

**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 I: Fiber to Fabric  
**Semester** : I  
**Course Code** : DU231GE1

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

**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
3. Know the trends and technologies followed in the textile industry.

**Course outcomes**

<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	Classify fibers and understand the manufacturing and properties of natural fibers	PSO - 1	<b>K1 (R)&amp; K2(U)</b>
CO – 2	Discover the manufacturing process of manmade fiber	PSO - 2	<b>K2 (U) &amp; K4 (AN)</b>
CO – 3	Understand the yarn types and its manufacturing process	PSO - 3	<b>K1 (R)&amp; K2 (U)</b>
CO – 4	Describe the weaving methods and its characteristic features	PSO - 3	<b>K4(AN) &amp; K5 E</b>
CO – 5	Gain an understanding of knitting and non wovens	PSO - 3	<b>K1R &amp; K2(U)</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>FIBER CLASSIFICATION NATURAL FIBERS</b>					
	1	Introduction to Textiles Fibers	1	K2(Understand )	Lecture using Chalk and talk ,Introductory session, Group Discussion,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2.	Classification of fibers–primary and secondary characteristics of TextileFibres	2	K2(Understand )	Lecture using Chalk and talk, Introductory session, Group Discussion,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	3.	Manufacturing process, properties and uses of natural fibers–cotton	2	K3(AP)	Lecture using Chalk and talk, Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	4	Manufacturing process, properties and uses of natural fibers, linen,	2	K3(AP)	Lecture using Chalk and talk, Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	5.	Manufacturing process, properties and uses of natural fibers silk,	1	K3(AP)	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	6.	Manufacturing process, properties and uses of natural fibers wool.	1	K3(AP)	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or offbeat situations, Illustrate the different concept
	7.	Brief study about Organic Cotton,	2	K2(U)	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar

	8	Brief study about Woollen and Worsted Yarn	2	K1 (R)	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
	9	Types of silk.	2	K2(Understand )	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
II	<b>REGENERATED AND SYNTHETIC FIBRES</b>					
	1	Manufacturing process, properties, and uses of man-made fibers–Viscose rayon,	3	K3 – Apply	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in or specific offbeat situations, Illustrate the different concept
	2	Manufacturing process, properties, and uses of man-made fibers–Nylon	2	K3 – Apply	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in or specific offbeat situations, Illustrate the different concept
	3	Manufacturing process, properties, and uses of man-made fibers–Polester	2	K3 – Apply	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	Manufacturing process, properties, and uses of man-made fibers–Acrylic	2	K3 – Apply	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	5	Brief study on polymerization	2	K2(Understand )	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in or specific offbeat situations, Illustrate the different concept
	6	Brief study on Microfibers & its properties.	2	K2 - Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar

	7	Brief study on. Texturization: Objectives, Types of textured yarns & Methods of Texturization	2	K2-Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
<b>III</b>	<b>YARN MANUFACTURING</b>					
	1	Spinning–Definition and classification; Chemical and mechanical spinning;	2	K2-Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2	Cotton Yarn Production sequence and objectives-opening, cleaning, doubling, carding, combing, drawing, roving, spinning.	3	K2-Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	3	Comparison of carded and combed yarnYarn-	2	K4-Analyse	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	4	Definition and classification-simple and fancy yarns. Manufacturing	2	K2-Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or offbeat situations, Illustrate the different concept
	5	Process of sewing threads– cotton and synthetic.	2	K3-Apply	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
	6	Yarn numbering systems-	2	K2-Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,

	7	Significance of yarn twist	2	K2-Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
<b>IV</b>	<b>WEAVING MECHANISM</b>					
	1	Classification of fabric forming methods –	3	K2-Understand	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Weaving preparatory processes and its objectives – Warping, Sizing and Drawing– in. Weaving mechanism- Primary, secondary & auxiliary motions of a loom.	3	K2-Understand	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	3	Parts and functions of a simple loom;	3	K2-Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	Classification of looms	3	K1-Remember	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	5	Salient features of automatic looms; Shuttle looms, its advantages-Types of shuttle less looms– Rapier –Projectile–Air jet–Waterjet.	3	K1 Remember	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
<b>V</b>	<b>KNITTING AND NONWOVEN FABRICS</b>					
	1	Knitting- Definition, classification.	9	K1-Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Principles of weft and warp knitting	1	K1-Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay

	3	Terms of weft knitting.	1	K1-Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	Knitting machine elements.	1	K1-Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	5	Classification of knitting machines.	1	K1-Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	6	Characteristics of basicweft knit structures.	1	K2-Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	7	Introduction to Nonwoven - Application end uses	1	K2-Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	8	Choosing the best dress for the figure types.	1	K6-Create	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	K5-Evaluate	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 Fibres

## 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

### 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) 0.1% (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 looms

9. Explain in detail about the elements of weaving machine.
11. Write in detail about the characteristics of basic weft knit structure.



**Course Instructor**  
**Mrs. T. MENAKA**



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

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**DEPARTMENT OF COSTUME DESIGN& FASHION**  
**Teaching Plan**

**Department** : Costume Design & Fashion  
**Class** : I B.Sc Costume Design & Fashion  
**Title of the Course** : Generic Elective:1 Care and maintenance in textiles  
**Semester** : I  
**Course Code** : DU231EC1

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
DU231EC1	4	-	-	5	4	75	25	75	100

**Objectives**

1. Gain a better understanding method in taking proper care of the clothing.
2. Impart knowledge on machines and equipment's used in the washing, storing and ironing process.
3. Impart knowledge on the types of the wash care labels and their meaning

**Course outcomes**

On the successful completion of the course, student will be able to:		
1.	Identify suitable methods of washing, drying, ironing and storing.	K1 & K2
2.	Understand the wash care labels and act accordingly.	K2
3.	Appraise the types of equipment used in the care of fabrics.	K1
4.	Recognize the need for dry-cleaning for fabrics.	K2
5.	Evaluate the methods and equipment's to be used for a better life of clothes	K3

### Teaching plan

Unit	Module	Topic	Teaching Hours	Cognitive level	Pedagogy	Assessment/ Evaluation
<b>I</b>	<b>WATER and LAUNDRY SOAPS</b>					
	1.	. Water-hard and soft water, methods of softening water.	7	K2(U)	Lecture using Chalk and talk, Introductory session, Group Discussion,	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2.	Laundry soaps - composition of soap types of soap, soap less detergents.	5	K3(A)	Lecture using Chalk and talk, Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	3.	detergent manufacture, advantages of detergents, Manufacturing process of soap and detergents.	5	K2(U)	Lecture using Chalk and talk, Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
<b>II</b>	<b>FINISHING and STAIN REMOVAL</b>					
	1	Finishing – stiffening Agents-Starch(Cold water and hot water) Other stiffening Agents.	3	<b>K1 – Remember</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or off beat situations, Illustrate the different concept
	2	Preparation of starch,Laundry blues, their application .	2	<b>K1 - Remember</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or offbeat situations, Illustrate the different concept
	3	Stain removal common method of removing stains .	2	<b>K1 – Remember</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay

	4	Food stain stains, lead pencil, lipstick, mildew nose drops.	2	<b>K3 – Apply</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	5	Paint,perfume, perspiration.	2	<b>K3 – Apply</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or off beat situations, Illustrate the different concept
	6	Mildew,tar, turmeric and kumkum	2	<b>K3 – Apply</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
<b>III WASHING, DRYING AND IRONING</b>						
	1	Machine-types semi-automatic.	2	<b>K1- Understand</b>	Lecture using Chalk and talk ,Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2	Top loading and front loading.	2	<b>K6- Create</b>	Lecture using Chalk and talk ,Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	3	Wash cycles in a washing machine Drying equipment's.	2	<b>K1- Understand</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or offbeat situations, Illustrate the different concept
	4	Indoor & outdoor drying iron box.	4	<b>K1- Understand</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
	5	Parts of functions of an electric iron box. Types automatic iron and steam iron.	3	<b>K6- Create</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays,

						Concept explanations,
	6	Ironing board different types.	2	K4- Analyse	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>IV</b>	<b>LAUNDERING OF DIFFERENT AND CARE LABELS</b>					
	1	Laundrying of different fabrics.Cotton and Linen, woollens.	3	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Coloured fabric,Silks, rayon and nylon.	2	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	3	Special types of Laundry- Waterproof coats, silk, ties,leather goods, furs, plastics, lace.	10	K6- Create	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
<b>V</b>	<b>STORING, DRY CLEANING AND CARE LABELS</b>					
	1	Storing- Methods clothes, best way to store clothes dry cleaning.	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Benefits, differences between dry cleaning and laundry.	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	3	Steps in dry cleaning, Care labels importance and types.	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	Care labels importance and types.	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	5	The international care labelling system.	1	K1- Understand	Lecture using Chalk and talk, Introductory	Longer essay/ Evaluation essay

					session, Group Discussion	
	6	The Japanese care labelling system	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	7	The American care labelling system.	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay

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

### **Employability**

1. Quality controller.
2. Dry cleaning shop
3. Soap and detergent produce shop

### **Entrepreneurship**

1. Types of soap and Detergent
  2. Stiffening agent preparation
  3. Stain removal common method
- Activities (Em/ En/SD):
1. Preparing soap
  2. Preparation of starch
  3. Iron the shrinkage fabric Assignment : (Mention Topic and Type)
1. Advantages of detergent
  2. Manufacturing process of soap and detergent

**Sample questions (minimum one question from each unit)**

### **Part A**

**(10 x 1 = 10 marks)**

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

1. Which of the following is an indispensable prime agent in laundry (CO-1 R)
  - a. Water b. Salt c. Natural Oils d. Sunlight
2. Garments may be laundered without harming by reading the warning given by
  - a. .... (CO-2 U)
  - a. Price tag b. Brand label c. Care label d. Logo label
3. The reeta-nut is a fruit of ..... (CO-2 U)
  - a. Sapindus mukorossi b. Trifoliatu s c. Saponacia d. Concina
4. In the manufacturing of detergents..... is the most commonly used surfactant in India.(CO-3 AP)

- a. Sulphonated alkyl benzene b. Sulphated fatty alcohols c. Sodium hydroxide d. Sodium perborate
5. "Rani Pal" a fluorescent white compound used on white fabrics belongs to ..... (CO-3 AP)
- a. Oxidizing bleach b. Reducing beach c. Optical brightener"s d. Gelatin group
6. Which one of the following is not a stiffener? (CO-5 E)
- a. Hydrogen peroxide b. Gum traganth c. Gelatin d. Glue
7. Laundry equipment covers items used for, (CO-4 AN)
- a. Washing, drying and pressing b. Washing, bleaching and stain removal c. washing, dry cleaning and printing d. None of the above
8. Dry-cleaning process normally used for (CO-3 AP)
- a. Silk sarees b. Cotton sarees c. Polyester sarees d. Viscose sarees
9. Doctors and laboratory technicians coats, nurse and ward boys uniform are washed. (CO-5 E)
- a. Once in two days b. Every day c. Once in a week d. Once in fort night
10. Which one of the following is used as a moth repellent? (CO-5 E)
- a. Carbon tetra chloride b. Para dichloride benzene c. Boric acid d. Sodium carbonate

**Part: B Answer all questions (5×6=30marks)**

11. a. Explain the types of water? (CO-2 U)
- Or
- b. Discuss the qualities of soft water? (CO-2 U)
12. a. Discuss Shikkakai as cleansing agent. (CO-3 AP)
- Or
- b. List out commonly available types of laundry soap. (CO-3 AP)
13. a. Discuss about natural starch. (CO-3 AP)
- Or
- b. Comment on the different types of stiffening agents? (CO-3 AP)
14. a. What are the types of washing machine available in the market? (CO-4 AN)
- Or
- b. How to prepare the iron board for ironing? Explain. (CO-4 AN)
15. a. Discuss the storing methods of fabrics. (CO-4 AN)
- Or
- b. How do you launder for cotton fabrics? (CO-4 AN)

**Part: C Answer all questions (5×8=40Marks)**

16. a. Enumerate on the sources of water. (CO-2 U)
- Or
- b. Explain the zeolite process of water softening. (CO-2 U)
17. a. Comment on manufacturing process of soap with neat sketch. (CO-3 AP)
- Or
- b. Describe about the soaps used in large scale washing industries. (CO-3 AP)
18. a. Discuss in detail the different types of bleaching agents used for cotton. (CO-2 U)
- Or
- b. Discuss about commercial starch and their application in detail. (CO-2 U)
19. a. Explain drying equipment's used in large scale industries. (CO-3 AP)
- Or,
- b. Explain the principles of laundering in detail. (CO-3 AP)
20. a. How will you launder rayon fabric – Discuss? (CO-6 C)

Or

b. Write about disinfection of cloths. (CO-6 C)

*[Signature]*

Answer

HEAD OF THE DEPARTMENT  
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KUALA LUMPUR  
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**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** : DU231SE1

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

**Objectives**

- To learn about the different designs used in fashion.
- To study about different types and principles of designs
- To gain knowledge on various accessorized used in fashion

**Course outcomes**

CO	Upon completion of this course, the students will be able to:	PSO addressed	Cognitive level
CO - 1	Explain the terms of fashion used in fashion industry.	PSO - 1	K2(U)
CO - 2	Develop dress designs on principles of design	PSO - 2	K3(A)
CO - 3	Apply the Elements of design used in various dresses	PSO - 3	K5(E )
CO - 4	Design various types of dresses using colours.	PSO - 3	K5(E )
CO – 5	Illustrate different types of fashion accessories	PSO - 3	K1(R)



**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-Understand	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	K1-Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	3.	Mannequin, Boutique, Collection,	1	K3-Apply	Lecture using Chalk and talk ,Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	4.	Fashion shows	1	K1-Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	5.	Apparel Catalogue,	1	K5-Evaluate	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	6.	Fashion Cycle	1	K6-Create	Lecture using Chalk and talk ,Introductory session, Group Discussion	Check knowledge in or specific offbeat situations, Illustrate the different concept
<b>II</b>	<b>ELEMENTS OF DESIGN</b>					
	1	Design – definition and types.	1	K1 - Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Check knowledge in or specific offbeat situations, Illustrate the

						different concept
	2	Elements of design – Line, Shape, Size, texture,	2	K1 - Remember	Lecture using Chalk and talk ,Introductory session, Group Discussion	Check knowledge in specific or offbeat situations, Illustrate the different concept
	3	Colour. Creating	2	K3 – Apply	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	Variety in dress through elements of design	1	K3 – Apply	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,	3	K3 – Apply	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	3	K6- Create	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-Understand	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Prang colour chart..	2	K2-Understand	Lecture using Chalk and talk ,Introductory session, Group Discussion	Longer essay/ Evaluation essay
	3	Colour harmony – Monochromatic, Analogous,	3	K2-Understand	Lecture using Chalk and talk, Introductory	Longer essay/ Evaluation essay

		Complementary, colour harmony			session, Group Discussion	
<b>V</b>	<b>FASHION ACCESSORIES</b>					
	1	Fashion accessories – Shoes, Handbags, Hats, Ties	3	K3-Apply	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Different types and shapes	3	K6-Create	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.



**Mrs. T. MENAKA**  
**Course Instructor**



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

**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 I: Fashion Designing  
**Semester** : I  
**Course Code** : DU231CC2

Course Code	L	T	P	Credits	Inst. Hours	Total Hours	Marks		
							CIA	External	Total
<b>FU231CC1</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>75</b>	<b>25</b>	<b>75</b>	<b>100</b>

**Objectives**

1. To understand the elements and principles of design and apply it with garment design.
2. To study the wardrobe planning and figure irregularities and design garment according to the specific need.

**Course outcomes**

CO	Upon completion of this course, the students will be able to:	PSO addressed	Cognitive level
CO - 1	learn elements and principles of design and its application in garment design.	PSO - 1	K2(U)
CO - 2	understand the type of trims and decorated accessories used in garment embellishment	PSO - 2	K3(A)
CO - 3		PSO - 3	K5(E )
CO - 4	Exploring the knowledge on figure types. K4 & K5 5. Students will be able to know about the national and international	PSO - 3	K5(E )
CO – 5	Students will be able to know about the national and international	PSO - 3	K1(R)

**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>DESIGN ELEMENTS AND PRINCIPLES</b>					
	1.	Design- definition and types – structural and decorative design, requirements of a good structural and decorative design in dress.	7	K2- Understand	Lecture using Chalk and talk, 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, colour and texture	5	K3-Apply	Lecture using Chalk and talk, Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
	3.	Principles of design and its application in dress – balance, rhythm, emphasis, harmony and Proportion	5	K2- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Simple definitions, MCQ, Recall steps, Concept definitions
<b>II</b>	<b>STANDARD COLOUR HARMONIES</b>					
	1	Colour theories	3	K1 – Remember	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or off beat situations, Illustrate the different concept
	2	Prang colour chart	2	K1 - Remember	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or offbeat situations, Illustrate the different concept
	3	Dimensions of colour hue, value, and intensity.	2	K1 – Remember	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	4	Standard colour harmonies Related, Contrasting and	2	K3 – Apply	Lecture using Chalk and talk, Introductory	Longer essay/ Evaluation essay

		Neutral colour harmony;			session, Group Discussion	
	5	Application of Colouring principles of design	2	<b>K3 – Apply</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or off beat situations, Illustrate the different concept
	6	application of the same in dress design. Fashion evolution - Fashion cycles, Length of cycles, consumer groups in fash	2	<b>K3 – Apply</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
<b>III</b>	<b>FASHION EVOLUTION AND FASHION FORECASTING</b>					
	1	Fashion evolution	2	<b>K1- Understand</b>	Lecture using Chalk and talk ,Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	2	Fashion cycles	2	<b>K6- Create</b>	Lecture using Chalk and talk ,Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
	3	, Length of cycles,	2	<b>K1- Understand</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Check knowledge in specific or offbeat situations, Illustrate the different concept
	4	consumer groups in fashion cycles–fashion leaders, fashion innovators, fashion motivation, fashion victim, Fashion followers	4	<b>K1- Understand</b>	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
	5	Adoption of Fashion theories–Trickle down, trickle up and trickle across.	3	<b>K6- Create</b>	Lecture using Chalk and talk, Introductory	Evaluation through short test, MCQ, True/False,

					session, Group Discussion	Short essays, Concept explanations,
	6	Fashion forecasting– Need for forecasting	2	K4- Analyse	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, MCQ, True/False, Short essays, Concept explanations,
<b>IV</b>	<b>DESIGNING DRESSES FOR UNUSUAL FIGURES</b>					
	1	Deigning dresses for unusual figures	3	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	Becoming and Unbecoming	2	K1- Understand	Lecture using Chalk and talk, 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	10	K6- Create	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
<b>V</b>	<b>FASHION TERMINOLOGIES AND FASHION PROFILES</b>					
	1	Definition and meaning of the fashion	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	2	fashion, style, line and collection	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	3	Mannequin and dress forms;	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay



	4	Fashion show	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	5	High fashion	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	6	Haute couture,	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	7	Couture and couturier;	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	8	Knock-off;	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	9	Avant Garde	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Evaluation through short test, Seminar
	10	Pret-a-porter	1	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay
	11	Role /qualities of a Fashion Designer, Fashion Stylist, Fashion Journalist, Fashion Merchandiser, Fashion Director.	5	K1- Understand	Lecture using Chalk and talk, Introductory session, Group Discussion	Longer essay/ Evaluation essay

#### Employability

4. Fashion Designer
5. Industrial Engineer
6. Fashion Merchandiser
7. Fashion Journalist

## Entrepreneurship

4. Elements of Design
5. Principles of Design
6. Colour Theory

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

4. Elements of Design
5. Principles of Design
6. Colour Theory

### Assignment : (Mention Topic and Type)

3. Colour Theory
4. Top most International Fashion designers

### Sample questions

#### PART: A

#### Choose the correct answer

1. A short lived fashion is termed as -----  
a. Classic b. Style c. Fad d. Forecasting
2. Acceptance is one of the components of -----  
a. Design b. Style c. Fad d. Fashion
3. Boutiques are -----  
a. small shops b. chain stores c. departmental stores d. Show rooms
4. There are----- Types of design.  
a. 3 b. 4 c. 2 d. 8
5. The major parts of design radiated from central parts are----- balance. (CO-3 A)  
a. Formal b. Informal c. Radial d. Emphasis
6. The feel of material is called -----  
a. Drape b. Texture c. Spread d. colour
7. Harmony is a design produces -----  
a. Emphasis b. proportion c. Balance d. unity
- 8 -----is as secondary colour.  
a. Red b. Blue c. Black d. Yellow
9. The heavy bulky fabric can be worn by -----Person.  
a. stout b. Thin c. Short d. Round
10. Big hat is not suitable for----- face person.  
a. Small b. Big c. Elongated d. Round

#### 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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