , Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	Variety in dress through elements of design	1	K3 (A)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
<b>III</b>	<b>PRINCIPLES OF DESIGN,</b>					
	1	Design principles – Harmony, Proportion, Balance, Rhythm, Emphasis,	1	K2 (U)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2	Application of principles in dress	2	K3 (A)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>IV</b>	<b>COLOURS</b>					
	1	Colour – definition and qualities	1	K2 (U)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Prang colour chart..	1	K2 (U)	Lecture using Chalk and smart board ,Introductory session, Group Discussion	Longer essay/ Evaluation essay



	3	Colour harmony – Monochromatic, Analogous,	1	K2 (U)	Lecture using Chalk and talk, Introductory	Longer essay/ Evaluation Essay
	4	Complementary, colour harmony	1	K2 (U)	Lecture using Chalk and smart board ,Introductory session, Group Discussion	Longer essay/ Evaluation Essay
<b>V</b>	<b>FASHION ACCESSORIES</b>					
	1	Fashion accessories – Shoes, Handbags, Hats, Ties	1	K2 (U)	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Different types and shapes	1	K2 (U)	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay

**Course Focussing on Employability/ Entrepreneurship/ Skill Development : Employability**

1. Fashion Designer
2. Export house
3. Merchandiser
4. Quality Supervisor
5. Industrial Engineer

**Entrepreneurship**

1. Handbags
2. Fashion Accessories
3. Shoes
4. Colour Harmony

**Skill Development**

1. Elements of Design
2. Principles of Design
3. Colour Theory
4. Fashion Accessories

**Activities (Em/ En/SD):**

1. Collect different types of shoes
2. Colour Mixing- Primary Colour & Secondary Color

**Assignment :**

1. International 5 top most boutique
2. International 5 Top Fashion Designers

**Seminar Topic:**

1. Fashion Accessories – different types of shapes and sizes of shoes
2. Fashion Accessories – different types of shapes and sizes of Handbags

## Sample questions

### Part A

1. Define Fashion
2. Classify the types of Design
3. What is meant by Emphasis
4. What is meant by color harmony
5. Classify the types of Ties


### Part - B Answer all Questions

1. Discuss in detail about fashion cycle with neat diagram.
2. Briefly explain about fashion Cycle.
3. Explain the elements of design with neat illustration.
4. Explain the requirements of structural and decorative design with neat diagram.
5. Define emphasis. Elaborately explain in details about types of emphasis with neat illustration.
6. Define harmony. Explain in details about types of harmony with neat illustration.
7. Explain in details about analogous color with neat diagram.
8. Illustrate the application of color principles of design.

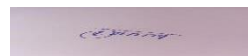
### Part - C Answer all Questions

1. Define fashion. Illustrate different types of fashion garment worn by teenagers.
2. Explain in briefly about the Boutique and Mannequin.
3. Define design. Explain the types of design.
4. Illustrate and design garments using different types of lines.
5. Define balance. Explain in details about types of balance with neat illustration.
6. Define rhythm. Explain in details about types of rhythm with neat illustration.
7. Define color. Explain in details about color theories with neat illustration.
8. Briefly explain the prang color chart with neat illustration.

Course Instructor



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**HOLY CROSS COLLEGE (AUTONOMOUS)  
NAGERCOIL**

**DEPARTMENT OF COSTUME DESIGN and FASHION**

**Department** : Costume Design and Fashion  
**Class** : II B.Sc Costume Design and Fashion  
**Title of the Course** : CORE COURSE III: PATTERN MAKING AND GRADING  
**Semester** : III  
**Course Code** : DU233CC1

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
<b>DU233CC1</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>5</b>	<b>75</b>	<b>25</b>	<b>75</b>	<b>100</b>

**Objectives**

1. To enable the students to develop the ability to create design through flat pattern techniques.
2. To understand the pattern making and grading techniques and know about commercial pattern, fitting, alteration and layout methods

<b>CO</b>	<b>Upon completion of this course, the students will be able to</b>	<b>PSO addressed</b>	<b>Cognitive level</b>
CO - 1	Explain and understand the pattern making methods and commercial pattern	PSO – 1	<b>K1&amp;K2</b>
CO - 2	Apply the Grading Techniques for different styles	PSO – 2	<b>K3</b>
CO - 3	Analyze the Pattern making Technology.	PSO – 3	<b>K4</b>
CO - 4	Evaluate and check the good fit of a garment.	PSO – 3	<b>K5</b>
CO – 5	Create the pattern with required style and measurement and grade them.	PSO – 3	<b>K6</b>

**Teaching plan**  
**Total Contact hours: 60 (Including lectures, assignments and tests)**

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
<b>I</b>	<b>PATTERN MAKING METHODS</b>					
	1.	Methods of Pattern Making- Drafting, Draping and Flat pattern methods. Drafting- Principles of drafting. Steps in drafting children's and adult's bodice and sleeve patterns. Flat pattern techniques- Definition, Pivot, Slash and Spread method.	15	K1&K2- Remember & Understand	Lecture using Chalk and talk, Introductory session, Group Discussion, YouTube Video, Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>II</b>	<b>COMMERCIAL PATTERN</b>					
	1	Study of commercial pattern and body measurements – Birth of commercial pattern, Preparation of commercial pattern. Body measurements – importance and Principles of taking body measurements. Method of taking body measurements for different garments.	15	K1&K2- Remember & Understand	Lecture using Chalk and talk, Introductory session, Group Discussion, YouTube Video, Experimental Learning	Check knowledge in specific or off best situations, illustrate the different concept
<b>III</b>	<b>PATTERN LAYOUT</b>					

	1	Pattern layout- Rules in pattern layout. Common methods for layout. Layout for asymmetrical designs, Bold designs, Checked and One-way design. Economy of fabrics in placing pattern- Adjusting the fabrics to patterns, Rules for placement of fabric if not sufficient.	15	K4- Analyse	Lecture using Chalk and talk, Introductory session, Group Discussion, You Tube Video,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations
IV	<b>FITTING AND ALTERATION</b>					
	1	Fitting-Definition- Principles for good fit. Causes for poor fit, checking the fit of a garment, solving fitting problems in various garments, basic principles. Fitting techniques. Pattern alteration- importance of altering patterns. Principles for pattern alteration.	15	K5- Evaluate	Lecture using Chalk and talk, Introductory session, Group Discussion, You Tube Video, Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations
V	<b>PATTERN GRADING</b>					
	1	Grading- Definition, Types (Manual and Computerized). Manual- Master Grade, Basic back, Basic Front, Basic collar. Computerized grading technology- Information Flow, System description, process involved in pattern grading.	15	K6- Create	Lecture using Chalk and talk, Introductory session, Group Discussion, You Tube Video, Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations

### Employability

1. Pattern designer
2. Pattern maker
3. Production pattern maker

### Entrepreneurship

1. Designer boutique

## 2. Pattern maker

### Activities (Em/ En/SD):

1. Draw pattern in different types of garment
2. Measure the body measurement in a particular garment.

### Assignment

1. Write about how to solve the fitting problem
2. Make the pattern for the manique.

### Sample questions

#### PART: A

#### Choose the correct answer: (10×1=10 marks)

1. ----- is the method of enlarging and reducing a pattern proportionately to some other size.  
(a) Drafting (b) Draping (c) Grading (d) None of the above
2. Accuracy and cost is high in ----- grading.  
(a) Manual (b) Master (c) Compute (d) All
3. Difference between the actual body measurement and the garment measurement  
(a) set (b) line (c) ease (d) grain
4. If a fabric has no wrinkles it has -----  
(a) set (b) line (c) ease (d) grain
5. The system of drawing patterns on paper is  
(a) Drafting (b) Draping (c) Drawing (d) Flat pattern designing
6. Measurement from the neck joint to the arm joint along the middle of the shoulder is -----  
(a) shoulder (b) armscye (c) neck length (d) neck width
7. In pattern layout leave enough space between patterns for cutting  
(a) economically (b) outward notches (c) accurately (d) none
8. ----- layout is most suitable when narrow pieces have to be cut on fold.  
(a) open (b) lengthwise centre fold (c) off centre lengthwise fold (d) crosswise centre fold
9. Identify the fastest and most efficient method for developing patterns, wherein the basic block is modified to develop new and varied styles  
(a) pattern drafting (b) draping (c) dart manipulation (d) Flat pattern making
10. Which of the following save time and effort but is expensive?  
(a) personal pattern (b) flat patterns (c) commercial pattern (d) none of the above

#### Part - B

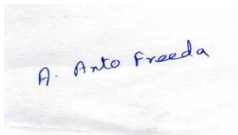
#### Answer any five all Questions (5 X 5 = 25 marks).

1. What do you mean by flat pattern making?
2. Write a note on commercial patterns.
3. Write about pattern layout for fabric with bold design.
4. Write about the importance of altering patterns.
5. Write short notes on the steps in drafting basic bodies front for women
6. Explain the importance of body measurements
7. What do you mean by flat pattern making?
8. How will you grade a basic back?

### Part – C

#### Answer any Five Questions (5 X 8 = 40 marks)

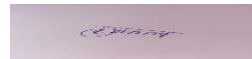
9. Explain the methods of pattern making
10. Explain about preparation of commercial pattern.
11. Explain in the following types of layout with a neat diagram:
  - (i) open layout
  - (ii) double fold
  - (iii) length wise fold
  - (iv) combination fold
12. Explain the principles for good fit.
13. Explain about fitting techniques in a garment.
14. Elaborate on computerized grading.
15. Discuss about different types of pattern grading.



A. Anto Freeda



HEAD OF THE DEPARTMENT  
DEPARTMENT OF COSTUME DESIGN &  
FASHION (S.F.)  
HOLY CROSS COLLEGE (AUTONOMOUS)  
NAGERCOIL - 623 004



Mrs. T. Menaka

**Course Instructor**  
**Mrs.A.Anto Freeda**

**Head of the Department**  
**Mrs.T.Menaka**

**SEMESTER III**  
**CORE LAB COURSE III: CONSTRUCTION OF WOMEN'S WEAR**  
**COURSE CODE: DU233CP1**

Hours/Week	Credits	Total hours	Marks
3	3	45	100

**Objectives**

1. To make designs and patterns for various styles of women's wear.
2. To estimate the fabric requirement for garment based on its style and suitable layout methods for the effective utilization of fabric
3. To apply various sewing techniques for achieving the finest garment finishing.

**Course Outcomes**

<b>Upon the successful completion of the course, students will be able to:</b>		<b>PSO Addressed</b>	<b>CO</b>
1	identify and understand selection of suitable fabric for garment construction.	<b>PSO -1</b>	<b>R/U</b>
2	apply the measurements to draft a basic block pattern for women's wear.	<b>PSO -2</b>	<b>Ap</b>
3	analyze the drafting procedure for different styles.	<b>PSO -3</b>	<b>An</b>
4	evaluate the fabric requirement and cost calculation based on the garment style.	<b>PSO -4</b>	<b>E</b>
5	create and construct different style variations from the basic block pattern.	<b>PSO -5</b>	<b>C</b>

**Teaching Plan with Modules**

**Total hours: 45 (Practical-Demonstration, Display, Test)**

Unit	Section	Topics	Hours	Cognitive Level	Pedagogy	Assessment/Evaluation
<b>I</b>	1	Introduction to Construction	1	K2 (U) & K3 (AP)	Lecture & Discussion	Assignment
		Guidelines to body measurements	1	K2 (U) & K3 (AP)	Demonstration	Display
	2	Drafting, Cutting and construction of six gore S.P	1	K1(R), K3 (AP)K6(C)	Demonstration	Presentation & Display
	3	Drafting procedure, Drafting, Cutting, Stitching and submitting of circular skirt with style variations	2	K2 & K3	Discussion & Demonstration	Observation (Display the product)
	4	Drafting procedure, Drafting, Cutting, Stitching and submitting of Panel skirt with style variations	1	K2 & K3	Discussion & Submission	Observation & Presentation
	5	Drafting procedure,	2	K2, K3 & K6	Demonstration	Observation, Presentation




		Drafting, Cutting, Stitching and submitting of circular skirt				
<b>II</b>	1	Salwar	2	K2 &K3	Experimental Learning	Submission & Display
	2	Chudithar	2	K2 &K3	Experiential Learning	Observation & Submission
	3	Parallels with variations	1	K2 &K3	Experimental Learning	Submission of Records Quiz – I (1&2)
	4	Kameez – Slit, Styles in neck & Sleeves	3	K2,K3 & K5	Experiential Learning	Revision I & Internal Test
<b>III</b>	1	Blouse – front open , neck style	2	K2 &K3	Experimental Learning	Submission & Display
	2	Blouse – front open, waist band in front with sleeves	3	K2 &K3	Experiential Learning	Demonstration & Submission
	3	Sleepwear Pyjamas suit	2	K2 &K3	Demonstration	Observation & Display
	4	Nighty- with or without sleeve, lace	2	K2,K3 & K6	Demonstration	Observation & Submission
<b>IV</b>	1	Ladies pant with waist band/ tight fitting	3	K2 &K3	Experimental Learning	Demonstration & Submission
	2	Parallel Pant with or without zip	2	K2 &K3	Experiential Learning	Class Test Quiz – 2 (3&4)
	3	Jump suit – with (or) without sleeve -With rope or clastic at waist -With zip	2	K2,K3 & K6	Demonstration & Discussion	Internal Test II Assignment/Submission
<b>V</b>	1	Kurthi -Style variations in color -With placket -With or without seam pockets	3	K2 &K3	Experimental Learning	Submission / Revision - II Quiz – II
	2	Gown -With or without yoke -Style variations in neck	3	K2 &K3	Demonstrate and Display	Observation/Assignment
	3	Gown -Aline Model/ Panel/ Circular/Decorated bottom and sleeve	2	K2 ,K3, K5 & K6	Demonstrate and Display	Submission of samples & records Revision

**Course Instructor  
Dr. Sr. Mary Gilda**



**Mrs. Jugal Iswarya**

**Head of the Department  
Mrs. T. Menaka**



HEAD OF THE DEPARTMENT  
DEPARTMENT OF COSTUME DESIGN &  
FASHION (S.F)  
OLY CROSS COLLEGE (AUTONOMOUS)  
NAGERCOIL - 623 004

**HOLY CROSS COLLEGE (AUTONOMOUS)**  
**NAGERCOIL**  
**DEPARTMENT OF COSTUME DESIGN and FASHION**  
**Teaching Plan**

**Department** : Costume Design and Fashion  
**Class** : II B.Sc Costume Design and Fashion  
**Title of the Course** : Elective Course III : Technology of wet processing  
**Semester** : III  
**Course Code** : DU233EC1

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
DU233EC1	3	-	-	-	3	4	25	75	100

**Objectives**

1. To know the concept of textile processing in cotton, silk, wool and synthetic materials.
2. To explain about the preparatory process

**Course Outcomes**

On the successful completion of the course, students will be able to:		
1	identify the principles and mechanisms of sequence of process in textile wet processing	<b>K1</b>
2	explain the various process in textile industry.	<b>K2</b>
3	apply the dyeing, printing and finishing techniques in textile industry.	<b>K3</b>
4	analyze the materials and equipment used in textile processing.	<b>K4</b>
5	evaluate and create the various textile wet processing involves in textile industry.	<b>K5&amp;K6</b>

**K1** - Remember; **K2** - Understand; **K3** – Apply; **K4** – Analyse; **K5** – Evaluate; **K6** – Create

**Teaching plan**  
**Total Contact hours: 60 (Including lectures, assignments and tests)**

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
<b>I</b>	<b>PREPARATORY PROCESS</b>					
	1.	Preparatory processes	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion, You Tube Video	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2.	Typical sequence of wet processing.	1	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion, You Tube Video	Simple definitions, MCQ, Recall steps, Concept definitions
	3.	Singeing – objects and types of Machines.	1	K2(U)	Lecture using PPT and talk, You Tube Videos	Simple definitions, MCQ, Recall steps, Concept definitions
	4	Desizing – objects, types.	1	K2(U)	Lecture using PPT and talk, You Tube Videos	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	5	Scouring - objects and processes carried out during scouring.	1	K2(U)	Lecture using PPT and talk, You Tube Videos	Simple definitions, MCQ, Recall steps, Concept definitions
	6	Wet processing equipment – Kier, J – Box, Stenter.	1	K2(U)	Lecture using PPT and talk, You Tube Videos and Experimental Learning	Simple definitions, MCQ, Recall steps, Concept definitions
	7	Bleaching – Definition and objectives, Bleaching methods using Hypo chlorites, hydrogen peroxide, Sodium chlorite.	1	K2(U)	Lecture using PPT and talk, You Tube Videos and Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	8	Mercerization-Theory process,	1	K2(U)	Lecture using PPT and talk,	Simple definitions,

		Methods – Chain and Chainless process				MCQ, Recall steps, Concept definitions
<b>II</b>	<b>DYEING METHODS</b>					
	1	Dyeing– Definition, Theory of dyeing, Properties required for dye stuff, classification of colorants.	1	K2(U)	Lecture using PPT and talk, Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2	Classification of colorants.	1	K2(U)	Lecture using PPT and talk, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	3	Dyeing procedure using various dye stuffs – Direct dyes, Reactive dyes,	2	K2(U)	Lecture using PPT and talk, Experimental Learning	Longer essay/ Evaluation essay
	4	Acid dyes, basic dyes	2	K2(U)	Lecture using PPT and talk, Experimental Learning	Longer essay/ Evaluation essay
	5	Azo dyes, Vat dyes,	2	K2(U)	Lecture using PPT and talk, Experimental Learning	Check knowledge in specific or off beat situations, Illustrate the different concept
	6	Sulphur dyes, Disperse dyes.	2	K2(U)	Lecture using PPT and talk, Experimental Learning	Evaluation through short test, Seminar
	7	Yarn dyeing, Package dyeing,	1	K2(U)	Lecture using PPT and talk, Group Discussion	Check knowledge in specific or off beat situations, Illustrate the different concept
	8	Fabric dyeing and Garment dyeing	1	K2(U)	Lecture using PPT and talk, Group Discussion	Check knowledge in specific or offbeat situations, Illustrate the different concept
<b>III</b>	<b>PRINTING AND ITS METHODS</b>					
	1	Printing – definition differentiate dyeing		K2(U)	Lecture using PPT and talk,	Evaluation through short

		and printing.	1		Experimental Learning Introductory session, Group Discussion	test, MCQ, True/False, Short essays, Concept explanations,
	2	Essential ingredients used in printing paste.	1	K2(U)	Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	3	Basic styles of printing – direct, Discharge, Resist style.	2	K2(U)	Lecture using PPT and talk	Simple definitions, MCQ, Recall steps, Concept definitions
	4	Printing of Cellulose Fabric,	2	K2(U)	Lecture using PPT & Experimental Learning	Simple definitions, MCQ, Recall steps, Concept definitions
	5	Printing of Polyester and Nylon.	2	K2(U)	Lecture using PPT & Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	6	Printing methods – Stencil, Batik, Block, tie and Dye.	2	K2(U)	Lecture using PPT & Experimental Learning	Simple definitions, MCQ, Recall steps, Concept definitions
	7	Printing techniques in Industries – Screen, Hand screen	2	K2(U)	Lecture using PPT & Experimental Learning	Simple definitions, MCQ, Recall steps, Concept definitions
	8	Flat Screen, Rotary Screen, Transfer Printing.	2	K2(U)	Lecture using PPT & Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>IV</b>	<b>AESTHETIC OF FINISHING</b>					
	1	Introduction to finishing – Definition, Importance,	2	K2(U)	Lecture using PPT & Experimental Learning	Longer essay/ Evaluation of essay
	2	Classification. Mechanical Finishing	2	K2(U)	Lecture using PPT and talk, Introductory	Longer essay/ Evaluation of essay

					session, Group Discussion	
	3	Sanforising calendaring –	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	Brushing – Decating	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	5	Milling. Chemical finishing –	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	6	wash and wear finishing, durable finish,	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	7	Stiff Finish, Denim Finish,	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	8	Application of silicones in finishing processes	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>V</b>	<b>FUNCTIONAL FINISHING</b>					
	1	Functional finishes –	2	K2(U)	Lecture using Chalk and talk, Introductory session, Group Discussion, Power point presentation	Longer essay/ Evaluate longer essay
	2	Water proof finishes,	2	K2(U)	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluate longer essay
	3	Water repellent finish,.	2	K2(U)	Lecture using Chalk and talk, Introductory	Longer essay/ Evaluate onger essay

					session, Group Discussion	
	4	Flame retardant finish,	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	5	Soil release finish,	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	6	Antimicrobial finish.	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	7	Nano Technology in Textile finishing	2	K2(U)	Lecture using PPT and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,

### Employability

7. Fashion Designer
8. Industrial Engineer
9. Fashion Merchandiser
10. Fashion Journalist
11. Quality In charge
12. Quality Supervisor
13. Quality Control Supervisor

### Entrepreneurship

1. Production Process
2. Laying Marking and cutting
3. Garment components and its stylings

### Activities (Em/ En/SD):

1. Different types of natural dyes applied in Fabric
2. Different types of Printing applied in Fabric
3. Experiential Learning- Industrial Visit

### Assignment

1. Seminar-Different Types of Natural Dyes
2. Collect various printing techniques available in market

### Sample questions

#### PART: A

#### Choose the correct answer

1. \_\_\_\_\_ remove the short fibers from the textile materials.  
a Sizing C Scouring b Singeing D Bleaching



- 2 The process by which the natural color of a fiber can be removed and make the textile material pure white and bright is called \_\_\_\_\_.  
a Scouring d Singeing c. De-sizing d. Bleaching
- 3 Acid dyes are mainly applied on \_\_\_\_\_ fabric.  
a Wool b Cotton c Hemp d Jute
- 4 \_\_\_\_\_ dye is commonly used for natural material.  
a Acid b. Vat c. Direct d Azoic
- 5 \_\_\_\_\_ the yarn are dyed first before the fabric manufacturing stage.  
a Loose dyeing b Yarn dyeing c Fabric dyeing d. Garment dyeing
- 6 \_\_\_\_\_ dyeing refers to the process of coloring ready-to-wear cloths.  
a Loose dyeing b Yarn dyeing c Fabric dyeing d Garment dyeing
- 7 \_\_\_\_\_ is a pre-treatment for printing of cotton.  
a Sanforizing b. Scouring b Fixing D Calendaring
- 8 Squeegee is used in \_\_\_\_\_ printing.  
a Screen b Stencil c Roller d Block
- 9 \_\_\_\_\_ is a hand textile printing.  
a Stencil b. Tie and dye c. Batik d. All the above
- 10 \_\_\_\_\_ dye is commonly used for  
a. Tie and dye and batik b. Reactive c. Vat d. Acid Azoic

**Part B Answer All questions**

- 11 Write in detail about the objectives and the types of singeing process.
12. Describe the scouring process with neat diagram.
13. Write short note on classification of colorant and its properties.
14. Explain about the direct dye and its procedure.
15. Describe the loose cotton fibre dyeing with neat diagram.
16. Write short notes on yarn dyeing with neat diagram.
17. Discuss in details about the the essential ingredients used in printing paste.
18. Different between dyeing and printing.
19. Explain the methods of hand printing techniques.
20. Describe in detail about the transfer printing.

**Part C Answer All questions)**

1. Elaborately explain the methods of bleaching process with neat diagram.
2. Explain the types of mercerization with neat diagram.
3. Discuss about theory of dyeing.
4. Elaborately explain the procedure for vat and acid dyes.
5. Elaborately explain the fabric dyeing and garment dyeing process.
6. Explain the package dyeing process with neat diagram.
7. Elaborately explain the printing of cellulosic fabric.
8. Brief study on the printing of silk and wool fabric
9. Explain the different types of tie and dye techniques.
10. Explain in details about hand screen printing.

HEAD OF THE DEPARTMENT  
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NAGARCOIL - 623 004

*[Signature]*

*[Signature]*

**Course Instructor**

**Head of the Department**

**HOLY CROSS COLLEGE (AUTONOMOUS)**  
**NAGERCOIL**  
**DEPARTMENT OF COSTUME DESIGN AND FASHION**  
**Teaching Plan**

**Department** : Costume Design and Fashion  
**Class** : II B.Sc Costume Design and Fashion  
**Title of the Course** : Elective Lab Course III: Textile Wet Processing Laboratory  
**Semester** : III  
**Course Code** : DU243EP1

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
DU233EP1	2	-	-	-	2	2	30	25	100

**Objectives**

1. To know the concept and do the Pretreatments in textile processing
2. To Know and apply the different types of dyeing process based on the suitability of fabric

**Course Outcomes**

On the successful completion of the course, students will be able to:		
1	identify the preparatory process of the textile material	<b>K1</b>
2	demonstrate various kinds of dyeing techniques	<b>K2</b>
3	apply skills in different methods of printing and their techniques	<b>K3</b>
4	analyze and evaluate the dyes used for suitable fabrics	<b>K4</b>
5	evaluate and create different samples by using different styles of printing.	<b>K5 &amp; K6</b>
<b>K1 - Remember; K2 - Understand; K3 – Apply; K4 - Analyse; K5 - Evaluate; K6 - Create</b>		

**Teaching plan**  
**Total Contact hours: 60 (Including lectures, assignments and tests)**

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
<b>I</b>	<b>PREPARATION OF SAMPLES FOR PROCESSING</b>					
	1.	Color Fastness to Washing	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	2.	Color Fastness to Laundrometer	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	3.	Color Fastness to Light	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
<b>II</b>	<b>PREPARATION OF SAMPLES FOR PROCESSING</b>					
	1	1. Desizing	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	2	Scouring	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	3	Peroxide Bleaching	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	4	Hypochlorite Bleaching	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	5	Mercerizing		K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
<b>III</b>	<b>PREPARATION OF SAMPLES USING SUITABLE DYES</b>					
	1	Direct Dye (Any two Natural Dyes)	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	2	Hot Brand Reactive Dyes	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	3	Cold Brand Reactive Dyes	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically

<b>IV PREPARATION OF SAMPLES USING SUITABLE DYES</b>						
	1	1. Acid Dyes .	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	2	Basic Dyes	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	3	Sulphur Dyes	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	4	Vat Dyes	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
<b>V Print the given fabric by following printing techniques</b>						
	1	Batik	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	2	Block and Stencil	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	3	Tie and Dye	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically
	4	Hand Screen Printing	2	K3-Apply	Introductory session, Experimental Learning	Evaluation through Practically

#### **Employability**

2. Fashion Designer
3. Industrial Engineer
4. Fashion Merchandiser
5. Fashion Journalist
6. Quality In charge
7. Quality Supervisor
8. Fabric Coordinator

#### **Entrepreneurship**

1. Print the fabric using batik
2. Print the fabric block and stencil
3. Print the fabric using Tie and Dye
4. Print the fabric using Hand Screen Printing

#### **Activities (Em/ En/SD):**

1. Print the fabric using batik
2. Print the fabric block and stencil
3. Print the fabric using Tie and Dye
4. Print the fabric using Hand Screen Printing

#### **Sample Questions**

I a. De-sized the given grey fabric using suitable chemicals.

- b. Prepare a stencil card & Design a fabric using stencil printing.
- II a. Scoured the given fabric & calculate the efficiency of scouring.
- b. Prepare a Tie & Dye sample using straight-line effect.
- III a. Bleach the given fabric using hydrogen peroxide.
- b. Prepare any design using vegetables.
- IV a. Dye the given fabric sample using direct dyes in 8%.
- b. Prepare the given fabric sample using any block printing .
- V a. Dye the given fabric sample using Cold Reactive dyes 8%.
- b. Prepare a Tie & Dye sample using coins effect.
- VI a. Dye the given fabric sample using Hot Reactive dyes 8%.
- b. Prepare a Batik sample using any one technique
- VI a. Prepare the given sample using colour fastness to washing
- b. Prepare a Tie & Dye sample using coins effect.
- VII a. Prepare the given sample using colour fastness to Laundrometer
- b. Prepare a stencil card & Design a fabric using stencil printing
- VII a. Prepare the given sample using colour fastness to Light
- b. Prepare a Tie & Dye sample using straight-line effect.

HEAD OF THE DEPARTMENT  
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*[Signature]*

*[Signature]*

**Course Instructor**

**Head of the Department**

**HOLY CROSS COLLEGE (AUTONOMOUS)  
NAGERCOIL  
DEPARTMENT OF COSTUME DESIGN and  
FASHION**

**Department** : Costume Design and Fashion  
**Class** : II B.Sc Costume Design and Fashion  
**Title of the Course** : SKILL ENHANCEMENT COURSE IV: INDIAN TEXTILES  
AND COSTUMES  
**Semester** : III  
**Course Code** : DU233SE1

Course Code	L	T	P	S	Credits	Inst. Hours	Total Hours	Marks		
								CIA	External	Total
DU233SE1	-	-	2	-	2	2	30	25	75	100

**Objectives**

1. To know about the traditional woven textiles in India
2. To know about the costumes of India

CO	Upon completion of this course, the students will be able to	PSO addressed	Cognitive level
CO - 1	learn about different kinds of woven textile material	PSO – 1	<b>K1</b>
CO - 2	understand the usage of ancient techniques	PSO – 2	<b>K2</b>
CO - 3	compare and apply contrast the various costumes of India	PSO – 3	<b>K3</b>
CO - 4	Identify and evaluate different states of embroideries of India	PSO – 3	<b>K4&amp;K5</b>
CO – 5	create the traditional saree in India	PSO – 3	<b>K6</b>

## Teaching plan

**Total Contact hours: 60 (Including lectures, assignments and tests)**

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
<b>I</b>	<b>ORIGIN AND GROWTH OF COSTUME</b>					
	1.	Beginning and growth of costume - Painting, Cutting and Tattooing. Traditional Accessories and Ornaments used in India.	6	K3-Apply	Lecture using Chalk and talk, Introductory session, Group Discussion, YouTube Video, Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>II</b>	<b>WOVEN, DYED AND PRINTED TEXTILES OF INDIA</b>					
	1	Study of woven, dyed and printed textiles of India - Bhandhani, Patola, Kalamkari, Dacca Muslin, Banarasi, Chanderi brocades, Baluchar, Himrus and Amrus, Kashmir shawl, Pochampalli, Silk sarees of Kancheepuram	6	K1-Remember	Lecture using Chalk and talk, Introductory session, Group Discussion, YouTube Video, Experimental Learning	Check knowledge in specific or off best situations, illustrate the different concept

<b>III</b>	<b>TRADITIONAL COSTUME OF DIFFERENT STATES IN INDIA</b>					
	1	Traditional costume of different states in India - Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Maharashtra, Rajasthan, Haryana, Uttar Pradesh, Jammu and Kashmir, Gujarat.	6	K3- Apply	Lecture using Chalk and talk, Introductory session, Group Discussion, You Tube Video,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations
<b>IV</b>	<b>INDIAN JEWELLERY</b>					
	1	Indian Jewellery – jewelleries used in the period of Indus valley civilization, Mauryan period, Gupta Period, the Pallava and Chola Period, Symbolic Jewellery of South India, Mughal period. Temple Jewellery of South India, Tribal jewellery	6	K2- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion, You Tube Video, Experimental Learning	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations
<b>V</b>	<b>TRADITIONAL EMBROIDERIES OF INDIA</b>					
	1	Traditional embroideries of India – Origin, Embroidery stitches used, embroidery of Kashmir, Phulkari of Punjab, Gujarat – Kutch and Kathiawar, embroidery of	6	K3- Apply	Lecture using Chalk and talk, Introductory session, Group Discussion, You Tube Video, Experimental	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations



		Rajasthan, Kasuti of Karnataka, Chicken work of Lucknow, Kantha of Bengal - types and colours of fabric /thread.			Learning	
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### Employability

1. Fashion Designer
2. Freelance costume designer
3. Fashion Journalist

### Entrepreneurship

1. Fashion Designer
2. Garment components and its stylings

### Activities (Em/ En/SD):

1. Collected traditional fabrics in India
2. Collected traditional jewellery in India
3. Collected traditional embroidery in India

### Assignment

1. Write about the type of embroidery in India.
2. Write about the origin and growth in costume.

### Sample questions

#### PART: A

Choose the correct answer: (10×1=10 marks)

1. A method of making the skin with light incision and adding colouring materials is called

\_\_\_\_\_

(a) Tattooing (b) Painting (c) **Printing** (d) Cutting

2. The basic reason for wearing a cloth is \_\_\_\_\_

(a) Modesty (b) Protection (c) Style (d) Fashion

3. A motif inspired from cosmic space is \_\_\_\_\_

(a) Lotus (b) Conch shell (c) Wedding scenes (d) Parrot

4. Mango motif is also called as \_\_\_\_\_

(a) Shank (b) Machi (c) Paisely (d) Champa

5. In vedic period the term \_\_\_\_\_ denotes that the clothes were well fitted.

(a) Surabhi (b) Loongi (c) Turban (d) Vasana

6. In the \_\_\_\_\_ period there was a lot of use of lotus motif.

(a) Mauryan (b) Sunga (c) Satvahana (d) Kushan

7. \_\_\_\_\_ is a hand-loom woven technique used to make Dacca muslin fabrics.

(a) **Jamdani** (b) Jaquard (c) Tangail (d) Sringar

8. Bhandhani is also called as \_\_\_\_\_

(a) Ikkat (b) Choonaris (c) Paithani (d) Patola

9. Kalamkari is done with \_\_\_\_\_

(a) Cone (b) Brush (c) Stencil (d) Pen

**10. Beautiful ornament that is adorn on the forehead called \_\_\_\_ worn by women in Bihar.**

(a) Chicon (b) Puan (c) Garchola (d) Tikli

**Part - B**

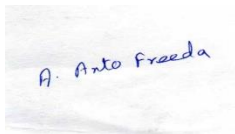
**Answer any five all Questions (5 X 5 = 25 marks).**

1. List out any four traditional fabric embellishment techniques of western region
2. Explain about kalamkari.
3. Which are the jewellery used by women of Gupta period?
4. Illustrate –Any two Head dresses of Rajasthan & Haryana ?
5. What are Ikats fabric
6. Give short notes on Chickan works
7. Write notes on bead works of western region.
8. Briefly explain about Dacca saris.

**Part – C**

**Answer any Five Questions (5 X 8 = 40 marks)**


1. Give an account of the costumes of Satavahana period.
2. Discuss about the various tie & Die methods.
3. Write short notes on Brocades.
4. Which are the main costumes of Eastern region-Discuss.
5. Write notes on various traditional embroidery techniques of India.
6. Discuss about the costumes of Gupta period.
7. Explain about the techniques of traditional textile decoration.
8. Explain about Chicken work of Lucknow, Kantha of Bengal.



A. Anto Freeda



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