**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

COIMBATORE – 641 029



**DEPARTMENT OF COSTUME DESIGN AND FASHION**

**CURRICULUM AND SCHEME OF EXAMINATIONS (CBCS)**

**(2022 - 2023 and onwards) KONGUNADU ARTS AND SCIENCE COLLEGE**

**[AUTONOMOUS] COIMBATORE - 641 029**

# Vision

Our vision is to enable the students to keep pace with the rapid advancements in the Textile industry by providing an opportunity to obtain an insight into the actual working of the Textile industry and emerge as a successful Entrepreneur.

## Mission

* To upgrade the knowledge of students in the field of textiles and apparel.
* To bring out the innovative and imaginative skills of the Students.
* To instill the spirit of Entrepreneurship.
* To equip the students with skills & potentialities that together brings outfuture fashion leaders.

## PROGRAMME OUTCOMES (PO)

**PO1-** Students have sound knowledge in the field of Textiles and Designing. **PO2-** Students emerge with skill required for a successful Fashion Designer **PO3-**Work together as team players and creative design leaders

**PO4-**Apply their abilities in creating and presenting products

**PO5-** Equipped with Entrepreneurial skill to start their own venture.

**PO6-** Anticipate challenges and explore sustainability in their design development.

**PO7-**Adapt their inspired knowledge and abilities to ongoing changes in global fashion and commercial market

**PO8-** Students are equipped with employable quality.

**PSO1 –** Have sound subject knowledge which form basis for technical understanding

**PSO2 –** Self development of skills in the field of Textile and Fashion Designing through experimental learning.

**PSO3 –** Adapt the inspired knowledge and abilities to ongoing changes in Global Fashion Industries.

**PSO4 –** Can develop Fashion and Design sense as per Current and Future trends.

**PSO5 –** Student can function independently with ability to promote their personal design.

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| **U C D 4**  **KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS) COIMBATORE – 641 029**  **Course Name: Costume Design and Fashion Curriculum and Scheme of Examination under CBCS**  **(Applicable to the students admitted during the Academic Year 2022-2023)** | | | | | | | | | | | |
|  | **Semester** | **Part** | **Subject Code** | **Title of the Paper** | **Instruction hours/cycle** | **Exam. Marks** | | | **Duration of Exam hours)** | **Credits** |  |
| **CIA** | **ESE** | **TOTAL** |
| **I** | I | 22TML1A1 | Language I@ | 6 | 50 | 50 | 100 | 3 | 3 |
| II | 22ENG101 | English –I | 6 | 50 | 50 | 100 | 3 | 3 |
| III | 22UCD101 | Core Paper 1 –Principles of Pattern  Making | 5 | 50 | 50 | 100 | 3 | 4 |
| III | 22UCD1CL | Core Practical 1– Basics of Apparel  Designing | 6 | 50 | 50 | 100 | 3 | 3 |
| III | **22UCD1AL** | **Allied Practical 1 - Fashion Sketching** | **5** | **50** | **50** | **100** | **3** | **5** |
| IV | 22EVS101 | Environmental Studies \*\* | 2 | - | 50 | 50 | 3 | 2 |
| **Total** | | | **30** | **-** | **-** | **550** | - | **20** |
| **II** | I | 22TML2A2 | Language II@ | 6 | 50 | 50 | 100 | 3 | 3 |
| II | 22ENG202 | English –II | 6 | 50 | 50 | 100 | 3 | 3 |
| III | 22UCD202 | Core Paper 2 – Fiber To Yarn | 3 | 50 | 50 | 100 | 3 | 3 |
| III | 22UCD203 | Core Paper 3- Fashion Designing and  Fashion Psychology | 3 | 50 | 50 | 100 | 3 | 4 |
|  | 22UCD2CM | Core Practical 2 – Apparel Designing-  Kid’s Wear | 5 | 50 | 50 | 100 | 4 | 3 |
| III | **22UCD2AM** | **Allied Practical 2- Surface**  **Ornamentation** | **5** | **50** | **50** | **100** | **3** | **5** |
| IV | 22VED201 | Value Education- Moral and Ethics\*\* | 2 | - | 50 | 50 | 3 | 2 |
| **Total** | | | **30** | **-** | **-** | **650** | - | **23** |
| **II I** | III | 22UCD304 | Core Paper 4 - Fabric Manufacturing Techniques | 6 | 50 | 50 | 100 | 3 | 4 |
| III | 22UCD3CN | Core Practical 3- Fabric Structure | 3 | 50 | 50 | 100 | 3 | 2 |
| III | 22UCD3CO | Core Practical 4 –Apparel Designing-  Women’s Wear | 6 | 50 | 50 | 100 | 4 | 4 |
| III | 22UCD3CP | Core Practical 5- Fashion Illustration | 5 | 50 | 50 | 100 | 3 | 4 |
| III | **22UCD3AN** | **Allied Practical 3 - Draping**  **Fundamentals** | **6** | **50** | **50** | **100** | **3** | **5** |
| IV | **22UGC3S1** | **Skill Based Subject 1 – Cyber**  **Security** | **2** | **100** | **-** | **100** | **3** | **3** |
| IV | 22TBT301/  22TAT301/2  2UHR3N1 | Basic Tamil\* / Advanced Tamil\*\*/Non-  major elective-1-Human Rights\*\* | 2 | - | 75 | 75 | 3 | 2 |
| - | 22UCD31T | Internship Training in Textile Unit/ Garment Unit/ Boutique \*\*\*\* | Grade | | | | | |
| **Total** | | | **30** | **-** | **-** | **675** | **-** | 24 |
| **I V** | III | 22UCD405 | Cora Pa per5 - Apparel Marketing and  Merchandising | 4 | 50 | 50 | 100 | 3 | 4 |
| III | 22UCD406 | Core Paper 6- Textile Processing | 5 | 50 | 50 | 100 | 3 | 3 |
| III | 22UCD4CQ | Core Practical 6 –Textile Wet  Processing | 5 | 50 | 50 | 100 | 3 | 3 |
| III | 22UCD4CR | Core Practical 7- Apparel Designing -  Men’s wear | 6 | 50 | 50 | 100 | 4 | 4 |
| III | **22UCD4A1** | **Allied Paper 1 - Boutique Management** | **6** | **50** | **50** | **100** | **3** | **5** |
| IV | **22UCD4SL** | **Skill Based Subject 2 -Computersin FashionDesign** | **2** | **50** | **50** | **100** | **3** | **3** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | IV | 22TBT402/  22TAT402/2  2UWR4N2 | Basic Tamil\* / Advanced Tamil\*\*  /Non-major elective-2-Women’s Rights\*\* | 2 | - | 75 | 75 | 3 | 2 |
| **Total** | | | **30** | **-** | **-** | **675** | **-** | 24 |
| **V** | III | 22UCD507 | Core Paper 7- Introduction to Technical  Textiles | 5 | 50 | 50 | 100 | 3 | 4 |
| III | 22UCD508 | Core Paper –Textile Testing and Quality  Control | 5 | 50 | 50 | 100 | 3 | 3 |
| III | 22UCD5CS | Core Practical 8- Textile Testing | 6 | 50 | 50 | 100 | 4 | 3 |
| III | 22UCD5CT | Core Practical 9 –Computer Aided  Design I | 6 | 50 | 50 | 100 | 4 | 3 |
| III | **22UCD5E1** | **Major Elective 1** | **5** | **50** | **50** | **100** | **3** | **5** |
| IV | **-** | **EDC** | **2** | **100** | **-** | **100** | **3** | **3** |
|  |  | **One Point Credit Programme-** Skill  sets for Apparel Industry | **1** | **Grade** | | | | **1** |
|  | 22UCD5IT | Internship training in Textile Unit /  Garment Unit/ Boutique \*\*\*\* | **Grade** | | | | | |
|  | **Total** | | | **30** | **-** | **-** | **600** | - | **22** |
| **V I** | III | 22UCD609 | Core Paper 9- Visual Merchandising | 6 | 50 | 50 | 100 | 3 | 4 |
| III | 22UCD6CU | Core Practical 10- Computer Aided  Design – II | 6 | 50 | 50 | 100 | 4 | 4 |
| III | 22UCD6CV | Core Practical 11 Fashion Accessory  Designing | 5 | 50 | 50 | 100 | 3 | 3 |
| III | **22UCD6E2** | **Major Elective 1I** | **5** | **50** | **50** | **100** | **3** | **5** |
| III | 22UCD6Z1 | #Project Work- Fashion Portfolio  Presentation\*\*\* | 6 | 50 | 50 | 100 | - | 5 |
| IV | **22UCD6S3** | **Skill Based Subject 3 – Beauty Care** | **2** | **50** | **50** | **100** | **3** | **3** |
| - | - | **SWAYAM-MOOC** | - | - | - | - | - | **2** |
| **Total** | | | **30** | **-** | **-** | **600** | - | **26** |
|  | V | **22NCC$ / NSS/ YRC/ PYE/ ECC/ RRC/**  **WEC101#** | Co-curricular Activities\* | - | 50 | - | 50 | - | 1 |
|  |  |  | **Total** | - | - | - | 650 | - | 27 |
| **Grand Total** | | | | **-** | **-** | **-** | **3800** | **-** | **140** |

**Note:**

CBCS – Choice Based Credit system

CIA – Continuous Internal Assessment ESE – End of Semester Examinations

$- For those students who opt NCC under Curricular activities will be studying the prescribed syllabi of the UGC which will include theory, practical and camp components. Such students who qualify prescribed requirements will earn an additional 24 credits.

**@** Hindi/Malayalam/ French/ Sanskrit – 22HIN/ MLM/ FRN/ SAN101 - 202

**\*** - No End-of-Semester Examinations. Only Continuous Internal Assessment (CIA)

**\*\***- No Continuous Internal Assessment (CIA). Only End-of-Semester Examinations (ESE)

\*\*\* -Project Report – 35 marks; Viva voce – 15 marks; Internal-50 marks

\*\*\*\*The students shall undergo two weeks Internship Training / field work for a minimum period of 2 weeks at the end of the second and fourth semester during summer vacation and submit the report during the

third and fifth semester .The report will be evaluated for 100 marks along with the Internal Viva-Voce by respective faculty. According to their marks, the grades will be awarded as given below.

Marks % Grade 85 – 100 O

70 – 84 D

60 – 69 A

50 – 59 B

40 – 49 C

< 40 U (Reappear)

|  |  |  |  |
| --- | --- | --- | --- |
|  | III Allied | 400 | 20 |
|  | Electives/Project | 300 | 15 |

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**Major Elective Papers**

**(2 papers are to be chosen from the following 6 papers)**

1. Pr. Home Furnishing
2. Fabric Care
3. Historic Costumes and Textiles of India
4. Fashion Forecasting
5. Computers in Textile Industry
6. Organization of Garment Unit

**Non-Major Elective Papers:**

1. Human Rights
2. Women’s Rights
3. Consumer Affairs

**Extra Departmental Course (EDC):**

**22UCD5X1 –**Fashion Designing

**# List of Co-Curricular Activities:**

* 1. National Cadet Corps (NCC)
  2. National Service Scheme (NSS)
  3. Youth Red Cross (YRC)
  4. Physical Education (PYE)
  5. Eco Club (ECC)
  6. Red Ribbon Club (RRC)
  7. Women Empowerment Cell (WEC)

**Note:** In core/ allied subjects, no. of papers both theory and practical are included wherever applicable. However, the total credits and marks for core/allied subjects remain the same as stated below.

# Tally Table:

|  |  |  |  |
| --- | --- | --- | --- |
| **S.**  **No. Part** | **Subject** | **Marks** | **Credits** |
| 1. I | Language Tamil/Hindi/Malayalam/ French/ Sanskrit | 200 | 6 |
| 2. II | English | 200 | 6 |
| III | Core – Theory/Practical | 2000 | 70 |
| - | SWAYAM-MOOC | - | 2 |
| 3. | One Point Credit Programme | - | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 4. | IV | Basic Tamil / Advanced Tamil/  Non-major electives | 150 | 4 |
| Skill Based subject | 300 | 9 |
| EDC | 100 | 3 |
| Environmental Studies | 50 | 2 |
| Value Education | 50 | 2 |
| 5. | V | Co-Curricular Activities | 50 | 1 |
|  |  | **Total** | **3800** | **140** |

* 50 % CIA is applicable to all subjects except JOC, EDC, SBS-1 and COP courses.
* The students should complete a **SWAYAM-MOOC** before the completion of the 5th semester and the course completed certificate should be submitted through the HOD to the Controller of Examinations. Two credits will be given to the candidates who have successfully completed. In case the students have completed more than one online course, the appropriate 2 extra credits shall be awarded to such candidates upon the submission of certificate through the HOD to the Controller of Examinations.
* A **Field Trip** preferably relevant to the course should be undertaken every year.

# Job Oriented Course (JOC) offered by the department

|  |  |
| --- | --- |
| **For other Department Students** | **For CDF department students** |
| 1. Basics of Cosmetology 2. Fabric Tie Dyeing 3. Hand Printing 4. Jewellery making | 1. Pattern Drafting 2. Natural Dyeing 3. Fashion Trims 4. Handmade Paper Making |

**Diploma Courses offered by the department**

1. Fashion Design
2. Garment Construction and
3. Garment Merchandising

# Components of Continuous Internal Assessment (50 Marks)

|  |  |  |  |
| --- | --- | --- | --- |
| **Components** | | **Marks** | **Total** |
| **Theory** | | | |
| CIA I | 75 | (75+75)  converted to 30 | 50 |
| CIA II | 75 |
| Problem based Assignment**\*\*** | | 10 |
| Attendance | | 5 |
| Others**\*** | | 5 |
| **Practical** | | | |
| CIA Practical | | (50)  converted to 30 | 50 |
| Observation Notebook | | 15 |
| Attendance | | 5 |
| **Project** | | | |
| Review | | 45 | 50 |
| Regularity | | 5 |

\* Class Participation, Case Studies Presentation, Field Work, Field Survey, Group Discussion, Term Paper, Workshop/Conference Participation. Presentation of Papers in Conferences, Quiz, Report/Content writing. Etc.

**\*\*** Two Assignments to be given. (Each 5 marks).

# BLOOM’S TAXONOMY BASED ASSESSMENT PATTERN

**(K1**-Remembering; **K2**-Understanding; **K3**-Applying; **K4**-Analyzing; **K5**-Evaluating)

# Theory Examination – Part I, II, III & IV (SBS only)

i) CIA I & II and ESE: 75 Marks

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Knowledge  Level | Section | Marks | Description | Total |
| K1 – K2  Q1 to 20 | A (Answer all) | 20 x 1 = 20 | MCQ-10/  Fill ups-5/ One word-5 | 75**\*\*** |
| K2 – K5 Q21 to 28 | B (5 out of 8) | 5 x 5= 25 | Short Answers |
| K2 – K5  Q29 to 33 | C (3 out of 5) | 3 x 10 = 30 | Descriptive / Detailed |

# \*\*For ESE 75 marks converted to 50 marks.

1. **ESE Practical Examination:**

|  |  |  |  |
| --- | --- | --- | --- |
| Knowledge  Level | Section | Marks | Total |
| K3 | Experiments  Record Work | 45 | 50 |
| K4 | 05 |
| K5 |

# ESE Project Viva Voce:

|  |  |  |  |
| --- | --- | --- | --- |
| Knowledge  Level | Section | Marks | Total |
| K3 | Project Report  Viva voce | 30 | 50 |
| K4 | 20 |
| K5 |

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| --- | --- | --- | --- | --- |
| **Programme Code:18** | | **B.Sc. COSTUME DESIGN AND FASHION** | | |
| Title of the Paper - C.P.1.PRINCIPLES OF PATTERN MAKING | | | | |
| Batch  2022 - 2023 | Hours / Week  5 | | Total Hours  75 | Credits  4 |

**Course Objectives**

* + To enable the students to develop the ability to create design through flat pattern technique.
  + To impart skills in dart manipulation.
  + To enable the students to learn the skills of standardizing body measurements

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering pattern making terminology and steps in taking body  measurement |
| K2 | CO2 | Understanding the pattern making techniques. |
| K3 | CO3 | Applying the Drafting/ Draping and Pattern alteration technique in  Designing. |
| K4 | CO4 | Analyzing the grain of fabric and standards of good fit. |
| K5 | CO5 | Evaluating appropriate pattern alteration and layouts to minimize the  wastage of fabrics. |

**Syllabus**

# Unit I (15 Hours)

**BODY MEASUREMENTS** – Importance, Preparation for measuring, Girls and Ladies measurements, Boy’s and Men’s measurements. Standardizing body measurements, Importance, Techniques used. Relative length and girth measurements. Preparation of standardized measurement chart.

# Unit II (15 Hours)

**DRAFTING** – Pattern making terminology, Methods of pattern making, Types of paper patterns, Pattern making tools, Steps in drafting Bodice front, Bodice back, Sleeve, Skirt front and back, Collar- one piece peter pan and shirt collar. Dart Manipulation, Technique-Slash and Spread method and Pivotal method. Study of commercial pattern, Merits & Demerits. Preparation of commercial pattern for kids. Fitting – Standards of a good fit, Steps in preparing a blouse for fitting, checking the fit of a blouse.

# Unit III (15 Hours)

**DRAPING -** Draping -Definition and Meaning, Need for draping, Importance of Draping Technique, Advantages and Disadvantages, Tools and Equipment used for Draping, Preparation of dress form. Importance of grain, preparation of Muslin Material, straightening, tearing and pressing.

# Unit IV (15 Hours)

**GRADING AND PREPARATION OF FABRIC FOR CUTTING –** Grading,

Introduction

and importance of grading, Manual Grading of basic bodice – front and back, Sleeve, skirt and Collar, Computerized Grading. Basic terms: Grain, Selvedge, On grain, Off Grain, Off Grain Print, With the Grain, Against the Grain, Importance of Grain in Fabric. Cutting -Preparing the Fabric for Cutting, Methods of straightening fabric ends, Methods of straightening fabric grain, shrinking fabrics.

# Unit V (15Hours)

**PATTERN ALTERATION AND LAYOUT** –Importance of altering patterns, Principles for pattern alteration, common pattern alteration in blouse. Pattern layout - Definition, Purpose, Rules in layout, Types of layout and Special layouts. Piecing, transferring pattern markings, **\*Stay and Ease stitching.**

# \*Self study

**Questions can also be taken from self study portions** **TEACHING METHODS**

Talk and chalk/ Google classroom /PowerPoint presentation/Seminar/Discussion/Assignment

# TEXT BOOKS

1. Mary Mathews, *Practical Clothing Construction- Part I and II*, - Cosmic Press, Madras,1990
2. Helen Joseph Armstrong, (2014).*Pattern Making for Fashion*
3. *Design.*5th editions. India: Dorling Kindersley.
4. Gayatri Verma, (2006).*Cutting and Tailoring Course*. New Delhi: Asian publishers.
5. Gayathri Verma, (2015).*Cutting and Sewing Theory for cutting and sewing dress making (combination Edition for semester I & II).*New Delhi: Asian Publishers.

# REFERENCE BOOKS

1. Helen Joseph-Armstrong, (2006).*Pattern Making for Fashion Design.*

Pearson Education Inc.

1. Connie Amaden Crawford, (2005).*The Art of Fashion Draping III Edition.* OM Books International.
2. Rahul Jewel,(2005).*Encyclopedia of Dress Making.* New Delhi: AP.H Publishing Corporation.
3. Hillary Campbell, (2000).*Designing Patterns: A fresh Approach to Pattern Cutting*. Hillary Campbell, Stanley Thornes Publishers Ltd.
4. Lori A. Knowles, (2005).The Practical *Guide to Pattern Making for Fashion Designers*. New York: Fair Child, Publications, Inc.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | H | H |
| **CO2** | S | S | S | S | S |
| **CO3** | H | S | H | S | S |
| **CO4** | H | S | H | M | S |
| **CO5** | S | S | H | S | S |

**S** – Strong **H** – High **M**– Medium **L** – Low

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc.COSTUME DESIGN AND FASHION | | |
| Title of the Paper- C.Pr.1 -BASICS OF APPAREL DESIGNING | | | |
| Batch 2022 - 2023 | Hours / Week 6 | Total Hours 90 | Credits 3 |

# Course Objectives

* To impart practical exposure in sewing operation.
* To acquaint students with the knowledge on basic sewing techniques.
* To impart the knowledge and skills required for garment designing.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the concepts sewing operations |
| K2 | CO2 | Understanding the procedures followed in stitching fabric samples |
| K3 | CO3 | Applying basic sewing techniques |
| K4 | CO4 | Analyzing the essential techniques for garment designing |
| K5 | CO5 | Evaluating the material consumption, cost calculation and overall finished samples |

**Syllabus**

1. Introduction of Sewing Operations **-** Operation of sewing machines, safety measures while using sewing machine, Preparation of fabric for sewing, handling of fabrics-cotton, synthetic, satin, crepe, denim, velvet, stitch length and needle size suitable for different fabrics
2. Prepare samples for Seams - Plain, Single Top Stitch, Double Top Stitch, Welt, Lapped, Slot, Flat Fell, French, Mantua Maker’s, Piped Seam.
3. Prepare samples for seam finishes - Edge stitch, Double Stitch, Herringbone. Hems- Seam binding, Rolled or Whipped finish, Shell Edged.
4. Prepare samples for Fullness - Darts - Single Pointed, Double pointed. Tucks - Pin, Piped or Corded, Shell or Scalloped, Cross tucking, Pleats - Knife, Box, Inverted, Kick, Pinch, Cartridge Godets, Flares, Gathering - Hand, Machine, Using elastic, with cord piping. Shirring, ruffle – Single, Double, Circular Ruffle.
5. Prepare samples for Neck finishes - Bias facing, Single Bias binding, French binding.
6. Prepare samples for Plackets - Continuous bound, Two-piece, Zipper, Bound neck, Centre front

/ back placket.

1. Prepare samples for Yokes - Plain yoke, Yoke with fullness within the yoke, Yoke supporting / releasing fullness.
2. Prepare samples for Fasteners - Button and button holes, Snap fasteners, Hooks and Eyes, Zip.
3. Prepare samples for Sleeves - Various styles of Set – in – Sleeves- Plain, Puff at top / Bottom, Circular and Tulip. Modified armhole Sleeve and Bodice combined - Raglan.
4. Prepare samples for Collars - Peter pan collar, Full shirt, Chinese, Shawl collar.
5. Prepare samples for Pockets - Patch pocket, Pocket set into a seam and Set in pocket.

# TEACHING METHODS

Demonstration/ Sample preparation / Google classroom

**TEXT BOOKS**

* 1. Gayatri Vermaand Kapil Dev,(2006).*Cutting and Tailoring Course*. New Delhi: Asian Publishers.
  2. K R Zarapker, (2005*).Zarapker System of Cutting.* New Delhi: Navneet Publications Ltd.
  3. Sumathi .G, (2005).*Elements of Fashion and Apparel Design II Edition.* New Age International Private Ltd Publications.

# REFERENCE BOOKS

1. Thangam Subramaniam, (2006*). Dress Making- Bombay Tailoring and Embroidery College*. Chennai.
2. Ruth Sleigh Johnson,(2011).*Practical sewing techniques*. London : A& C Black publishers.
3. Natalie Bray, (2005). *Dress Fitting.* Om Books International Publication.
4. Charlotte Gerlings, (2015). *Anyone can Sew.* Arcturus Publishing.
5. Natalie Bray,( 2004).*More Dress Pattern Designing.* Om Books International Publication.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | S | S |
| **CO2** | S | S | S | S | S |
| **CO3** | S | S | H | S | S |
| **CO4** | S | S | S | S | S |
| **CO5** | S | S | S | H | S |

**S** – Strong **H** – High **M**– Medium **L** – Low

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| Title of the paper**-**C.P.2- FIBER TO YARN | | | |
| Batch 2022 - 2023 | Hours / Week 3 | Total Hours 45 | Credits 3 |

# Course Objectives

* To impart the knowledge of fibres, their sources, identification and properties
* To inculcate the knowledge of fiber production and conversion to yarn.
* To enable the students to understand yarn and its classification.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Can identify the types of natural and manmade fibers |
| K2 | CO2 | Understanding the manufacturing process |
| K3 | CO3 | Applying the key concepts and theories of spinning methods |
| K4 | CO4 | Analyzing the properties of fibers |
| K5 | CO5 | Assessing the morphological and chemical structure of natural fibre with their physical and chemical properties. |

**Syllabus**

# Unit I (9 Hours)

**INTRODUCTION TO TEXTILES** – Importance of Textiles, Definition of Fibers, Classification of fibers – Natural and Man-made, Primary and Secondary and additional characteristics of Textile fibers.

# Unit II (9 Hours)

**NATURAL FIBERS** - Manufacturing process, Properties and Uses of Natural fibers – Cotton, Jute, Silk, Wool and Hair fibers. Non conventional fibers- Introduction, properties and uses of Hemp, Bamboo, Abaca, Sisal, Coir, Pineapple, Banana. and Agave. Introduction to other Eco fibres - Organic cotton, Linen, Organic wool, Ahimsa silk, Soy silk.

# Unit III ( 8 Hours)

**MAN-MADE FIBERS** - Manufacturing process, Properties and Uses of Man-made fibers – Viscose rayon, Acetate, Nylon, Polyester, Acrylic and Spandex.

# Unit IV (10 Hours)

**SPINNING** –Conventional Ring Spinning - Blending, Opening, Cleaning, Carding, Doubling, Combing, Drawing, Roving and Spinning. Staple Yarn Spinning Methods **-** Open End spinning, Friction spinning, Self twist spinning, Electrostatic spinning, Vortex spinning,

Air-jet spinning and Twist less spinning. Filament yarn Spinning methods- Wet and Dry spinning, Melt spinning, Bi-component spinning, Bi-constituent spinning and Film splitting and Integrated Composite spinning.

# Unit V ( 9 Hours)

**YARN CLASSIFICATION**–Yarn definition, Yarn twist, Yarn count, Classification–Simple - Single, Ply, Cord - Fancy yarns - **\*Spiral / Corkscrew**, Slub, Flake, Snarl, Knot boucle and Loop. Sewing thread – fibres used for manufacturing thread, types of threads thread finishes and thread sizes.

# \* Self study

**Questions can be taken from self study portions also TEACHING METHODS**

Talk and chalk / Google classroom/Power point presentation/Seminar/Discussion/Assignment/ Industrial Visit

# TEXT BOOKS

1. Rob Thames and Hudson, (2014).*Manufacturing Process for Textile and Fashion Design*: Infinity Press.
2. Navneetkaur, (2010).*Comdex Fashion Design Vol-I*. *Fashion Concepts* New Delhi

:DreamTech press.

1. Ajay Jindal, Rakesh Jindal,( 2006).*Textile Raw Material.* Chandigarh: Abhisek Publications.
2. E.P.G. Gohl, L.D. Vilensky, (2005*). Textile Science*. C.B.S Publication.

# REFERENCE BOOKS

1. J. Kadolph ,(2009).*Textiles.* NewDelhi: Sara Pearson Education India Pvt. Ltd.
2. Rastogi, M. (2009).*Animal Textile*. New Delhi: Sonali Publications.
3. Susheela Dantyagi, (2006).*Fundamentals of Textiles and their care*, New Delhi: Orient Black wan, Ltd.
4. S P Mishra, (2005). *A Textbook of Fibre Science and Technology*. New Age International Publishers.
5. Premamoy Ghosh, (2004). *Fibre Science and Technology*. Tata Mcgraw- Hill Publication.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | H | S | H | S |
| **CO2** | H | H | H | M | M |
| **CO3** | S | H | M | S | H |
| **CO4** | S | H | S | S | H |
| **CO5** | S | S | H | S | S |

**S** – Strong **H** – High **M**– Medium **L** – Low

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| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| Title of the Paper**-** C.P.3 - FASHION DESIGNING AND FASHIONPSYCHOLOGY | | | |
| Batch 2022 - 2023 | Hours / Week 3 | Total Hours 45 | Credits 4 |

# Course Objectives

* To enable the students to gain knowledge in Elements and Principles of Design.
* To familiarize the Fashion design concepts and factors influencing Fashion changes.
* To acquaint the students to design garments for various figure irregularities.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Familiarizing with the concepts of Fashion and Designing |
| K2 | CO2 | Understanding the factors influencing the fashion changes |
| K3 | CO3 | Applying the concept of designing dress for personalities |
| K4 | CO4 | Analyzing the designing concepts for Future trend |
| K5 | CO5 | Valuing the contribution of Indian and International fashion designers |

**Syllabus**

# Unit I ( 9 Hours)

**FASHION TERMINOLOGIES AND ELEMENTS OF FASHION** – Fashion, Fad, Style,

Classic, Collection, Custom made, Mannequin, High fashion, Trend, Advant- garde, Bridge, Buying house, Fashion centers, Fashion merchandising, Fashion cycle, Forecasting, Haute couture, Couture, Couturier, Pre- a-porter. Eco Fashion– Introduction, carbon footprint, Eco fashion terminologies- Eco, Sustainable, Ethical, Craft/ artisan, Eco green, up cycling. Popularity of Eco fashion. Design **–** Definition and types – Structural and Decorative design. Elements of a design – Line, Shape or form, Colour, Size and texture.

# Unit II ( 9 Hours)

**PRINCIPLES OF DESIGN** – Balance – Formal and Informal, Rhythm – Through repetition, Radiation and Gradation, Emphasis – Grouping of design units, Using contrast hues, by leading lines, a combination of any of the above, repeating details such as tucks. Gathers, Unusual Shapes and Textures, Applied design on a contrast background, Harmony and Proportion.

# Unit III ( 9 Hours)

**COLOUR –**Definition, Dimensions of colour, Psychological effects of colour. Colour value scale and Colour theories- Prang and Munsell, Colour harmonies - Monochromatic, Analogous, Complementary, Double complementary, Spilt complementary, and Triad colour harmony. Pantone colours.

# Unit IV ( 9 Hours)

**Fashion Evolution and Contribution of Fashion Designers –** Fashion Evolution – Fashion cycles, Consumer groups in fashion cycles – Fashion leaders, Fashion innovators, Fashion motivators, Fashion victims, and Fashion followers. Adoption of fashion – Trickle down, Trickle up and Trickle across theory. Factors Influencing Fashion Changes– Psychological, Social, Technological, Economical, Political, Legal and Seasonal influence. Contribution of Fashion Designers: Indian Fashion Designers – Ritu Kumar, Sabyasachi Mukherjee, Anita Dongre, Tarun Tahiliani, Manish Malhotra. International Fashion designers **-** Calvin Klein, Donatella Versace, Ralph Lauren, Giorgio Armani, Coco Chanel. Eco fashion designers- Amit

Aggarwal, Aneeth Arora**,** Karishma Shahani Khan**,** Ruchika Sachdeva**,** Anavila Misra and Kriti Tula.

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| **Unit V** |  |  |  |  | **( 9 Hours)** |
| **WARDROBE** | **PLANNING** | **AND** | **DESIGNING** | **DRESSES** | **FOR FIGURE** |

**IRREGULARITIES** -Wardrobe planning for different age groups, factors influencing wardrobe selection, Fashion and season, Designing dresses for various occasions – business meetings, parties/ dinners, evenings/ leisure hours, marriage functions, sports, uniforms for civil services, air hostess DESIGNING DRESSES FOR FIGURE IRREGULARITIES– Becoming and

Unbecoming of Stout figure, Thin figure, Large bust, Flat chest, Large hip, small face, Large face, Prominent forehead, Narrow shoulders, **\*Broad shoulders**.

# Self study

**Questions can also be taken from self study portions**

# TEACHING METHODS

Google classroom/ Power point presentation/Seminar/Discussion/Assignment

**TEXTBOOKS**

1. Navneetkaur, (2010).*Comdex Fashion Design, Vol-I Fashion Concepts,* New Delhi: Dream Tech Press.
2. Gini Stephens Frings, (2006).*Fashion from Concept to Consumer Seventh Edition.*

Pearson Education.

1. Sumathi. G.J,( 2002) *Elements of Fashion and Apparel Design.* New Delhi: New Age International Publishers.

# REFERENCE BOOKS

1. Payal Jain,( 2005).*Fashion Studies – An Introduction* India: Anand Publications Pvt., Ltd.
2. Elaine Stone, (2001).*The Dynamics of Fashion*. New York: Fair Child Publications.
3. PoojaKhurana and Monikasrthi, (2007*). Introduction to Fashion Technology*. New Delhi. Firewall Media Pvt, Ltd.
4. Navneetkaur, (2010). *Comdex Fashion DesignVol-II Fashion Concepts*. New Delhi: Dream tech Press.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | H | H |
| **CO2** | H | S | S | S | H |
| **CO3** | S | S | S | S | H |
| **CO4** | S | S | S | S | S |
| **CO5** | S | S | S | H | H |

**S** – Strong **H** – High **M**– Medium **L** – Low

# Sub. Code: 22UCD2CM

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| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.Pr.2 APPAREL DESIGNING – KID’S WEAR | | | |
| Batch  2022 - 2023 | Hours /Week  5 | Total Hours  75 | Credits  3 |

**Course Objectives**

* + To impart knowledge on designing garments for kids.
  + To enable the students practice skill in drafting and pattern making.
  + To educate the students on construction of selected kid’s garment design and calculating material consumption and cost of finished.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the construction procedures for different kid’s wear garments. |
| K2 | CO2 | Understanding the pattern drafting techniques of kid’s garments. |
| K3 | CO3 | Applying the practical skill in drafting pattern for selected kid’s garment design. |
| K4 | CO4 | Analyzing the fabric suitable for style and for the personality. |
| K5 | CO5 | Evaluating finishing and overall cost of constructed garment. |

* + Designing, drafting and constructing the following garments with the given features.
  + Construction of the garments based on any theme with specification sheet
  + Material requirements
  + Required measurements – Direct measurement method
  + Cost Calculation of the garment.

# CONSTRUCT THE FOLLOWING GARMENTS:

1. **JUST BORN SET**- **JABLA, PANTY AND BIB** – with /without sleeve, with opening
2. **HEAD CAP, GLOVES, and BOOTIES** – with elastic /card.
3. **SHRUG -** any type of sleeve, Neckline Variations with or without collar / **PONCHO**

with decorative hemline.

1. **ROMPER** - knickers or panty attached, with center front/ back opening, neckline – French binding.
2. **YOKE FROCK** - yoke at chest line, with opening, any type of sleeve, and skirt with fullness, Neckline Variations- shaped and decorative facing with collar.
3. **T-SHIRT** – with / without placket, collar, sleeve- kimono /circular
4. **KNICKER** - elastic waist, side pocket / bound pocket
5. **MIDI** - gathered, layered or pleated skirt
6. **MIDI TOPS** – Variation in neckline, collar - rippled / turtle neck, and sleeve

# TEACHING METHODS

Demonstration/ Sample preparation / Google classroom

**TEXT BOOK**

1. Alison Smith, (2009). *The Sewing Book*.Britain: Darling Kindersley Ltd.
2. K R Zarapker,(2005). *Zarapkar System of Cutting,* New Delhi: Navneet publications.
3. Raul Jewel, (2005).*Encyclopedia of Dress Making*. New Delhi:

A.P.H. Publishing Corporation.

# Sub. Code: 22UCD2CM

**REFERENCES**

1. Gayatri Verma & KapilDev, (2005).*Cutting and Tailoring Course* New Delhi

:Asian Publishers.

1. Bety Hose good, (2003). New Edition, *The Complete Book of Sewing*. London: Dorling Kindersley Limited.
2. Pleasant Ville, (2004).*Reader’s Digest Sewing Guide Complete Guide for Sewing, 13th Edition*. The Reader’s Digest Association Inc.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | H | H |
| **CO2** | H | S | S | S | H |
| **CO3** | S | S | S | S | H |
| **CO4** | S | S | M | S | S |
| **CO5** | S | H | M | M | S |

**S** – Strong **H** – High **M**– Medium **L** – Low

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| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.P.4 – FABRIC MANUFACTURING TECHNIQUES | | | |
| Batch 2022 - 2023 | Hours / Week 6 | Total Hours 90 | Credits 4 |

# Course Objectives

* + - To acquaint students with the knowledge on different types of fabric formation techniques.
    - To enable students gain knowledge in fabric structure.
    - To enable the students to know about properties of fabrics.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the techniques involved in fabrications |
| K2 | CO2 | Understanding the methods of fabric manufacturing process |
| K3 | CO3 | Applying fabric structure and design |
| K4 | CO4 | Analysing the type of fabrication |
| K5 | CO5 | Evaluating the visual and mechanical properties of different fabric structures. |

**Syllabus**

# Unit I (18 Hours)

**WEAVING**- Definition, History of Weaving, Characteristics of woven fabric. Loom – Classification of looms, Hand loom its Parts & functions - Shedding, Picking, Beating up (Battening) and Taking up and letting off. Selvedge, Fabric Count. Modern Looms - Automatic, Shuttle less, Air jet, Water jet, Rapier, Projectile, Multiphase weaving machines. Advantages and disadvantages.

# Unit II (18 Hours)

**WEAVES** - Basic weaves – Plain, Twill, Satin and Sateen weave and derivatives. Design, draft and peg plan for Plain weave, Twill weave. Fancy Weaves **–** Properties and Uses - Dobby, Jacquard, Crepe, Gauze, Pile, Double cloth.

# Unit III (18 Hours)

**KNITTING** – Definition, Classification and history, Difference between weaving and knitting. Characteristics of Knitted goods. Difference between warp and weft knitting. Principles of knitting

- General terms in Knitting, Parts of Knitting machine, Machine knitting needles – Types and functions, Knitting cycle, Knitting notations – Verbal, Graph, Diagrammatic and Symbolic ,Basic knitting stitches – Knit, Purl, Miss and Tuck.

# Unit IV (18 Hours)

**WARP AND WEFT KNITTING** – Warp knitting – Lapping variations – Warp knitted fabrics - Tricot, Rachel, Simplex and Milanese and their structure and properties; Types of warp knitting machines - Single bar, Two bars and Multi bar machines. Weft knitted fabrics, structure and their properties - Single jersey, Purl, Rib , Jacquard, Pile, Double knit, Interlock; Weft knitting machines classification – Circular and Flat machines. Defects in knitted material, Care and maintenance of Knitted material – \***Washing**, Drying, Ironing, and Storing.

# Unit V (18 Hours)

**FELT, NON WOVENS AND DECORATIVE FABRIC CONSTRUCTION-** Felted fabrics –

Felting process. Types of felt, properties and uses of felt. Non woven –Definition, classification of non-woven fabrics, web forming techniques, bonding techniques, and finishing techniques.Characteristics of non-woven, uses of nonwoven fabrics.Decorative fabric construction

– Braiding, Netting, Lace and Embroidery.

# Self study

**Questions can be taken from self study portions also TEACHING METHODS**

Talk and chalk method/ Google classroom power point presentation/Seminar/Discussion

# TEXT BOOKS

1. N.Gokarneshan, (2016). Fabric Structure and Design. New Delhi: New Age International.
2. D B Ajgoanker, (2006). *Knitting Technology* Mumbai: Universal Publishing Corporation.
3. Arul Dahiya, MG Kamath, Raghavendra R Hedge and Monika Kannadnguli, (2006).*Non-wovens*.

# REFERENCES

1. Navneetkaur, (2010).*Comdex Fashion Design*, Vol-I Fashion Concepts, New Delhi : Dream Tech press.
2. N. Anbumani, (2007). *Fundamentals of Knitting.* New Age Publishers.
3. Manmeet Sodhia Varinder Pal Singh, (2003). *Knitting Technology*. Ludhiana: Kalyani Publishiers.
4. [Wilhelm Albrecht,](http://www.google.co.in/search?tbo=p&tbm=bks&q=inauthor%3A%22Wilhelm%2BAlbrecht%22&source=gbs_metadata_r&cad=6) [Hilmar Fuchs,](http://www.google.co.in/search?tbo=p&tbm=bks&q=inauthor%3A%22Hilmar%2BFuchs%22&source=gbs_metadata_r&cad=6) (2006).*Nonwoven Fabrics: Raw Materials, Manufacture, Applications, Characteristics, Testing Processes.* Walter Kittelmann John Wiley & Sons.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | H | M | S | H |
| **CO2** | H | S | S | S | S |
| **CO3** | S | S | S | H | H |
| **CO4** | S | S | S | S | S |
| **CO5** | S | S | S | S | H |

**S** – Strong **H** – High **M** – Medium **L** – Low

# Sub. Code: 22UCD3CN

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| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| Title of the Paper- C.Pr.3- FABRIC STRUCTURE | | | |
| Batch 2022 - 2023 | Hours / Week 3 | Total Hours 45 | Credits2 |

**Course Objectives**

* To impart practical knowledge in analyzing different fabrics
* To enable the students to identify the fabric structure.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the basic structure of different fabrics |
| K2 | CO2 | Understanding different types of weave designs and their derivatives along with draft and peg  plan. |
| K3 | CO3 | Applying Design, draft and peg plan for other Fancy weaves |
| K4 | CO4 | Analyzing the fabric structures |
| K5 | CO5 | Examining the fabrication of fabric and its structure |

**Syllabus**

# LIST OF EXPERIMENTS

1. **Woven Fabric**
2. Analyze the Woven sample- Plain weave and its derivatives
3. Analyze the Woven sample- Twill weaves
4. Analyze the Woven sample- Satin / Sateen
5. Analyze the Woven sample- Honey comb
6. Analyze the Woven sample- Huck – a – back
7. Analyze the Woven sample- Crepe weaves
8. Analyze the Woven sample- Extra Warp
9. Analyze the Woven sample- Extra Weft
10. Analyze the Woven sample-Fancy weave
    * Design, Draft and Peg Plan
    * Warp density (Ends per inch)
    * Weft density (Picks per inch)
    * Cover factor
    * Fabric weight and
    * Thickness of the fabric

# Knitted Fabric

1. Analyze the Knit sample- Single Jersey knit
2. Analyze the Knit sample- Double Jersey knit
3. Analyze the Knit sample- Interlock knit
4. Analyze the Knit sample- Rib
5. Analyze the Knit sample- Jacquard Knit
   * Structure
   * Coarse per inch
   * Wales per inch
   * Tightness factor
6. Collection of Nonwoven Fabric - Felting, Fusing, Laminating, Braiding, Crocheting and Bonding

# TEACHING METHODS

Demonstration / Sample preparation / Google classroom / Industrial Visit

**Sub. Code: 22UCD3CN**

# TEXT BOOKS

1. T.R. Ashenhurst, (2008).*Textile Calculation and Structure of Fabric*. Abhishek Publications.
2. Sara J. Kadolph, (2009).*Textiles.*New Delhi: *Pearson Education* India Pvt. Ltd.
3. N. Gokarneshan,( 2009).*Fabric Structure and Design.*New Age International Pvt.Ltd.

# REFERENCE BOOKS

1. Grosichkli Z Newness,(2004).*Watson’s textile design and colour*. London: Butter Worths.
2. W.S. Murphy, (2003).*Textile Weaving and Design*. Abhishek Publications.
3. K. Green Wood,( 2004).*Weaving control of Fabric Structure*. Woodhead Publications.
4. MeenakshiRastogi,( 2009).*Textile Forming*. Sonali Publications.
5. Z.J.Grosichkli, (2004*). Watson’s advanced Textile Design*.Woodhead Publications.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | H | S |
| **CO2** | S | S | H | S | S |
| **CO3** | S | H | S | S | S |
| **CO4** | M | S | S | H | H |
| **CO5** | S | S | S | H | H |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.Pr.4- APPAREL DESIGNING- WOMEN’S WEAR | | | |
| Batch 2021 – 2022 | Hours / Week 6 | Total Hours 90 | Credits 4 |

# Course Objectives

* + To equip students to design and construct different styles of Women’s garment
  + To impart practical knowledge in drafting and pattern making
  + To enable students to construct Women’s wear for selected design, calculate material consumption and cost of the finished garments.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the construction procedures for different women’s wear garments. |
| K2 | CO2 | Understanding the pattern drafting techniques of women’s garments. |
| K3 | CO3 | Applying the practical skill in drafting pattern for selected women’s garment |
| K4 | CO4 | Analyzing the fabric for different style and personality |
| K5 | CO5 | Evaluating the finishing and overall cost of the garments |

**Syllabus CONSTRUCT THE FOLLOWING GARMENTS:**

1. **SAREE PETTICOAT**– panel type, decorated bottom-pleated/ruffles
2. **NIGHTIE**–with yoke, front open, with sleeve, full length.
3. **SALWAR** - Chudidar / palazzo/ culottes/ Patiala-Cord/Elastic
4. **KAMEEZ / KURTA**– with / without slit, with / without flare, with tailored placket / without opening, with / without panels, with / without yoke
5. **DESIGNER SAREE and BLOUSE / GHAGRA and CHOLI –**fashioned neck, waist band at front, with Sleeve, back / front opening to be constructed as stage garment
6. **SKIRT**–circular / gathered / wrap round / divider skirt / tier skirt / pencil skirt -with waist band
7. **TOPS**- Variations in neckline, with or without collar, with or without sleeve
8. **NIGHT SUIT TOP** - variations in tops, with or without yoke, with or without Yoke, collar , with or without pocket, with or without placket.
9. **NIGHT PANT** - with pockets, elastic/ waist band, flare /pleats.

# TEACHING METHODS

Demonstration/Sample preparation / Google classroom

**TEXT BOOK**

1. Helen Joseph-Armstrong, (2014).*Pattern making for Fashion Design.* Dorling Kindersley Pvt Ltd.
2. Alison Smith, (2009).*The Sewing Book.* Britain: Darling Kindersley Ltd.
3. K.R Zarapker, (2005). *Zarapkar System of Cutting.* New Delhi:Navneet publications.
4. Raul Jewel, (2005).*Encyclopedia of Dress Making*. New Delhi: A.P.H. Publishing Corporation.

# REFERENCES

1. Gayatri Verma & Kapil Dev, (2005).*Cutting and Tailoring Course*. New Delhi:Asian Publishers.
2. The Reader’s Digest Association, (2004*). Reader’s Digest Sewing Guide, Complete Guide for Sewing, 13th Edition.* The Reader’s Digest Association Inc, Pleasant Ville.
3. Thangam Subramaniam, (2006*). Dress Making*. Chennai :Bombay tailoring and Embroidery college.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | H | S |
| **CO2** | S | S | S | S | H |
| **CO3** | S | H | S | S | S |
| **CO4** | S | H | S | S | S |
| **CO5** | S | S | S | H | S |

**S** – Strong **H** – High **M**– Medium **L** – Low

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| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc.COSTUME DESIGN AND FASHION | | |
| Title of the Paper- C.Pr.5 FASHION ILLUSTRATION | | | |
| Batch  2022 - 2023 | Hours / Week  5 | Total Hours  75 | Credits  4 |

# Course Objectives

* To impart practical knowledge in sketching facial features and head theories.
* To equip the students with skill in sketching fashion accessories
* To impart practical knowledge in illustrating with concept of inspiration for various garments styles.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the colour harmonies for illustrating different wears. |
| K2 | K2 | Understanding the body proportions to draw the fashion figures |
| K3 | CO3 | Applying the theories and techniques used in developing new illustration styles in the fashion and design industry |
| K4 | CO4 | Analyzing suitable style and accessories for particular wear |
| K5 | CO5 | Evaluating the presentation |

**Syllabus PREPARE SKETCHES FOR THE FOLLOWING**

1. Drawing front and side view of face
2. Various facial features – Lips, Nose, Eyes and Ears
3. Drawing different Hand and Leg Poses
4. Head Theory – 7 ½ / 8, 10 and 12 for Men / Women
5. Fashion Accessories – Bag, Belt, Shoe
6. Sketching different Jewelleries
7. Drawing different Hair Styles
8. To illustrate with concept of inspiration for -Casual wear, Winter Wear, summer wear for Men, Women with suitable accessories, hair styles and backdrop.
9. To illustrate with concept of inspiration for -Bridal Wear, Party wear and Sportswear for Men, Women with suitable accessories, hair styles and backdrop.

# TEACHING METHODS

Demonstration /Workshop/Visit to Art Galleries / Google classroom

**TEXT BOOKS**

1. RanjanaSinghal, Kannari Bharat, (2010).*Fashion Rendering*OM books International.
2. Raviraj,Pencil Shading, (2007).*Basic Techniques*.Chennai:New Century Book House Pvt Ltd.
3. PoojaKhurana& Monika Sethi,(2007) *Introduction to Fashion Technology*.NewDelhi :Firewall Media Pvt. Ltd.

# REFERENCE BOOKS

1. PundalikVaze, JyotsnaPrakashan,( 2002).*Draw and Paint*. Pune, I Edition.
2. Steven Stipelman, (2005*). Illustrating Fashion Concept to Creation II edition.*New York : Fairchild publication.
3. Kathryn Hagen, (2005).*Fashion illustration for Designers*.Upper saddle river, New jersey:Pearson education, Inc.
4. BinaAbling, (2004).*Fashion Sketch Book.4th Edition*. New Delhi: Om Books International.
5. Navneetkaur,( 2010). Comdex Fashion Design, Vol-I Fashion Concepts. New Delhi: Dreamtech Press.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | S | H | S | S |
| **CO2** | H | S | H | S | S |
| **CO3** | S | S | H | H | S |
| **CO4** | S | S | S | S | H |
| **CO5** | S | S | H | H | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

# Sub. Code: 22UCD405

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| Title of the Paper- C.P.5- APPAREL MARKETING AND MERCHANDIZING | | | |
| Batch  2022 - 2023 | Hours / Week  4 | Total Hours  60 | Credits  4 |

**Course Objectives**

* To impart knowledge on marketing function
* To enable the students to know various marketing concepts in Apparel Industry
* To educate on costing and sales promotion

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Recognize the concepts of marketing function |
| K2 | CO2 | Understanding the various methods involved for successful retailing |
| K3 | CO3 | Applying the key concepts for marketing |
| K4 | CO4 | Analyzing the various methods of branding for types of apparel and costing |
| K5 | CO5 | Evaluating SWOT analysis and sales promotion techniques |

**Syllabus**

# Unit I (11 Hours)

**MARKET AND MARKETING FUNCTION -** Meaning and Classification, Marketing, Fashion marketing, market - Levels of market, Marketing environment – Micro and Macro marketing environment. Marketing Function – Definition, Buying, Assembling, Grading – Standardization. The fashion industry and new product development, Product mix and range planning.

# Unit II (11 Hours)

**COSTING** - Costing- Methods of Costing, Importance of Costing in Apparel industry- elements of Costing, Principles of Costing – requirement of good costing system. Cost estimation of yarn and fabric, Cost estimation for dyeing, printing, embroidery, cutting, stitching, checking, packing, final inspection, shipping and insurance. Costing of various Garments- Children’s wear Women’s wear and Men’s wear.

# Unit III (13 Hours)

**COST CONTROL AND PRICING POLICIES**: Cost Control- meaning, tools, techniques and estimation of cost control, Functions of cost control, types of costs and expenses – Apparel manufacturing cost categories – sales cost control, purchasing cost control, production cost control, administration cost control – cost ration policies – the manufacturing budget –cash flow controls – standard cost sheet, break even chart and problems in costing. Pricing policies and importance of pricing policies, Functions and Factors influencing pricing – Internal and External.

# Unit IV (13 Hours)

**SALES PROMOTION & RETAILING - \*Personal selling,** Sales promotion – Objectives and Methods, Retailing – Definition and Types- In store & Non store retailing. Organization factors contributing successful retailing. Branding -Definitions , Reasons for branding, Scope of Branding, Role of Brands, Brand equity, Elements of Branding, Features of a good brand, Types of brand and advantages of Branding, Branding Stages-Brand and Brand Strategies and introduction to Eco Brands. Fashion advertising, objectives and importance of advertizing, types of advertisement. Advertising media used in apparel market – Advantages and Limitations.

# Unit V (12 Hours)

**MERCHANDINZING-** Merchandiser – essential qualities of a merchandiser; types and functions of merchandisers – fashion merchandiser, visual merchandiser, export merchandiser and retail merchandiser.

**Sub. Code: 22UCD405**

# Self study

**Questions can be taken from self study portions also TEACHING METHODS**

Talk and Chalk method/ Power point presentation/ Seminar/ Discussion / Assignment / Google classroom

# TEXT BOOKS

1. Manmeet Sodhia and Poojachatley, (2001*). Fashion Marketing And Merchandising*.
2. Gini Stephens Fringes, (2002).*Fashion from Concept to Consumers 7th Edition*. Pearson Education.
3. Kitty G. Dickerson, (2003).*Inside the Fashion Business*. Singapore: Peason Education.
4. Krishnakumar. M (2011), *Apparel Costing, A functional Approach,* Abishek Publications, Chandigarh.

# REFERENCE BOOKS

1. R.S.N.Pillai and Bagavathi, (1996*). Modern Marketing –Principles and Practices*.
2. Michael T. Fralix, Rajesh Bheda, (2003*). Managing Productivity in the apparel industry*. New Delhi.
3. Pradip V. Mehta, (2006).*Managing Quality in the Apparel Industry.*
4. D.Chandra Bose,(2010).*Modern Marketing: Principles and Practices*. PH1 Learning Pvt. Ltd.
5. Philip Kotler and Kevin Lane, (2006).*Marketing Management.* Delhi Pearson Education Inc.

# MAPPING

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| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | H | H | S | S |
| **CO2** | H | M | S | S | H |
| **CO3** | S | H | M | H | M |
| **CO4** | M | H | S | H | M |
| **CO5** | H | S | S | M | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.P.6 -TEXTILE PROCESSING | | | |
| Batch 2022 - 2023 | Hours / Week 5 | Total Hours 75 | Credits 3 |

# Course Objectives

* To enable the students to gain knowledge in various processing methods
* To educate the students on Dyeing techniques
* To impart knowledge on methods of Printing

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Recollecting the concepts of fabric finishing process |
| K2 | CO2 | Understanding the technique of dyeing and printing |
| K3 | CO3 | Applying the dyeing and printing techniques |
| K4 | CO4 | Analyzing finishing process for different fabrics |
| K5 | CO5 | Evaluating the different methods of effluent treatments |

**Syllabus**

# Unit I (15 Hours)

**PREPARATORY PROCESSES** – Need for processing and its classification, basic finishes

– singeing or gassing, scouring, bleaching (different methods), mercerizing, sizing, and calendaring - Aesthetic finishes: Lustre – glazed, moiré, Schreiner, Comfort related finishes: water repellent, Anti-static. Biological control finishes – Moth and Mildew, Anti bacterial, Anti fungi. Control Safety related finishes – flame retardant Enzymes-Introduction, types and its application for textile processing

# Unit II (15 Hours)

**DYEING AND STAGES OF DYEING** – Dyes – Classification and Fastness properties of dyes, direct, vat, reactive, acid, basic, azoic dyes. Vegetable dyes – types used, significance ofvegetable dyes. Mordant – Introduction, Classification, Mordanting Techniques used for dyeing. STAGES OF DYEING – Fibre, yarn, fabric and garment – process involved advantages and limitations. Methods of Dyeing; Batch dyeing – Winch, Jig, Padding, Package dyeing, Combination dyeing, machines used and process involved. Recent techniques inDyeing.

# Unit III (15Hours)

**PRINTING** –Introduction to printing, **\*differences between printing and dyeing**, preparation of fabric for printing – Cotton, Linen, Polyester, Wool and Silk, Methods of printing, preparation of printing paste, selection of thickening agents. Printing process, drying after printing, Dye stuff fixation, Final treatment.

# Unit IV (15 Hours)

**METHODS OF PRINTING** – Types, preparation of screen, printing process, Discharge printing

– chemicals used, process involved. Resist printing, batik printing, Tie and dye Process sequence and techniques used. - Direct printing, Block printing, Stencil printing. Recent developments in printing methods.

# Unit V (15 Hours)

**EFFLUENT TREATMENT** – Effluent, Introduction, types of effluent from textile unit, Characteristics and treatment of Textiles processing effluents. Effluent treatment processes- Primary, Secondary and Tertiary treatments. - Effluent management- Zero Liquid discharge process and Zero discharge hazardous chemicals. Recent trends in effluent treatment techniques. Introduction to sustainability and circularity in textile value chain.

# Self study

**Questions can be taken from self study portions also TEACHING METHODS**

Talk and Chalk method/ Google classroom /Power point presentation/ Seminar/ Discussion/Assignment/ Industrial Visit

# TEXT BOOKS

1. Wingate IB, (2006).*Textiles-Fabrics and their Selection*.Chennai: Allied Publishers.
2. Navneetkaur, (2010).*Comdex Fashion Design, VoI-I Fashion Concepts*. New Delhi: Tech Press.
3. SusheelaDantyagi, (2006*). Fundamentals of Textiles and Their Care.* Orient Longmann Ltd.

# REFERENCE BOOKS

1. E- Pellow, (2007).*Dyes and Dyeing.* Chandigarh: Abhishek Publications.
2. Ajay Kr. Gupta, (2005).*Textile Processing with Effluent Treatment.* New Delhi.
3. J.L. Smith, (2009).*Textile Processing, Printing, Dyeing, Finishing*.AbhishekPublications.
4. J.L. Smith, (2000).*Textile Processing*.Chandigarh: Abhishek Publications.
5. W.S. Murphy, (2007). *Textile finishing*.Chandigarh Murphy Publications.

# MAPPING

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| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | H | S | H |
| **CO2** | S | S | H | S | H |
| **CO3** | S | S | S | H | S |
| **CO4** | S | S | H | S | H |
| **CO5** | S | S | S | S | H |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.Pr.6- TEXTILE WET PROCESSING | | | |
| Batch 2022 - 2023 | Hours / Week 6 | Total Hours 75 | Credits 4 |

# Course Objectives

* To enable students get practical skill in basic preparatory process
* To familiarize with the principles of processing textiles
* To impart knowledge in textile dyeing and printing

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the principles and mechanism of fabric pre treatments |
| K2 | CO2 | Understanding various techniques of textile wet processing |
| K3 | CO3 | Implement fabric finishing process |
| K4 | CO4 | Determine the methods of finishing techniques for raw material |
| K5 | CO5 | Evaluate the processing techniques |

**Syllabus**

# LIST OF EXPERIMENTS:

1. **Preparation of samples for Pre-treatments -** Desizing, Scouring, Bleaching, Mercerizing and apply enzyme for any one of the processing.
2. **Prepare samples for Dyeing -** Direct dye, Sulphur dye, Vat dyes, Disperse dyes, Reactive dyes, Acid dyes, Basic dyes, Natural dyes (any one) with mordant application
3. **Prepare samples for Tie and Dye -** Methods – Tying, Tritic, Marbling, Object, Knotting, Stripes, checks, Bandhani and Shibori - Single colour/ Double colour/ Multi colour
4. **Prepare samples for Block Printing -** Vegetable / wooden blocks/ Nail blocks - All over design (single or double colour) and Border design (single or double colour).
5. **Prepare samples for Stencil Printing -** Create design for chest prints or neck or yoke designs with single or double colour.
6. **Prepare samples for Batik Printing -** Single colour, double colour and Multi colour
7. **Prepare samples for Screen Printing-**Single colour, double colour and Multi colour
8. **Preparation of a product –** Garment / Home Decors - using anyone of the above techniques

# TEACHING METHODS

Demonstration/Industrial Visit/ Power point Presentation / Product development /Google classroom

**TEXT BOOKS**

* 1. William. T. Brannt, (2008*). Dry cleaning, Scouring, Dyeing of Garments, Furs and Rugs*. Abhishek Publication.
  2. SusheelaDantyagi, (2006*). Fundamentals of Textiles and Their Care*. Orient Longmann Ltd.
  3. Wingate IB, (2006*). Textiles Fabrics and Their Selection*. Chennai :Allied Publishers.

# REFERENCE BOOKS

1. Navneetkaur, (2010).*Comdex Fashion DesignVol-I Fashion Concepts.*, New Delhi Dream Tech Press.
2. J L Smith, (2003). *Textile Processing.*Abhishek Publications. Chandigarh.
3. Sara J Radolph and Anna L Langford, (2002).*Textiles*.New Jersey Prentice Hall.
4. J.L. Smith, (2000).*Textile Processing*.Chandigarh .Abhishek Publications.
5. W.S. Murphy, (2007).*Textile Finishing*, Chandigarh.Abhishek Publications.

# MAPPING

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| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | H | S | S |
| **CO2** | S | H | S | S | H |
| **CO3** | S | H | M | H | H |
| **CO4** | S | S | S | S | S |
| **CO5** | S | S | S | H | H |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C Pr.7- APPAREL DESIGNING – MEN’S WEAR | | | |
| Batch  2022 - 2023 | Hours / Week  6 | Total Hours  90 | Credits  4 |

# Course Objectives

* To design garments for men’s wear
* To gain practical skill in drafting various patterns for men’s wear.
* To enable students to construct Men’s wear for selected design, calculate material consumption and cost of the finished garments.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the construction procedures for different men’s wear garments. |
| K2 | CO2 | Understanding the pattern drafting techniques of men’s garments. |
| K3 | CO3 | Applying the layout technique for efficient usage of material. |
| K4 | CO4 | Analyze the appropriated style, material, colour and embellishment for different occasion. |
| K5 | CO5 | Evaluating consumption of material, constructed garment and overall cost. |

**Syllabus**

* Designing, drafting and constructing the following garments with the given features.
* Construction of the garments based on any theme with specification sheet.
* Material requirement
* Required measurements – Direct measurement method
* Cost Calculation of the garment.

# CONSTRUCT THE FOLLOWING GARMENTS

1. **SB VEST-**Double sided, bound pocket.
2. **SHIRT** – Full open, Shirt collar, Patch pocket, Half / Full sleeve with cuff**.**
3. **PLEATED TROUSERS** – Pleats in front, Darts at back, Side pocket, Fly with button / zip
4. **KURTA** – Side pocket, Round neck, Half open with tailored placket, with / without kali
5. **PYJAMA** - Elastic/tape attached waist
6. **T- SHIRT** – Front half open, Zip attached, With collar
7. **TRACK SUIT** - Elastic waist bands and piping at the sides
8. **HOOD T-SHIRT** –With/ Without zipper placket
9. **BERMUDAS –** with elastic band, side / patch pocket

# TEACHING METHODS

Demonstration /Assignment/ Workshop / Google classroom

**TEXT BOOK**

* 1. Helen Joseph-Armstrong, (2014).*Pattern making for Fashion Design.* Dorling Kindersley Pvt Ltd.
  2. Alison Smith, (2009).*The Sewing Book*. Britain: Darling Kindersley Ltd.
  3. K R Zarapker, (2005).*Zarapkar System of Cutting*. New Delhi : Navneet publications.
  4. Raul Jewel, (2005).*Encyclopedia of Dress Making.* New Delhi: A.P.H. Publishing Corporation.

# REFERENCES

1. Gayatri Verma & Kapil Dev, (2005*). Cutting and Tailoring Course*. New Delhi :Asian Publishers.
2. Bety Hose good, (2003). New Edition, *The Complete Book of Sewing* London :Dorling Kindersley Limited.
3. Reader’s Digest Association, (2004). *Reader’s Digest Sewing Guide, Complete Guide for Sewing 13th Edition*. Pleasant Ville : The Reader’s Digest Association Inc.
4. Thangam Subramaniam, (2006).*Dress Making.* Chennai :Bombay tailoring and Embroidery college.

# MAPPING

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| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | H | S | S |
| **CO2** | S | H | S | S | H |
| **CO3** | S | H | M | H | H |
| **CO4** | S | S | S | S | H |
| **CO5** | S | S | M | S | H |

**S** – Strong **H** – High **M**– Medium **L** – Low

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| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.P.7- INTRODUCTION TO TECHNICAL TEXTILES | | | |
| Batch 2022 - 2023 | Hours / Week 6 | Total Hours 90 | Credits 4 |

# Course Objectives

* + To impart knowledge on fibers used for technical textiles
  + To enable the students to understand the classification of technical textiles
  + To familiarize them with application of technical textiles

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the Application of Technical Textiles |
| K2 | CO2 | Understanding the requirements of textile materials and its  application in various field |
| K3 | CO3 | Applying appropriate fibers and fabrics for developing technical  textile products |
| K4 | CO4 | Analyzing fibre properties for suitable end uses |
| K5 | CO5 | Assessing the properties of conventional and technical textiles. |

**Syllabus**

# Unit I (18 Hours)

**TECHNICAL TEXTILES:** Introduction, Definition and Scope of Technical textiles, Classification, Globalisation and Future of technical textiles industry, properties of fibres used in technical textiles and types of fibres used in Technical textiles – Natural, Viscose rayon, polyamide and polyester, polyolefin and High performance fibres.

# Unit II (18 Hours)

**AGRO TEXTILES** - Introduction, types, General properties and end uses. **GEO TEXTILES**

* Introduction, types, General properties and end uses and **BUILD TEXTILES** -Introduction, types, General properties and end uses.

# Unit III (18 Hours)

**MEDICAL TEXTILES** – Introduction, types, General properties and end uses, **SPORT TEXTILES**-Introduction, types, General properties and end uses and **HOME TEXTILES** – Introduction, types, General properties and \*end uses.

# Unit IV (18 Hours)

**PROTECTIVE TEXTILES**- Introduction, types, General properties and end uses, **SMART/ INTELLIGENT TEXTILES**-Introduction, types, General properties and end uses and **AUTOMOBILETEXTILES** -Introduction, types, General properties and end uses.

# Unit V (18 Hours)

**INDUSTRIAL TEXTILES** - Introduction, types, General properties and end uses. **PACKAGING TEXTILES**-Introduction, types, General properties and end uses and **ECOTEXTILES** - Introduction, types, General properties and end uses.

# \* Self study

**Questions can also be taken from self study portions TEACHING METHODS**

Google classroom / Power point presentation/Seminar/Discussion/Assignment/Industrial visit

# TEXT BOOKS

1. Anand and A.R.Horracks, (2006). *Technical Textiles*. Textile Institute.
2. A R Horrocks and S C Anand, (2000*). HandBook of Technical Textiles.*England

:Wood head Publishing Ltd.

1. M.L.Gulrajani, (2013*). Advances in dyeing and finishing of technical textiles*.Wood head publication.

# REFERENCE

1. A R Horrocks and S C Anand, (2016*). Handbook of Technical Textiles volume -1 Technical Textile processes. Second edition.* Wood head Publication.
2. ARHorrocks and SC Anand, (2016).*Handbook of Technical*

*Textiles. volume -2.Technical Textile Applications.SecondEdition.* Woodhead Publication.

1. R.Alagirusamy and A.Das, (2010*).Technical Textile yarns Industrial and Medical Applications.*Woodhead publication.
2. R.A.Chapman, (2010).*Application of Non Wovensin Technical Textiles.*Woodhead Publications.
3. R.Senthil Kumar,(2014).*Textile structures in Technical Textiles*. Platform: Create Space Independent Publishing.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | H | H |
| **CO2** | S | S | S | S | S |
| **CO3** | H | S | H | S | S |
| **CO4** | H | S | H | M | S |
| **CO5** | S | S | S | S | S |

**S** – Strong **H** – High **M**– Medium **L** – Lo

# Sub. Code: 22UCD508

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| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.P.8- TEXTILE TESTING AND QUALITY  CONTROL | | | |
| Batch 2022 - 2023 | Hours /Week  5 | Total Hours 75 | Credits 3 |

**Course Objectives**

* + To enable students to understand the need and importance of testing
  + To familiarize students with the different testing equipments, their principles, quality standards and test methods.
  + To acquaint the students with the knowledge of Quality control in textile testing

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the concepts of textile testing and quality control |
| K2 | CO2 | Understanding the principles of testing to meet the standards |
| K3 | CO3 | Applying testing methods for achieving the quality |
| K4 | CO4 | Inspecting quality from raw material to product |
| K5 | CO5 | Valuing the techniques used for quality control. |

**Syllabus**

# Unit I (15 Hours)

**TEXTILE TESTING** – Introduction to Textile testing and fibre testing, Need for textile testing, Objectives of testing - Research, Selection of raw materials, Process control, Process development and Product testing. **FIBRE IDENTIFICATION-** Cotton, Silk, Wool, Nylon, Polyester, Linen, Rayon, Jute, Modal -Microscopic method, Flame test, Chemical test.

# Unit II (15 Hours)

**TESTING OF YARN** –Yarn Fineness, Count of the yarn using wrap reel and Beesley’s balance, Yarn Crimp, Yarn appearance, Yarn Hairiness, yarn Twist, Lea strength, Single yarn strength and Elongation.

# Unit III (15 Hours)

**TESTING OF FABRIC** - GSM, Weight, Thickness and Stiffness.Shrinkage, Strength and Elongation, Drapabilty, Abrasion, Color matching cabinet and Fabric Count. ABSORBENCY AND COLOUR FASTNESS TEST-Absorbency tests –**\*Sinking**, Capillary Test, and Drop Test, Grey scale and its uses, Colour fastness – Sunlight, Crocking, Pressing, Perspiration and Laundering.

# Unit IV (15 Hours)

**QUALITY CONTROL AND QUALITY INSPECTION**- Definition, Scope, Functions and Importance of Quality. Quality Control and Quality Assurance. Total Quality Management: Meaning and Definition – Objectives – Tools & techniques, Principles, quality trilogy, 4 pillars of TQM, Kaizan concept and concepts of TQM, QUALITY INSPECTION – Definition, Inspection loop, Raw material inspection, Fiber, Yarn, Fabric. In-process inspection - Spreading, - Inspection in Cutting, Sewing, Pressing / finishing. Final inspection - Size, Measurement and Dress from fitting, AQL, Zero defect in final inspection. QUALITY INSPECTION OF ACCESSORIES- Sewing thread, Zippers, Buttons, Buckles and Snap fasteners and Interlinings.

# Sub. Code: 22UCD508

**Unit V (15 Hours)**

**QUALITY STANDARDS AND QUALIITY TOOLS** – Introduction, Year of establishment, Benefits of standards, Levels of standards, Sources of standards, Functions of the standards, Advantages of implementing these standards and ASTM, BIS, AATCC, ISO 9000 and ISO 14000 series. Introduction to Eco standards. QUALITY TOOLS **-** Seven tools to quality - Cause and effect, Checklist, Control chart, Flow hart, Histogram, Pareto Chart, and Scatter diagram .

# \* Self study

**Questions can also be taken from self study portions TEACHING METHODS**



/ Google

classroom / Industrial Visit

# TEXT BOOKS

1. Navneetkaur, (2010*).Comdex Fashion Design, Vol-I Fashion Concepts*New Delhi

:Dream Tech Press.

1. Ajay Jindal and Rakesh Jindal, (2006).*Textile Raw Materials*. Abshishek Publications.
2. Angappan, P and R.Gopalkrishnan, (2003).*Physical testing*- SSM institute of Textile Technology Students Co-operative stores Ltd.
3. Basker S, (2017), *Total Quality Management*, Anuradha Publications, Kumbakonam.

# REFERENCES

1. Ruth Clock and Grace Kunz., (2000).*“Apparel Manufacture – Sewn Product Analysis”*. Upper Sadle River Publications.
2. C.W. Pellow, (2000*).Dyes and Dyeing*. Abhishek publication.
3. Kothari V. K., (1999).“*Testing and Quality Management”*. *Progress in Textile Technology Vol.1*. New Delhi: IAFL Publications.
4. Saville B.P.,(1999).*“Physical Testing of Textiles”,* Textile Institute, Manchester.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | S | S |
| **CO2** | S | H | S | S | S |
| **CO3** | S | H | H | S | S |
| **CO4** | S | M | H | S | S |
| **CO5** | S | S | S | M | M |

**S**–Strong **H**–High **M**–Medium **L** –Low

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| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper -** C.Pr.8 TEXTILE TESTING | | | |
| Batch 2022 – 2023 | Hours / Week 5 | Total Hours 75 | Credits 4 |

# Course Objectives

* To impart practical knowledge on testing of fibers, yarns and fabric.
* To familiarize students with the different testing equipment.
* To understand methods and techniques used to analyze textile fibers, yarns and fabrics for end use performance.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering microscopic view of different fibres |
| K2 | CO2 | Understanding the importance of textile testing |
| K3 | CO3 | Applying different methods for testing textile raw material |
| K4 | CO4 | Analyzing the properties of fiber, yarn and fabric |
| K5 | CO5 | Evaluating the quality of raw material to meet the standards |

**Syllabus**

# LIST OF EXPERIMENTS

* 1. Analysis and Identification of Vegetable fibre- Microscopic view, burning test and chemical test - Cotton, Linen, Jute.
  2. Analysis and Identification of Animal fibre- Microscopic view, burning test and chemical test -Silk and Wool.
  3. Analysis and Identification of Manmade Fibre- Microscopic view, burning test and chemical test - Polyester, Rayon, Nylon.
  4. Testing of Yarn for - Lea Strength, and Elongation, Yarn count using Wrap reel, Beesley’s yarn count, Yarn Twist and Crimp Testing
  5. Testing of Fabric for –GSM, Fabric count, Stiffness, Crease recovery, Drape test and Shrinkage.
  6. Testing Absorbency of the Fabric by **-** Drop test, Sinking, and Capillary rise test.
  7. Testing Colorfastness of the Fabric by - Color matching cabinet, Colorfastness to Sunlight, Washing, and Pressing – Wet and Dry, Crocking - Dry and Wet, Colour fastness to Perspiration, Acidic and Alkaline.

# TEACHING METHODS

Demonstration/ Industrial Visit / Google classroom

**TEXT BOOKS**

1. Angappan, P and R.Gopalkrishnan,( 2003*). Physical testing.* SSM Institute of Textile Technology Students Co-operative stores Ltd.
2. Ajay Jindal and Rakesh eJindal, (2006*).Textile Raw Materials*.Abshishek Publications.
3. Handbook of Textile Testing and Quality Control, 2011, [Elliot B. Grover](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Elliot%2BB.%2BGrover&search-alias=stripbooks), [D.S.](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=D.S.%2BHamby&search-alias=stripbooks) [Hamby](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=D.S.%2BHamby&search-alias=stripbooks) , Wiley India Edition.

# REFERENCES

1. AridamBasu,( 2006). *Textile testing : Fiber, Yarn, Fabric*,.South Indian Textile research Association.
2. Navneetkaur, (2010).*Comdex Fashion Design,Vol-I Fashion Concepts.*New Delhi

:Dream tech Press.

1. [Billie J. Collier,](https://www.amazon.in/Billie-J-Collier/e/B001ITWXD4/ref%3Ddp_byline_cont_book_1) [Phyllis G. Tortora,](https://www.amazon.in/Phyllis-G-Tortora/e/B001ITRJQ0/ref%3Ddp_byline_cont_book_2) (2000*). Understanding Textiles, 6th edition*. London: Collier Macmillan Publishers.
2. Amutha K, (2016*). A practical Guide to Textile Testing*. Wood head Publishing India in Textiles.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | H | M | H |
| **CO2** | H | S | H | H | S |
| **CO3** | S | S | H | H | H |
| **CO4** | S | S | S | M | M |
| **CO5** | H | H | M | S | S |

**S** – Strong **H** – High **M**– Medium **L** – Low

# Sub. Code: 22UCD5CT

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| **Programme Code:** 18 | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the paper-** C.Pr.9 COMPUTER AIDED DESIGN -I | | | |
| Batch 2022 – 2023 | Hours / Week 6 | Total Hours 90 | Credits 3 |

**Course Objectives**

* + To impart computer skill to the students in designing
  + To enable the students to acquire knowledge about how to design garment and develop different styles
  + To impart knowledge in computerized Pattern drafting, Grading, Marker planning & Marker Efficiency

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the tools and its functions used for CAD designing |
| K2 | CO2 | Understanding the concept used in designing fashion garments |
| K3 | CO3 | Applying computer skill in designing |
| K4 | CO4 | Analyzing appropriate tool for designing |
| K5 | CO5 | Evaluating the efficiency and presentation |

**Syllabus**

1. **SOFTWARE APPLICATION-** Using Corel Draw - Creating Small Designs / Motifs - Designs for handkerchief, Neckline designs and T-shirt print, logos for branded companies and creating care labels for garments.
2. Croquie designing for Boy / Girl, Male / Female

# APPLICATION OF THE ELEMENTS OF DESIGN IN THE GARMENTS -

Line, Shape, Form, Colour, Size, Texture.

# APPLICATION OF THE PRINCIPLES OF DESIGNIN THE GARMENTS -

Balance, Harmony, Emphasis, Proportion and Rhythm

1. **APPLICATION OF THE COLOUR HARMONY IN THE GARMENTS -** Monochromatic colour harmony, Analogous colour harmony, Complementary- Direct, Double, Spilt Complementary, Triad colour harmony, Tetrad colour harmony, Neutral colour harmony and preparation of E- Portfolio.
2. **CAD IN PATTERN MAKING -** CAD in Pattern drafting, grading and marker plan and maker efficiency for kid’s wear – Jabla, Frock, Midi and Midi Tops.

# TEACHING METHODS

Demonstration/ Assignment/Industrial visit / Google classroom

**TEXTBOOK**

* 1. M. Kathleen Colussy, Steve Green berg, (2005) *Rendering Fashion Fabric and Prints.*

Pearson education.

* 1. LP Editorial board,( 2009).*Corel DrawX4*. LP Editorial board. Law point Publication.
  2. LP Editorial board, (2008).*Corel DrawX3.*LP Editorial board. Law point Publication.

**Sub. Code: 22UCD5CT**

# REFERENCE

1. Gary David Bouton, (2008).*Corel Draw: The official Guide*

McGraw-Hill Osborne Media.

1. Zarapkar, (2005).*Zarapkar System of Cutting.*New Delhi:Navneet Publications.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | S | S | S | S |
| **CO2** | H | S | S | S | S |
| **CO3** | S | S | S | H | S |
| **CO4** | S | S | S | H | H |
| **CO5** | H | S | M | S | S |

**S** – Strong **H** – High **M**– Medium **L** – Low

# Sub. Code: 22UCD609

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code:** B.Sc. | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.P.9 VISUAL MERCHANDISING | | | |
| Batch 2022 – 2023 | Hours / Week 5 | Total Hours 75 | Credits 3 |

**Course Objectives**

* To enable the students to know the components of the store
* To impart knowledge on the types of displays
* To impart the skills on selecting materials for successful display

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the concepts of Visual merchandising |
| K2 | CO2 | Understanding the concepts of display in store |
| K3 | CO3 | Applying the techniques of visual merchandising |
| K4 | CO4 | Analyzing the materials and techniques to be used in visual Merchandising for successful display |
| K5 | CO5 | Examining different methods of floor planning and fixtures |

**Syllabus**

# Unit I ( 15 Hours)

**MERCHANDISING AND DISPLAY BASICS -** Merchandising - Definition, Terms used, Types - Fashion Merchandising and visual merchandising- Role of Merchandiser, Functions, Qualities and problems of Merchandiser, Coordination with various Departments- Buying House and Buying Agency. DISPLAY BASICS -Definition, why do we display. Colour and Texture, Line and Composition, Light and Lighting, Types of Display and Display settings- realistic, environmental, vignette, fantasy, abstract and build up settings.

# Unit II ( 15 Hours)

**STORE EXTERIOR AND INTERIOR -** The exterior of store signs, marquees, outdoor lighting, banners, planters, awnings, windows in store front design, store Interiors - focal points, island displays, platforms the runway, the cat walk, counters and display cases, museum cases, Demonstration cubes, Ledges, shadow boxes, enclosed displays, fascia, T- walls and 100 percent Traffic areas.

# Unit III ( 15 Hours)

**THINGS USED FOR SUCCESSFUL DISPLAYS -** Mannequins -Types, Realistic, semi realistic semi abstract, abstract, and headless mannequins, Alternatives to the mannequin three quarter forms, articulated artists figures, dress forms, cut out figures, inflatable’s, drapers, hangers, lay down techniques, pinup techniques, flying techniques

# Unit IV (15 Hours)

**ATTENTION GETTING DEVICES ,FAMILIAR SYMBOLS AND SIGNAGE -**

Contrast, scale, repetition, Humor, mirrors, nostalgia, motion, surprise and shock, props familiar, symbols anniversaries, career fashions, **\*back to school and college,** bridal, festive occasions, clearance sales. Graphics and signage - graphics definition, graphics in retail stores signage, Drawings, size and types of signs and cards, Techniques for preparing signage, other signage technique.

# Sub. Code: 22UCD609

**Unit V (15 Hours)**

**RELATED AREAS OF VISUAL MERCHANDISING -**Point of Purchase, its uses, Exhibit Types: permanent exhibits, temporary exhibits, travelling exhibit, outdoor exhibit, , Fashion Journalism, Fashion Journals, Qualities and responsibilities of fashion journalist, fashion shows, Types of fashion shows, Event management, Role of event manager and steps involved in event management. Application of Visual Merchandising in displaying Accessories and Furnishing Career opportunities in Visual Merchandising.

# Self study

**Questions can also be taken from self study portions TEACHING METHODS**

Talk and chalk/ Google classroom /Power point presentation/Seminar/Quiz/Discussion/Assignment / Visit to Mall/ Boutique.

# TEXTBOOK

* 1. Martin M. Pegler, (2011*). Visual Merchandising and Display*. Sixth Edition. Bloomsbury Academic.
  2. Helen Goworek, (2007*). Careers in Fashion and Textiles*. Blackwell Publishing.
  3. Martin M. Pegler, (2006).*Visual Merchandising and Display.* Fifth Edition, New York :Fair Child Publications.

# REFERENCES

1. Jay Diamond and Ellen Diamond, (2008) .*The world of Fashion, Fourth Edition.*

New York : Fairchild publications.

1. Manmeet Sodhia and Poojachatley, (2001).*Fashion Marketing And Merchandising* .
2. Gini Stephens Frings, (2002).*Fashion from Concept to Consumers 7th Edition*. Pearson Education.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | S | S |
| **CO2** | S | H | S | S | S |
| **CO3** | S | H | S | S | S |
| **CO4** | H | S | S | H | S |
| **CO5** | S | S | S | M | M |

**S** – Strong **H** – High **M**– Medium **L** – Low

**Sub. Code: 22UCD6CU**

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.Pr.10 COMPUTER AIDED DESIGN- II | | | |
| Batch 2022 - 2023 | Hours / Week 6 | Total Hours 90 | Credits 4 |

# Course Objectives

* + To impart computer knowledge in Fashion and garment designing
  + To understand the various tools and implement in garment designing
  + To equip the students with basics of computerized pattern making and grading

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Recollecting the tools used in fashion designing |
| K2 | CO2 | Understanding the sequential drafting procedures |
| K3 | CO3 | Applying computer skill in designing |
| K4 | CO4 | Analyzing appropriate tool for designing |
| K5 | CO5 | Evaluating the efficiency and presentation |

**Syllabus**

1. Introduction to GIMP and Their Functions.
2. Drafting Basic patterns for ladies’ apparel. Pattern grading for ladies’ apparel. (Midi& top – Salwar, Kameez – Full Gown). Marker planning and marker efficiency for ladies’ apparel
3. Basic patterns for Men’s apparel. Pattern grading for Men’s apparel (T-shirt, Bermuda’s-Kurta, Pyjama- Pant, Full Sleeve Shirt). Marker planning and efficiency for Men’s apparel
4. Garment designing and Preparation of E-Portfolio for summer wear, Spring wear, Autumn wear and winter wear (Men, Women & Children’s) with suitable accessories.
5. Garment designing and Preparation of E-Portfolio for Party wear, Casual wear, Sports wear (Men & Women and Children) and Bridal wear for men & women with suitable accessories.

# TEACHING METHODS

Demonstration/Google classroom / PowerPoint presentation

**TEXTBOOK**

1. M. Kathleen Colussy, Steve Green Berg, (2005). Rendering Fashion Fabric and Prints.

Pearson Education, Inc.

1. LP Editorial board, (2009). *Corel DrawX4.*Law point.
2. Alex Harford, (2000).*GIMP Essential Reference.* New Delhi: Techmedia Publication.

# REFERENCE

1. Gary David Boston,( 2008).*Corel Draw: The official Guide.* McGraw-Hill Osborne Media.
2. Zarapkar,(2005*). Zarapkar System of Cutting*. New Delhi : Navneet Publications.
3. *Corel DrawX3*. LP Editorial board (2008). Law point.

**Sub. Code: 22UCD6CU**

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | S | S | S | S |
| **CO2** | H | S | S | S | S |
| **CO3** | S | S | S | H | S |
| **CO4** | S | S | S | M | M |
| **CO5** | H | H | M | S | S |

**S** – Strong **H** – High **M**– Medium **L** – Low

# Sub. Code: 22UCD6CV

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** C.Pr.11 FASHION ACCESSORY DESIGNING | | | |
| Batch  2022 - 2023 | Hours / Week  6 | Total Hours  90 | Credits  4 |

**Course Objective**

* + To impart knowledge on Fashion Accessories.
  + To provide opportunity for skill development in designing accessories and jewelry.
  + To bring out Students Creativity in designing fashion accessories.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the materials used in jeweler making |
| K2 | CO2 | Understanding the concepts of accessory making |
| K3 | CO3 | Applying different techniques to prepare fashion accessories |
| K4 | CO4 | Analyzing the product, design and patterns |
| K5 | CO5 | Evaluating the style and price |

**Accessories and jewels to be designed with the following criteria**

Design Research, Experiment with materials, Survey, Design Development, Surface ornamentation and Final Presentation.

# PREPARE THE SAMPLES BASED ON THE THEME

1. Introduction to Fashion Accessories and Jewellery types
2. Uses of fashion accessories for different occasions.
3. Prepare an album for Fashion Accessories with collection of Pictures
4. Chains –Hip chain and Neck chain
5. Earring and Head Ornaments
6. Bangles, Bracelet and finger ring
7. Anklets and toe ring
8. Hand bag, Tie, Belt and Slippers / Shoes
9. Hat, Wallet and Phone Pouches
10. Scarves, Stoles and Shawls

# TEACHING METHODS

Demonstration/Workshop/Visit to Accessories and jeweler showroom / Google Classroom

**TEXTBOOKS:**

1. Phyllis, (2005*).Tortora Encylopedia of Fashion Accessories*. OM Books International Pvt.ltd.
2. G.H Ghosrye, (2003).*Indian Costume,*Popular Books Pvt ltd.
3. Jay Diamond, Ellen diamoner, (2007*).Fashion Accessories & Home Furnishing*, Person Education.

# REFERENCE BOOKS

1. Hanlyn octopus, (2001). Professional Skills made easy. New York: Octopus publishing group.
2. Sapna Chadah, (2002).*Easy to make book vol: 1vol:18*. New York Octopus Publishing group .

**Sub. Code: 22UCD6CV**

1. Valerie Campbell – Harding, (2004).*Machine Embroidery – Stitch patterns,* Singapore

:Kyodo Printing Co. Pvt. Ltd.

1. Navneet kaur, 2010, *Comdex Fashion Design, Vol-I Fashion Concepts,* New Delhi

:Dream tech Press.

1. Olivier Gerval, (2010*). Fashion Accessorie*s, Fire fly books.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | M | M |
| **CO2** | H | H | M | S | S |
| **CO3** | H | S | H | S | S |
| **CO4** | S | S | S | S | S |
| **CO5** | S | S | S | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

# Sub. Code: 22UCD6Z1

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-**PROJECT WORK- FASHION PORTFOLIOPRESENTATION | | | |
| Batch 2022 - 2023 | Hours / Week 6 | Total Hours 90 | Credits 5 |

**Course Objectives**

* To enable the students to design for theme
* To impart the skills on selecting materials for designing and construct the garments for the same
* To enable students to prepare and present portfolio

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the concept of portfolio presentation |
| K2 | CO2 | Understanding the importance of fashion portfolio |
| K3 | CO3 | Applying designing skills for personality and occasion |
| K4 | CO4 | Analyzing the techniques used for presentation |
| K5 | CO5 | Evaluating the overall presentation |

**Syllabus**

# Portfolio development and Presentation

To be planned for any theme/season/occasion - Forecasting colours, Pattern and

* Designer profile
* Theme Board
* Mood Board
* Client Board
* Story Board
* Trend forecast board
* Colour Board
* Fabric Board
* Trim Board
* Illustration Board
* Mock-up Board
* Pattern development and Garment construction
* Final presentation
* Number of garments in a collection – 4 garments.
* To prepare E – Portfolio for the garments designed and constructed.

# TEACHING METHODS

Reviews / Lectures/ Workshops / Fashion Show/ Exhibit / Google classroom

**TEXT BOOK**

* 1. Alison Smith, (2009*). The Sewing Book*. Britain : Darling Kindersley Ltd.
  2. K R Zarapker, (2005*).Zarapkar System of Cutting.* New Delhi: Navneet publications.

# Sub. Code: 22UCD6Z1

* 1. Raul Jewel, (2005*). Encyclopedia of Dress Making*. New Delhi: A.P.H. Publishing Corporation.

# REFERENCES

1. Gayatri Verma & Kapil Dev,( 2005*).Cutting and Tailoring Course.* New Delhi : Asian Publishers.
2. The Reader’s Digest Association, (2004).*Reader’s Digest Sewing Guide, Complete Guide for Sewing, 13th Edition.* Pleasant Ville: The Reader’s Digest Association Inc.
3. Thangam Subramaniam, (2006*). Dress Making*- Bombay tailoring and Embroidery College. Chennai.
4. Kathryn Hagen,(2005*). Fashion Illustration for Designers.* Upper saddle river, New Jersey. Pearson education, publication .

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | H | S |
| **CO2** | S | S | S | S | H |
| **CO3** | S | H | S | S | S |
| **CO4** | S | S | S | M | M |
| **CO5** | H | H | M | S | S |

**S** – Strong **H** – High **M**– Medium **L** – Low

# Sub. Code: 22UCD1AL

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| Title of the Paper- ALLIED.Pr.1-FASHION SKETCHING | | | |
| Batch 2022 - 2023 | Hours / Week 5 | Total Hours 75 | Credits 5 |

**Course Objectives**

* To enable the students to understand different sketching mediums.
* To enable the students to gain practical skill in rendering fabric texture.
* To enable the students to gain skill in drawing free hand croquies

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the shading techniques |
| K2 | CO2 | Understanding the importance of elements and principles of design in fashion sketching |
| K3 | CO3 | Illustrating different features by using various mediums and shading Techniques |
| K4 | CO4 | Applying garment detailing techniques |
| K5 | CO5 | Evaluating the presentation of the uniqueness |

**Syllabus**

# Illustrate the Particulars

1. Sketching on any two types of drawing boards and various drawing and sketching medium – Pencils, Ink, Charcoal, Brushes, Crayons, Water colors and Poster colours.
2. Learning the Fundamental Strokes and Shading techniques.
3. Design- Introduction and types of design, Enlarging and reducing the design or motifs.
4. Sketching The Elements of Design for Backdrop- Line, Shape/Form, Colour - Prangs Colour chart, Size and Texture.
5. Sketching the Principles of Design for Backdrop**-** Balance, Harmony, Emphasis, Proportion, Rhythm.
6. Rendering- Textured material (any two) –Prints –Checks –Plaids on the Croquie.
7. Sketching different textures- denim, chiffon, velvet, knitted, wool, felt, fur, quilting and lace.
8. Sketching different garment components –Necklines, Collars, Sleeves, Skirt and Pants
9. Drawing Stick, flesh and Free hand croquie for Boy / Girl, Men / Women.

# TEACHING METHODS

Demonstration /Workshop/Visit Art Galleries / Google classroom

**TEXT BOOKS**

1. Raviraj, (2007*). Pencil Shading, Basic Techniques.*Chennai: New Century Book House Pvt Ltd.
2. PoojaKhurana& Monika Sethi (2007). *Introduction to Fashion Technology*. NewDelhi: Firewall Media Pvt.Ltd.
3. RanjanaSinghal and KannakiBharali, (2010*). Fashion Rendering*. Noida: Om books Internationals.

# REFERENCE BOOKS

1. PundalikVaze(2002).*Draw and Paint,I Edition.*Pune:Jyotsnaprakashan.
2. GopalNandurkar(2004).Colurpencil,RahulDeshpande, I Edition. Pune - JyotsnaPrakashan.
3. BinaAbling, (2005). *Fashion Sketch Book. 4th Edition.* New Delhi: Om Books International.

# Sub. Code: 22UCD1AL

1. Steven Stipelman ,(2005*).Illustrating Fashion Concept to Creation*,2nd

edition,Newyork: Fairchild publication.

1. Kathryn Hagen, (2005*). Fashion Illustration for Designer.*Upper saddle river New Jersey:Pearson education, Inc., publication.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | S | H | S | S |
| **CO2** | H | S | H | S | S |
| **CO3** | S | S | H | H | S |
| **CO4** | S | S | S | S | M |
| **CO5** | H | S | M | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

# Sub. Code: 22UCD2AM

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper -** Allied Pr.2 SURFACE ORNAMENTATION | | | |
| Batch 2022 - 2023 | Hours / Week 5 | Total Hours 75 | Credits 5 |

**Course Objectives**

* To impart practical knowledge in various surface ornamentation techniques
* To equip the students to analyze suitable surface ornamentation used on different product

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Recalling various colour schemes and their application in embroidery stitches |
| K2 | CO2 | Understanding to express their creative ideas through embroidery stitches |
| K3 | CO3 | Applying different forms of surface embellishment techniques |
| K4 | CO4 | Analyzing suitable fabric embellishments for end products |
| K5 | CO5 | Evaluating material consumption and cost of the product |

**PREPARE THE FOLLOWING SAMPLES**

# Selection of Materials, Tools and Equipment used, Design Sources, Methods of transferring designs.

1. **Preparing samples for Basic Hand embroidery -** Running**,** Chain, Feather, Stem, Fishbone, Fly, Satin, Herringbone, Lazy-daisy, French knot, Bullion knot and Buttonhole, Aari embroidery, Ribbon embroidery, and Plush work.
2. **Preparing samples for Machine Embroidery-** Straight, Granite, Cording, Satin and Long & Short.
3. **Preparing samples for Trims and Decorations-** Mirror, Beads, Sequins, Zardosi, Stone work, Flocking, and Fabric painting - any 2 types, Knotting, Braiding, Macramé, Fringes and Tassels, Pompons, Crochet – one technique.
4. **Preparing samples for Fabric Manipulation Techniques -** Smocking, Cutwork, Quilting, Drawn thread work, Patchwork and Appliqué
5. **Preparing samples for Indian Traditional embroidery -** Kashida of Kasmir, Phulkari of Punjab, Chamba Rumal of Himachal Pradesh, Kashida of Bihar, Kantha of Bengal, Kasuti of Karnataka, Chikankari of Uttarpradesh, Kutch of Gujarat.

# TEACHING METHOD

Demonstration/Workshop / Videos / Unit visit / Google classroom

**Sub. Code: 22UCD2AM**

# TEXT BOOKS

1. Navneetkaur, (2010).*Comdex Fashion Design.Vol-I Fashion Concepts*New Delhi

:Dream tech press.

1. ManmeetSodhia ,(2001).*Dress Designing*. Publishiers New Delhi: Kalyani.
2. Shailaja, (2006).*Surface Designing For textile Fabrics*, D. Naik Jacquie A.Wilion Publisher.

# REFERENCE BOOK

1. PremlatheMullick,(2007).Text Book Of Home Science, New Delhi:KalyaniPublishiers.
2. Reader’s Digest Sewing Guide, (2004*). Complete Guide for Sewing, 13th Edition.*, Pleasant Ville -The Reader’s Digest Association Inc.
3. Dr. Paul,(2004).*Traditional Indian and Textiles*. Chandigarh. Abhishek Publications.
4. Jean Ray Laury, (2000).*Applique Stitches*. New York.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | S | H |
| **CO2** | H | S | S | S | S |
| **CO3** | H | S | S | S | S |
| **CO4** | S | S | S | S | M |
| **CO5** | H | S | M | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

# Sub. Code: 22UCD3AN

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper** - Allied Pr.3: DRAPING FUNDAMENTALS | | | |
| Batch 2021 – 2022 | Hours / Week 6 | Total Hours 90 | Credits 5 |

**Course Objectives**

* To enable the students to understand the concept of draping
* To enable the student to develop the skill in making patterns through draping.
* To acquire the knowledge in interpretation of the design.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the concept and create innovative designs through draping |
| K2 | CO2 | Understanding the needs and tools for draping |
| K3 | CO3 | Implementing three dimensional design ideas through draping of muslin on a body form |
| K4 | CO4 | Analyzing the process of positioning and pinning fabric on a dress form to develop the structure of a garment design |
| K5 | CO5 | Evaluating the final appearance |

**Syllabus PREPARE THE FOLLOWING SAMPLES**

1. Draping techniques, tools and measurements, Preparation of fabric for draping, seam allowances, marking and tracing.
2. Introduction of fullness: gathering, pleats, tucks, darts, flounce, Godets and flare.
3. Bodice styles: making basic front and back,
4. Draping of Sleeve- puff at top and bottom and raglan,
5. Draping of Pockets – Patch and side seam pockets
6. Neckline- cowls and halter neck
7. Plackets- Two piece and Tailored plackets
8. Collar- peter pan, Shirt collar
9. Draping of Upper Garment for Men / Women- Shirt / Tops
10. Draping of Lower Garment for Men / Women – Pant / Skirt

# TEACHING METHODS

Demonstration/ Workshops / Google classroom

**TEXTBOOKS**

1. Helen Jaffa and NurieRelis,( 2009).*Draping for Fashion Design, fourth edition,*New Delhi : Pearson Education Inc, Prentice Hall Dorling Kinder Sley Pvt. Ltd.
2. Hilde Jaffe,Pearson , ( 2011).*Draping for Fashion Design*. New Delhi.
3. Jaffe,(2012).*Draping for fashion Design*.Relils, New Delhi: Sonali Publication.

# REFERENCES

1. Helen Joseph Armstrong. (2008). *Draping for Apparel* Design Second Edition. , New York: Fair child Publication, Inc.
2. [Connie Amaden- Crawford](https://www.google.co.in/search?tbo=p&tbm=bks&q=inauthor%3A%22Connie%2BAmaden-Crawford%22), (2012*).The Art of Fashion Draping,* Bloomsbury Academic.
3. [Karolyn Kiisel,](https://www.google.co.in/search?tbo=p&tbm=bks&q=inauthor%3A%22Karolyn%2BKiisel%22) (2013*). Draping: The complete course*. Laurence King Publishing.
4. [Hilde Jaffe](https://www.google.co.in/search?tbo=p&tbm=bks&q=inauthor%3A%22Hilde%2BJaffe%22)and [Nurie Relis,](https://www.google.co.in/search?tbo=p&tbm=bks&q=inauthor%3A%22Nurie%2BRelis%22) (2009*). Draping for Fashion Design. Fourth edition*. Pearson/Prentice Hall.
5. [Annette Duburg,](https://www.google.co.in/search?tbo=p&tbm=bks&q=inauthor%3A%22Annette%2BDuburg%22) [Rixt van der Tol,](https://www.google.co.in/search?tbo=p&tbm=bks&q=inauthor%3A%22Rixt%2Bvan%2Bder%2BTol%22) (2010). *Draping: Art and Craftsmanship in Fashion Design*. ArtEZ Press.

# Sub. Code: 22UCD3AN

**MAPPING**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | H | S |
| **CO2** | S | S | S | S | M |
| **CO3** | H | S | M | S | S |
| **CO4** | S | S | S | S | H |
| **CO5** | S | S | H | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

# Sub. Code: 22UCD4A1

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| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** Allied P.1: BOUTIQUE MANAGEMENT | | | |
| Batch 2022 - 2023 | Hours / Week 5 | Total Hours 75 | Credits 4 |

**Course Objectives**

* To managing a small-scale business establishment
* To implementation of design and marketing their brands
* To understand the marketing research and promotion

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the fundamentals of fashion design |
| K2 | CO2 | Understanding the concepts of boutique management |
| K3 | CO3 | Applying the new ideas for a business |
| K4 | CO4 | Analyzing the market research for promoting business |
| K5 | CO5 | Assessing SWOT to run a boutique |

**Syllabus**

# Unit I (18 Hours)

How to start a boutique, creating a business plan, finding an ideal location, financial planning. Designing your store, Boutique’s brand – choosing a name and tag line, developing your brand and building your website.

# Unit II (18 Hours)

Boutique design – key elements of a retail store, layouts – brick and motor and mobile layouts, display fixtures. Government norms to run a boutique, interior designing, sourcing of raw materials.

# Unit III (18 Hours)

Buyer supplier relationships, consumer relationship, tips and tricks to attract customers. Traits of a successful owner, important and helpful qualities of a boutique owner, speciality to consider in your boutique.

# Unit IV (18 Hours)

Running your boutique- arranging the products, effective sales technique – greeting customers, making the sale, the little extras, store operation – handling cash, security issues, taking inventory, setting hours and policies. Essential technology to run a boutique and labour management and warehouse.

# Unit V (18 Hours)

Managing your staff – scheduling, good communication, evaluating staff performance. Attracting customers – paid advertising, free publicity, word of mouth, customer files, and your website, trunk and fashion sales having a sale. Quality control, research and development and analysis, marketing and promotion, **\*maintenance of boutique.**

# Self study

**Questions can be taken from self study portions also** **TEACHING METHODS**

Power point presentation/Seminar/Discussion/Assignment/Visit to Boutique / Google classroom

**Sub. Code: 22UCD4A1**

# TEXT BOOKS

1. Briana Stewart, (2014*). Opening a Boutique Store: How to Start Your Own Boutique.*

Bull City Publishing.

1. Tag Goulet, ( 2011*). Fab Job Guide to Become a Boutique Owner,* Debbra Mikaelsen, Catherine Goulet, Fab Job Incorporated.
2. Sunita,( 2009*). Management Practices of Boutique Enterprise*.

# REFERENCE BOOKS

1. Christy Wright, (2017).*Business Boutique*. Ramsey press.
2. Alison Jones, (2013).*Marketing ideas for the clothing Boutique Business*. First Edition. Elmsbury Publisher.
3. Jennifer Lynne Mathews, (2009*). Fashion Unravelled: How to start, run and manage an independent Fashion Label*.
4. Emily A, (2015).*Ultimate Boutiqu*e, Benson publication.
5. Chiaffarono, (2015*).Progressive Business Plan for a Bridal Boutique*. 2nd Edition. Progressive Business Consulting Inc. Publication.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | S | S |
| **CO2** | S | H | H | S | S |
| **CO3** | S | S | S | S | S |
| **CO4** | S | S | S | S | S |
| **CO5** | H | S | M | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| --- | --- | --- | --- | --- |
| **Programme Code:18** | B.Sc. COSTUME DESIGN AND FASHION | | | |
| Batch 2021 – 2022 | Major Elective Practical- HOME FURNISHING | Hours/Wee  k6 | Total Hours 90 | Credits 5 |

# Course Objectives

* + To enable students to gain skill in designing home furnishing
  + To impart skill in construct different household products
  + To gain knowledge in material consumption and estimating the cost of soft furnishing

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Recollecting different types of home furnishing materials |
| K2 | CO2 | Understanding the drafting procedures to construct home furnishing products |
| K3 | CO1 | Implementing different patterning designs and layout |
| K4 | CO2 | Applying material, colour, texture, surface embellishment suitable for the products |
| K5 | CO3 | Examining the material consumption, cost, finishing aspects of the products and finished product |

**Syllabus CONSTRUCT THE FOLLOWING HOME FURNISHINGS**

1. **Living room furnishing -** Sofa cover – 3 Seater, Chair covers, Bolster / Cushion, Curtain, Draperies, Door mat
2. **Bed room furnishings –** Quilted Blanket / Bed set, Pillow covers, Foot mat and Bed spread
3. **Bath room furnishings -**Bath mat, Dressing gown, laundry basket and Face Towels
4. **Kitchen furnishings -**Apron, Mitten, Pot holder, Table mat, Napkin and Table runner, Fridge cover / Oven cover, Mixie cover/ Grinder cover
5. **Reusing of Textile materials for Home décor items-** Wall Hangings – Photo frames, Door hangings, Letter holder

# TEACHING METHODS

Demonstration/Assignment / Google classroom

**TEXT BOOKS**

* 1. Loria Nicol, (2005).*Quick & Easy Home Sewing Projects.* Reader Digest Association.
  2. Sandra Detrixhe, (2004).*The Everything Sewing Book.* Avon Publications.
  3. Mamta Agarwal, (2005).*Home Science and Textiles.* ABD Publisher.

# REFERENCE BOOKS

1. Heather Lukes, (2009).*Curtains*. New Holland publishers.
2. Cheryl Mendelson, Scriber, (2005).*Home Comforts The Art of Keeping House*

Newyork.

1. Nystuen and Maureen Mitton, (2007*). Residential Interior Design.*
2. Charlotte Gerlings, (2015).*Courtney anyone can Sew.*

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | S | S | M | H |
| **CO2** | H | S | S | S | S |
| **CO3** | H | S | H | S | S |
| **CO4** | S | S | S | S | M |
| **CO5** | H | S | M | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| **Programme Code:18** | COSTUME DESIGN AND FASHION | | | |
| Batch 2022 - 2023 | Major Elective Paper : FABRIC CARE | Hours/Week 5 | Total Hours 75 | Credits  5 |

# Course Objectives

* To impart knowledge on clothing care Practices
* To acquaint the students with the knowledge of care symbols
* To enable them know about care label symbols used to maintain different types of fabric

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Outlining the general care given to common textile items or recalls the symbols of common care. |
| K2 | CO2 | Understanding the proper care and simple laundry of fabric, clothes and household articles. |
| K3 | CO3 | Applying appropriate clothing care practices |
| K4 | CO4 | Analyzing the suitable laundry methods for different fabrics |
| K5 | CO5 | Assessing the correct techniques to care and maintain the textile materials |

**Syllabus**

# UNIT I (15 hours)

**WATER & LAUNDERING-** water- sources of water, types of hardness, methods of softening water, and determination of hardness. Laundry soaps – manufacture of soap (hot process, cold process), composition and types of soap, soap less detergents, chemical action of detergents, detergent manufacture, advantages of detergents.

# UNIT II (15 hours)

**FINISHES –** starch, preparation of starch (cold water and hot water), purpose of stiffening, Classification of stiffening agents, preparation and use of stiffeners. \*Laundry blues and its application. Bleaches- types and its application

# UNIT III (15 hours)

**LAUNDRY EQUIPMENT** –washing equipments – wash board, suction washer, wash boiler, washing machine. Drying equipments – out door and indoor types. Irons and types of iron boxes- flat, automatic, steam iron. Ironing boards – different types.

# UNIT IV (15 hours)

**PRINCIPLES OF WASHING** – Friction, suction washing, washing by kneading and squeezing and washing by machine. Laundering of different fabrics – Cotton and Linen,Wool, Coloured fabrics, Silk, Rayon and Nylon. DRY CLEANING – using absorbents and grease solvents. **\*Storing** – points to be noted.

# UNIT V (15 hours)

**STAIN REMOVAL** –Stain- Definition, Classification of stains, stain and their methods of removal, Lead Pencil, Lipstick, Mildew, paint, perfume, perspiration, tar, turmeric, blood stain, food stain, nail polish and kum-kum. Care label – labelling parameters, care label symbols, various systems of care labelling - International, Japanese Canadian, European and American, importance of care labelling and placement of labels on garments. Eco fashion labels- Definition, Origin, Need and Scope of eco label, Benefits of eco label, Eco labeling schemes, Types of eco label and products covered. Certification terminologies- Fair trade,

Global organic textile standard, OEKO-TEX standard 100, European eco label for textile product. Eco-mark- Definition, Types of eco mark for fabrics: Silk mark, Handloom mark.

# Self study

**Questions can be taken from self study portions also TEACHING METHODS**

Talk and Chalk method/ Power point presentation / Seminar/ Discussion/ Assignment / Google classroom

# TEXTBOOKS

1. Noemia D Souza,New Age,(2000).*Fabric Care.* International Publishers.
2. MeenakshiRastog , (2000).*Textiles and Laundry*, New Delhi: Sonali Publication.

# REFERENCES

1. [Billie J. Collier,](https://www.amazon.in/Billie-J-Collier/e/B001ITWXD4/ref%3Ddp_byline_cont_book_1) [Phyllis G. Tortora,](https://www.amazon.in/Phyllis-G-Tortora/e/B001ITRJQ0/ref%3Ddp_byline_cont_book_2) (2000*). Understanding Textiles, 6th edition*. London: Collier Macmillan Publishers.
2. Meenakshi Rastog , (2009).*Textile Forming*. New Delhi: Sonali Publication,
3. [Harriet Hargrave,](https://www.google.co.in/search?tbo=p&tbm=bks&q=inauthor%3A%22Harriet%2BHargrave%22) (2002).*Quick-Look Guide: Caring for Fabric and Quilts.* C & T Publishing.

# MAPPING

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| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | H | H | S | H |
| **CO2** | H | S | S | S | H |
| **CO3** | S | S | S | S | H |
| **CO4** | S | H | H | H | H |
| **CO5** | H | S | M | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| **Programme**  **Code: 18** | B.Sc. COSTUME DESIGN AND  FASHION | | | |
| Batch 2022 – 2023 | Major Elective Paper : HISTORIC COSTUMES AND TEXTILES OF INDIA | Hours/Week 5 | Total Hours 75 | Credits 5 |

# Course Objectives

* + To impart knowledge about of historic costumes of India
  + To acquaint students with different types of traditional Embellishment used.
  + To enhance the students’ knowledge regarding accessories and Jewellery of different status of India

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Recollecting the traditional fabric embellishment techniques |
| K2 | CO2 | Differentiating the culture and state costumes of India |
| K3 | CO3 | Applying the knowledge of traditional garment Designing |
| K4 | CO4 | Analyzing the outfits of states of India |
| K5 | CO5 | Examining the traditional colours, motifs and fabrics of different states in India |

**Syllabus**

# UNIT I (15 hours)

**BEGINNING OF COSTUME AND INDIAN JEWELLERY -** Tatting, painting, body covering and cutting. **INDIAN JEWELLERY** – Jewelleries used in the period of Indus valley civilization Mauryan period, Gupta period, the Pallava period, Chola period and Mughal period. A brief study of gems and precious stones.

# UNIT II (15 hours)

**TRADITIONAL COSTUME OF SOUTH AND NORTH OF INDIA**- SOUTH**-**

TamilNadu, Kerala, Andrapradesh, Karnataka. NORTH- Rajasthan, Haryana, HimachalPradesh, Uttarpradesh, Jammu and Kashmir, Sikkim.

# UNIT III (15hours)

**TRADITIONAL COSTUME OF EAST AND WEST OF INDIA**- TRADITIONAL

COSTUME OF EAST AND WEST OF INDIA- EAST- Orissa, Bihar, Assam, Arunachal Pradesh, Manipur and Meghalaya, Mizoram, and Tripura, Nagaland, West Bengal. WEST- Maharastra, Gujarat, Goa and Madhya Pradesh.

# UNIT IV (15 hours)

**TRADITIONAL INDIAN TEXTILES –** Coloured textiles **-** Bhandhini, Patola, Ikat, Pochampalli. Woven textiles – Muslin, Brocades, Paithani, Chanderi, Baluchari, Kanjeevaram, Jamdhani. Printed textiles of India- Kalamkari, Madhubani, Sanganeri, Bargu.

# UNIT V (15

**hours)**

**EMBROIDERED TEXTILES OF INDIA** – Introduction, History, Motifs, stitches and threads and colours used - Phulkari, Kantha, Chikankari, Kasuti, Kathiawar, Kashmiri, Chamba Rumals, **\*Zardozi**.

# Self study

**Questions can be taken from self study portions also**

# TEACHING METHODS

Power point presentation/Seminar/Quiz/Discussion/Assignment / Google classroom

**TEXT BOOKS**

1. Navneetkaur, (2010).*Comdex Fashion Design, vol-I Fashion Concepts.* New Delhi: Dreamtech press,
2. G.H Ghosrye, (2003). *Indian Costume*. Popular Books Pvt ltd.

# REFERENCE

1. Usha Ramamrutham Balakrishnan, (2001).*Indian Jewellery: Dance of Peacock,* Indian Book House.
2. Vandana Bhandari, (2004). *Costumes Textile and Jewelry of India.* Prakash Books.
3. Dr.Parul Pathak, (2004).*Tradtional Indian Costumes and Textiles.* Chandigarh : Abhishek Publication.
4. AnamikaPathak , ( 2006). *Indian Costumes*, Roli Books.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | H | H | S | H |
| **CO2** | H | S | S | S | S |
| **CO3** | S | S | S | S | H |
| **CO4** | S | H | H | H | H |
| **CO5** | H | S | S | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| --- | --- | --- | --- | --- |
| **Programme Code: 18** | B.Sc. COSTUME DESIGN AND FASHION | | | |
| Batch 2021 – 2022 | Major Elective Paper-FASHION FORECASTING | Hours/Week 5 | Total Hours 75 | Credits 5 |

# Course Objectives

1. To enable the students to Understand fashion frameworks.
2. To develop a holistic understanding of trend in a global setting.
3. To Increase their abilities in applying forecasting skills.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the trend forecasting terminologies |
| K2 | CO2 | Understanding of fashion trends in both visual and written form |
| K3 | CO3 | Applying to real-life business market or professional practices for each of the forecasting disciplines |
| K4 | CO4 | Analyzing the past and present influences and forecast future influence |
| K5 | CO5 | Valuing the current scenario in Fashion forecasting |

**Syllabus**

# Unit I (15 Hours)

**Introduction**- Meaning of Fashion, Meaning of Fore Casting, the Role of a Forecasting, Types of Forecasting- Colour Forecasting, Textile Forecasting, Styling Forecasting, Sales Forecasting, Accessories Forecasting, Fabric Forecasting.

# Unit-II (15 Hours)

**Process of Fashion Forecasting**- Process Diffusion of Innovation, Long term forecasting, short term forecasting, Difference between Long term and short term forecasting ,the precision of fore casting Responsibilities of trend forecasting.

# Unit-III (15 Hours)

**Forecasting trend and culture -**Contemporary Culture, Street Influence, Celebrity Culture, The new gatekeepers of fashion, Range building with trends, Trend prediction for a customer base Fabric Fairs, Consumer Research, and Defend trend predictions Colour.

# Unit-IV (15 Hours)

**Communicate creative concepts effectively -** Communicate visually through roughs,

\***boards and illustrations**, Communicate using industry standard terminology, software to communicate a design solution.

# Unit-V (15 Hours)

**Process of Reporting-** process of implementation, promotion, making the fashion happen, Steps in fashion forecasting- Hunt, Identify, Gather.

# Self study

**Questions can be taken from self study portions also TEACHING METHODS**

Google classroom/ Power Point presentation/Seminar/Discussion/Assignment

# TEXT BOOKS

* 1. E. L, Fairchild, (2005*). Fashion Forecasting* III Edition. New York: Brannon Publications.
  2. McCelvey Kathryn and Maslow Janine, (2008). *Fashion forecasting*. Wiley- Blackwell.
  3. Raymond Martin, (2010).*The Trend Forecasters Handbook*. U.K: Laurence king.

# REFERENCE BOOKS

1. New Jersey Pearson Prentice Hall, (2000).*Apparel Product Design & Merchandising Strategies.*, New Delhi :Upper Saddle River.
2. Hethorn, J, & Ulasewicz, (2008*). Sustainable Fashion: Why Now.* New York: Fairchild Publications.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | S | S |
| **CO2** | S | H | H | S | S |
| **CO3** | S | S | S | S | S |
| **CO4** | S | S | S | S | S |
| **CO5** | H | S | S | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| --- | --- | --- | --- | --- |
| **Programme Code: 18** | B.Sc. COSTUME DESIGN AND FASHION | | | |
| Batch 2022 - 2023 | Major Elective Paper- COMPUTERS IN TEXTILE INDUSTRY | Hours/Week 5 | Total Hours 75 | Credits 5 |

# Course Objectives

* To enable the students to Understand the computers and devices used in garment industry
* To impart a knowledge in weaving pattern developing software
* To understand the computer in manufacturing

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the concepts of computer application |
| K2 | CO2 | Understanding the application of software |
| K3 | CO3 | Applying appropriate software in garment industry for designing |
| K4 | CO4 | Analysing the creation fashion garments |
| K5 | CO5 | Assessing the application of software in textile industry |

**Syllabus**

# UNIT-1 (15hours)

**Introduction to computers** –Organization of Computers –Input Unit, Output Unit, Central Processing, Unit ,Memory Devices, Working Principles of Printer-Scanner, **\*Digitizer and Plotter.**

# UNIT -2 (15hours)

Computer Application in Textile Designing- Weaving- Software’s used – Types of woven Design-Dobby and Jacquard- Techniques Used. Knitting -Software’s used – Types of knitting. Printing –Creation of Printed Design – Simulation Technique.

# UNIT-3 (15hours)

Computer Application in Fashion Designing-Design Creation- Theme Rendering- 3D Modelling- Body Scanning-Texture Mapping-Design Studio-Fashion Studio- Fashion Multimedia Concepts.

# UNIT-4 (15hours)

Computer Application in Pattern Making- Process involved in Pattern Making Grading- Marker Planning-Laying-Cutting- Labelling-Duplicating. Computerized Sewing Machine.

# UNIT-5 (15hours)

Computer Aided Manufacturing – Concepts of Computer Integrated Manufacturing – Definition and Functions of CAD, CAM, CIM, CAA,PDC. Computerized embroidery machines. Computerized colour matching system. Brief study of Designing Software’s used in textile industry.

# Self study

**Questions can be taken from self study portions also TEACHING METHODS**

Power Point presentation/Seminar/Discussion/Assignment / Google classroom

# TEXTBOOKS

1. Vidyasar, (2000).*Textile Designing Encyclopedia of Textiles,* New Delhi *Mittal Publications*,.
2. V.D.Duja, (2005).*Professional management of fashion industry,* New Delhi: Gangandeep Publications.
3. Mahadevan, (2001).*Textile Robotics &Automation*. Chandigarh: Abhishiek Publications.

# REFERENCE

1. Jinlian Hu, (2011*).Computer Technology for Textiles and Apparel, 1st Edition,*

Woodhead Publishing.

1. Calvin Wong, (2017*).Applications of Computer Vision in Fashion and Textiles.*

Woodhead Publishing.

1. Catherine Fairhurst, (2008*).Advances in Apparel Production, 1st Edition.* Woodhead Publishing.
2. Jinlian,Elsevier, ( 2011*). Computer Technology for Textiles and Apparel, Science & Technology*. Abishek Publications.
3. [Fazal Ali Khan ,](https://www.amazon.com/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&text=Fazal%2BAli%2BKhan&search-alias=books&field-author=Fazal%2BAli%2BKhan&sort=relevancerank)(2013*). Computer Application in Textiles Hardcove*r. Sonali Publication.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | S | S | S | S |
| **CO2** | S | H | H | S | S |
| **CO3** | S | S | S | S | S |
| **CO4** | S | S | S | S | S |
| **CO5** | H | S | S | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| **Programme Code:** 18 | B.Sc. COSTUME DESIGN AND FASHION | | | |
| Batch 2022 – 2023 | Major Elective Paper: ORGANIZATION OFGARMENT UNIT | Hours/Week 5 | Total Hours 75 | Credits 5 |

# Course Objectives

* To develop entrepreneurship skills among the students
* To familiarize the students with the process and procedure of setting up new enterprises.
* To impart knowledge about various institutions supporting entrepreneur.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the concepts in entrepreneurship and export |
| K2 | CO2 | Understanding the method to improve working condition and productivity |
| K3 | CO3 | Executing export order procedure |
| K4 | CO4 | Analyzing SWOT of the textile unit |
| K5 | CO5 | Examining the steps followed to organize a garment unit |

**Syllabus**

# Unit I (15 Hours)

**ENTREPRENEURSHIP AND MANAGEMENT**– Meaning, Definition and Types, Need for entrepreneurship, Qualities and Types of entrepreneurs. Difference between Entrepreneur and Manager. Management – Definition, Management as a process – planning, Organizing, Directing,Controlling, Co-ordination.

# Unit II (15 Hours)

**INSTITUTIONS SUPPORTING ENTREPRENEURS** –Abbreviation, year of establishment and the functions of following institutions- DIC, NSIC, SISI, SIPCOT, TIIC, KVIC, CODISSIA, Commercial banks – SBI,IDBI

# Unit III (15 Hours)

**DIFFERENT DEPARTMENTS IN A GARMENT UNIT** – Organizational Structure of a garment unit – Hierarchical organization, Personnel involved in all the departments and Nature of the job -Design, Finance, Purchasing and Production. Role of HR in Apparel industry.

# Unit IV (15 Hours)

**FACTORY DESIGN AND LAYOUT** – Importance of factory design, Factors affecting factory design, **\*Types of buildings** (single and multi–storey) – Advantages and limitations. Factory layout – Process, Product and Combined layout. Design requirements – Requirements relating to health, safety and welfare

# Unit V (15 Hours)

**INDIAN GARMENT EXPORTS** - Present scenario of Indian garment exports, SWOT Analysis, Setting up garment unit for export market, export documents and procedures, root cause analysis and risk assessment, types of transport and Payment methods.

# Self study

**Questions can be taken from self study also TEACHING METHODS**

Chalk and Talk method/ Power point Presentation / Assignment / Seminar/ Discussion / Google classroom

# TEXT BOOKS

1. Rathi Narayan (2007).*Garment Exports winning strategies by Principles of management..*
2. T.A.S.Balagopal (2011*).Export management –21st edition.*
3. C.B.gupta (2009). Management theory & practice. Enlarged edition

# REFERENCE BOOKS

1. Philip kotler and Kevin lane, keller, (2006). Marketing Management. Delhi: pearson,education.
2. S.S. Khanka, S.Chand (2004). Entrepreneurial Development-& co, 1st Edition.
3. Jayashree Suresh,(2003). Entrepreneurial Development Chennai: Marahom Publications.
4. Anilkumar.s.,Poornima.s.s.,Abraham,k.Jayashree,(2003).Entrepreneurship Development .New Delhi : Newage International publishers.
5. C.B.gupta (2009) Management theory & practice Enlarged edition.

# MAPPING

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| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | S | H | H | H | S |
| **CO2** | S | S | H | H | H |
| **CO3** | S | H | S | S | S |
| **CO4** | S | H | S | S | H |
| **CO5** | H | S | S | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

**Sub. Code: 21UHR3N1**

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| **Programme Code : 18** | **B.SC., COSTUME DESIGN AND FASHION** | | |
| PART IV -NON MAJOR ELECTIVE –I HUMAN RIGHTS | | | |
| **Batch**  2021-2022 | **Hours / Week**  2 | **Total Hours**  30 | **Credits**  2 |

**Course Objectives**

* To prepare for responsible citizenship with awareness of the relationship between Human Rights, democracy and development.
* To impart education on national and international regime on Human Rights.
* To sensitive students to human suffering and promotion of human life with dignity.
* To develop skills on human rights advocacy
* To appreciate the relationship between rights and duties
* To foster respect for tolerance and compassion for all living creature.

**Course Outcomes (CO)**

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | To understand the hidden truth of Human Rights by studying various theories. |
| K2 | CO2 | To acquire overall knowledge regarding Human Rights given by United Nation  Commission. (UNO) |
| K3 | CO3 | To gain knowledge about various organs responsible for Human Rights such as  National Human Rights Commission and state Human Right commission (UNHCR) |
| K4 | CO4 | To get habits of how to treat aged person, others and positive social  responsibilities |
| K5 | CO5 | To treat and confirm, child, refugees and minorities with positive social justice. |

**Syllabus**

**UNIT – I**

Definition, Meaning, Concept ,Theories and Kinds of Human Rights- Evaluation and Protection of Human Rights in India- Development of Human Rights under the United Nations.

**UNIT – II**

United Nations Charter and Human Rights - U.N. Commission on Human Rights- Universal Declaration of Human Rights - International Covenant on

* + Civil & Political Rights
  + Economic, Social and Cultural Rights

**UNIT – III**

Human Rights and Fundamental Rights (Constitution) - Enactments regarding Human Rights Laws in India - National Human Rights Commission and State Human Rights Commission.

**UNIT – IV**

Aged persons and their Human Rights - Human Rights of Persons with Disabilities - Tribal Human Rights in India - Three Generation Human Rights -Social Awareness and Responsibilities of Individuals.

**UNIT – V**

Rights of Women, Child, Refugees and Minorities –Social media and Human Rights - NGO’s in protection of Human Rights - Right to Election

**Sub. Code: 21UHR3N1**

**Books for Study:**

**1.** Human Rights (2019) Published by Kongunadu Arts and Science College,

Coimbatore –29.

**Book for Reference:**

1. Human Rights, (2018)Jaganathan,MA.,MBA.,MMM.,ML.,ML., Humanitarian Law and J.P.Arjun Proprietor,Usha Jaganathan

Refugee Law law series, 1st floor, Narmatha Nanthi

Street, Magathma Gandhi Nagar, Madurai – 625014.

# Question Paper Pattern (External only)

**Duration: 3 hrs Max: 75 marks**

**Section A** (5x5=25marks) Short answer either or type , one question from each unit

**Section B** (5X10=50 marks) Essay type question, either or type, one question from each unit

**Sub. Code: 21UWR4N2**

|  |  |  |  |
| --- | --- | --- | --- |
| Programme Code: 18 | B.Sc. COSTUME DESIGN AND FASHION | | |
| Title of the Paper- Part IV -Non- Major Elective – II Women’s Rights | | | |
| Batch  **2021-2022** | Hours / Week  **2** | Total Hours  **30** | Credits  **2** |

# Course Objectives

* + To know about the laws enacted to protect Women against violence.
  + To impart awareness about the hurdles faced by Women.
  + To develop a knowledge about the status of all forms of Women to access to justice.
  + To create awareness about Women’s rights.
  + To know about laws and norms pertaining to protection of Women.
  + To understand the articles this enables the Women’s rights.
  + To understand the Special Women Welfare laws.
  + To realize how the violence against Women puts an undue burden on healthcare services.

# Course Outcomes (CO)

**After Completion of the Course the student will be able to**

|  |  |  |
| --- | --- | --- |
| K12 | CO1 | Appraise the importance of Women’s Studies and incorporate Women’s Studies with other fields. |
| K2 | CO2 | Analyze the realities of Women Empowerment, Portrayal of Women in Media, Development and Communication. |
| K3 | CO3 | Interpret the laws pertaining to violence against Women and legal consequences. |
| K4 | CO4 | Contribute to the study of the important elements in the Indian Constitution, Indian Laws for Protection of Women. |
| K5 | CO5 | Spell out and implement Government Developmental schemes for women and create awareness on modernization and impact of technology on Women. |

# Syllabus

**Unit I (6 Hours)**

**Women‟s Studies:** Basic concepts of Women’s studies in Higher education, Women’s studies perspectives- Socialization- Patriarchy- Women’s studies as an academic discipline-Growth and development of Women’s studies as a discipline internationally and in India.

# Unit II (6 Hours)

**Socio-Economic Development of Women:** Family welfare measures, role of Women in economic development, representation of Women in media, status of Women land rights, Women Entrepreneurs, National policy for the empowerment of women.

# Unit III (6 Hours)

**Women‟s Rights – Access to Justice:** Crime against Women, domestic violence – physical abuse- verbal abuse – emotional abuse - economic abuse – minorities, dowry- harassment anddeath, code of conduct for work place, abetment of suicide.

# Unit IV (6 Hours)

**Women Protective acts:** Protective legislation for Women in the Indian constitution- Antidowry, SITA, PNDT, and Prevention Sexual Harassment at Workplace (Visaka case), Domestic violence (Prevention) Act.

**Sub. Code: 21UWR4N2**

# Unit V (6 Hours)

**Women and Child welfare:** Safety provisions - various forms of mass media, radio, visual, internet, cyber space, texting, SMS and smart phone usage. Healing measures for the affected Women and child society by private and public sector, NGO and society.

# Teaching Methods:

Smart Class Room / Power point Presentation / Seminar / Quiz / Discussion / Flipped Class

**Text Book:**

1. **Women‟s Rights** (2021), Published by Kongunadu Arts & Science College, Coimbatore

– 641 029.

# Reference Books:

1. **“Rights of Indian Women”** by Vipul Srivatsava. Publisher: Corporate Law Advisor, 2014.
2. **“Women‟s security and Indian law”** by Harsharam Singh. Publisher: Aabha Publishers and Distributors, 2015.
3. **“Women‟s Property Rights in India”** by Kalpaz publications, 2016.

Sub. Code: **21UWR4N2**

# Question Paper Pattern (External only)

**Duration: 3 hrs Max: 75 marks**

**Section A** (5x5=25marks) Short answer either or type , one question from each unit

**Section B** (5X10=50 marks) Essay type question, either or type, one question from each unit

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| Non Major Elective- CONSUMER AFFAIRS | | | |
| Batch  2022 - 2023 | Hours / Week  2 | Total Hours  30 | Credits  2 |

# Course Objectives

* To familiarize the students with their rights and responsibilities as a consumer.
* To understand the procedure of redress of consumer complaints.
* To know more about decisions on Leading Cases by Consumer Protection Act.
* To get more knowledge about Organizational set-up under the Consumer Protection Act
* To impart awareness about the Role of Industry Regulators in Consumer Protection
* To understand Contemporary Issues in Consumer Affairs

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Able to know the rights and responsibility of consumers. |
| K2 | CO2 | Understand the importance and benefits of Consumer Protection Act. |
| K3 | CO3 | Applying the role of different agencies in establishing product and service  standards. |
| K4 | CO4 | Analyse to handle the business firms’ interface with consumers. |
| K5 | CO5 | Assess Quality and Standardization of consumer affairs |

**Syllabus**

# UNIT I 6 Hours

Conceptual Framework - Consumer and Markets: Concept of Consumer, Nature of markets: Liberalization and Globalization of markets with special reference to Indian Consumer Markets, E-Commerce with reference to Indian Market, Concept of Price in Retail and Wholesale, Maximum Retail Price (MRP), Fair Price, GST, labeling and packaging along with relevant laws, Legal Metrology. Experiencing and Voicing Dissatisfaction: Consumer buying process, Consumer Satisfaction/dissatisfaction-Grievances-complaint, Consumer Complaining Behaviour: Alternatives available to Dissatisfied Consumers; Complaint Handling Process: ISO 10000suite

# UNIT II 6 Hours

The Consumer Protection Law in India - Objectives and Basic Concepts: Consumer rights and UN Guidelines on consumer protection, Consumer goods, defect in goods, spurious goods and services, service, deficiency in service, unfair trade practice, restrictive trade practice. Organizational set-up under the Consumer Protection Act: Advisory Bodies: Consumer Protection Councils at the Central, State and District Levels; Adjudicatory Bodies: District Forums, State Commissions, National Commission: Their Composition, Powers, and Jurisdiction (Pecuniary and Territorial), Role of Supreme Court under the CPA with important case law.

# UNIT III 6 Hours

Grievance Redressal Mechanism under the Indian Consumer Protection Law - Who can file a complaint? Grounds of filing a complaint; Limitation period; Procedure for filing and hearing of a complaint; Disposal of cases, Relief/Remedy available; Temporary Injunction, Enforcement of order, Appeal, frivolous and vexatious complaints; Offences and penalties.

Leading Cases decided under Consumer Protection law by Supreme Court/National Commission: Medical Negligence; Banking; Insurance; Housing & Real Estate; Electricity and Telecom Services; Education; Defective Products; Unfair Trade Practices.

# UNIT IV 6 Hours

Role of Industry Regulators in Consumer Protection

1. Banking: RBI and Banking Ombudsman
2. Insurance: IRDA and Insurance Ombudsman
3. Telecommunication: TRAI
4. Food Products: FSSAI
5. Electricity Supply: Electricity Regulatory Commission
6. Real Estate Regulatory Authority

# UNIT V 6 Hours

Contemporary Issues in Consumer Affairs - Consumer Movement in India: Evolution of Consumer Movement in India, Formation of consumer organizations and their role in consumer protection, Misleading Advertisements and sustainable consumption, National Consumer Helpline, Comparative Product testing, Sustainable consumption and energy ratings. Quality and Standardization: Voluntary and Mandatory standards; Role of BIS, Indian Standards Mark (ISI), Ag-mark, Hallmarking, Licensing and Surveillance; Role of International Standards: ISO an Overview.

**Note:** Unit 2 and 3 refers to the Consumer Protection Act, 2086. Any change in law would be added appropriately after the new law is notified.

# TEACHING METHODS

Smart Class rooms /Power Point Presentations / Seminars/Quiz /Discussion /Flipped Classrooms

**SUGGESTED READINGS:**

1. Khanna, Sri Ram, Savita Hanspal, Sheetal Kapoor, and H.K. Awasthi. (2007) Consumer Affairs, UniversitiesPress.
2. Choudhary, Ram Naresh Prasad (2005). Consumer Protection Law Provisions and Procedure, Deep and Deep Publications PvtLtd.
3. G. Ganesan and M. Sumathy. (2012). Globalisation and Consumerism: Issues and Challenges, RegalPublications
4. Suresh Misra and Sapna Chadah (2012). Consumer Protection in India: Issues and Concerns, IIPA, NewDelhi
5. Rajyalaxmi Rao (2012), Consumer is King, Universal Law Publishing Company
6. Girimaji, Pushpa (2002). Consumer Right for Everyone Penguin Books.
7. E-books :-[www.consumereducation.in](http://www.consumereducation.in/)
8. Empowering Consumers e-book[,www.consumeraffairs.nic.in](http://www.consumeraffairs.nic.in/)
9. ebook,[www.bis.org](http://www.bis.org/)
10. The Consumer Protection Act, 2086 and its later versions.

# Question paper pattern (External Only)

**Duration: 3 hrs Max: 75 Marks**

# Section A (5 x 5=25)

Short notes

Either – or / type – question from each unit.

# Section B (5 x 10=50)

Essay type

Either – or / type – question from each unit.

# Sub. Code: 21EVS101

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** PART IV – ENVIRONMENTAL STUDIES | | | |
| Batch 2022 - 2023 | Hours / Week 2 | Total Hours 30 | Credits 2 |

**Course Objectives**

* + The course will provide students with an understanding and appreciation of the complex interactions of man, health and the environment. It will expose students to the multi- disciplinary nature of environmental health sciences
  + To inculcate knowledge and create awareness about ecological and environmental concepts, issues and solutions to environmental problems.
  + To shape students into good “Eco-citizens” thereby catering to global environmental needs.
  + This course is designed to study about the types of pollutants including gases, chemicals petroleum, noise, light, global warming and radiation as well as pollutant flow and recycling and principles of environmental pollution such as air, water and soil
  + The course will address environmental stress and pollution, their sources in natural and workplace environments, their modes of transport and transformation, their ecological and public health effects, and existing methods for environmental disease prevention and remediation.

# Course Outcomes (CO)

On successful completion of the course, the students will be able to

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Understand how interactions between organisms and their environments drive the  dynamics of individuals, populations, communities and ecosystems |
| K2 | CO2 | Develop an in depth knowledge on the interdisciplinary relationship of cultural, ethical  and social aspects of global environmental issues |
| K3 | CO3 | Acquiring values and attitudes towards complex environmental socio-economic  challenges and providing participatory role in solving current environmental problems and preventing the future ones |
| K4 | CO4 | To gain inherent knowledge on basic concepts of biodiversity in an ecological context  and about the current threats of biodiversity |
| K5 | CO5 | To appraise the major concepts and terminology in the field of environmental pollutants, its interconnections and direct damage to the wildlife, in addition to human communities  and ecosystems |

# Syllabus

**UNIT I MULTIDISCIPLINARY NATURE OF ENVIRONMENT (6 HOURS)**

Definition : scope and importance – Need for public awareness - Natural resources – Types of resources – Forest Resources – Water Resources – Mineral Resources – Food Resources – Energy Resources – Land Resources.

# UNIT II ECOSYSTEMS (6 HOURS)

Concept of an ecosystem – Structure and functions of an ecosystem – Procedures, consumers and decomposers – Energy flow in the ecosystem – Ecological succession – Food chains, food web and ecological pyramids – Structure and function of the following ecosystem – Forest Ecosystem –Grassland Ecosystem – Desert Ecosystem – Aquatic Ecosystem.

# Sub. Code: 21EVS101

**UNIT III BIODIVERSITY AND ITS CONSERVATION (6HOURS)**

Introduction – Definition – Genetic – Species and ecosystem diversity- Bio geographical classification of India – Value of biodiversity – Biodiversity at global, national and local levels – India as a mega - diversity Nation - Hot spot of biodiversity – Threats to biodiversity - Endangered and endemic species of India – Conservation of Biodiversity – *Insitu* Conservation of Biodiversity – *Exsitu* Conservation of Biodiversity

# UNIT IV ENVIRONMENTAL POLLUTION (6 HOURS)

Definition - Causes, effects and control measures of : Air Pollution – Water Pollution – Soil Pollution – Marine Pollution – Noise Pollution – Thermal Pollution – Nuclear Pollution – Solid Waste Management: Causes, effects, control measures of urban and industrial wastes – Role of individual in prevention of pollution – Pollution case studies – domestic waste water, effluent from paper mill and dyeing, cement pollution – Disaster Management – Food, Drought, Earthquake, Tsunami, Cyclone and Landslide.

# UNIT V SOCIAL ISSUES AND THE ENVIRONMENT (6 HOURS)

Sustainable Development – Smart City, Urban planning, Town Planning , Urban problems related to energy – Water Conservation: Rain Water Harvesting and Watershed Management – Resettlement and rehabilitation of people, its problems and concerns, case studies Narmatha Valley Project – Environmental ethics, issues and possible solutions – Climate change, global warming, ozone layer depletion, acid rain, nuclear accidents and holocaust, case studies – Hiroshima and Nagasaki, Chernobyl – Consumerism and waste products – Environmental Protection Act – Air Pollution Act (Prevention and Control) – Water Pollution Act (Prevention and control) – Wild Life Protection Act – Forest Conservation Act – Issues involved in enforcement of environmental legislation – Public awareness – Human Population and the environment – Population Growth and Distribution – Population Explosion – Family Welfare Programme – Environment and Human Health – Human Rights – Value Education – HIV/ AIDS

– Women and Child Welfare – Role of Information Technology in Environment and Human Health.

# TEXT BOOK

1.P.Arul, A Text Book of Environmental Studies, Environmental Agency, No 27, Nattar street, Velacherry main road, Velacheery, Chennai – 42, First Edition, Nov.2004.

# REFERENCES

1. Purohit Shammi Agarwal, A text Book of Environmental Sciences, Publisher Mrs.Saraswati Prohit, Student Education , Behind Naswan Cinema Chopansi Road, Jodhpur.
2. Dr.Suresh and K.Dhameja, Environmental Sciences and Engineering , Publisher S.K.Kataria & Sons, 424/6, Guru Nanak Street, Vaisarak, Delhi -110 006.

3.J.Glynn Henry and Gary W Heinke, Environmental Science and Engineering, Prentice Hall of India Private Ltd., New Delhi – 110 001

# Question paper patterns for General papers

Environmental Studies 22EVS101

Question paper pattern (External only)

Duration: 3 hrs Max. Marks: 50 Marks

Answer all questions (5x10=50 marks) Essay type, either or type questions from each unit.

# Sub. Code: 21VED201

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| VALUE EDUCATION - MORAL AND ETHICS | | | |
| Batch  2022 - 2023 | Hours / Week  2 | Total Hours  30 | Credits  2 |

**Course Objectives**

* To impart Value Education in every walk of life.
* To help the students to reach excellence and reap success.
* To impart the right attitude by practicing self introspection.
* To portray the life and messages of Great Leaders.
* To insist the need for universal brotherhood, patience and tolerance.
* To help the students to keep them fit.
* To educate the importance of Yoga and Meditation.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | will be able to recognize Moral values, Ethics, contribution of leaders, Yoga and its practice |
| K2 | CO2 | will be able to differentiate and relate the day to day applications of Yoga and Ethics in real life situations |
| K3 | CO3 | can emulate the principled life of great warriors and take it forward as a message to self and the society |
| K4 | CO4 | will be able to Analyse the Practical outcome of practicing Moral values in real life situation |
| K5 | CO5 | could Evaluate and Rank the outcome of the pragmatic approach to further develop the skills |

**Syllabus**

# UNIT I 4 Hours

**Moral and Ethics:** Introduction – Meaning of Moral and Ethics – Social Ethics – Ethicsand Culture – Aim of Education.

# UNIT II 6 Hours

**Life and Teachings of Swami Vivekananda:** Birth and Childhood days of Swami Vivekananda – At the Parliament of Religions – Teachings of Swami Vivekananda.

# UNIT III 4Hours

**Warriors of our Nation:** Subhas Chandra Bose – Sardhar Vallabhbhai Patel – Udham Singh – V. O. Chidambaram Pillai – Bhagat Singh – Tiruppur Kumaran – Dheeran Chinnamalai

– Thillaiaadi Valliammai – Velu Nachiyar – Vanchinathan.

# UNIT IV 8 Hours

**Physical Fitness and Mental Harmony:** Simplified Physical Exercise – Hand Exercises

– Leg Exercises – Neuro Muscular Breathing Exercises – Eye Exercises – Kabalabathi –Maharasana A & B – Massage - Acupressure – Relaxation – Kayakalpa Yogam - LifeForce – Aim & Objectives

– Principle – Methods. Introspection – Analysis of Thoughts – Moralization of Desires – Neutralization of Anger – Eradication of Worries

# Sub. Code: 21VED201

**UNIT V 8 Hours**

**Yoga and Meditation – The Asset of India:** Yogasanam – Rules & Regulations – Surya Namaskar – Asanas –Sitting – Stanging – Prone - Supine - Pranayama – Naadi Sudhi – Ujjayi – Seethali – Sithkari - Benefits. Meditation – Thanduvasudhi - Agna – Shanthi – Thuriyam – Benefits.

# TEXT BOOKS

1. Value Based Education – Moral and Ethics – Published by Kongunadu Arts and Science College (Autonomous), First Edition (2020).

# REFERENCE BOOKS

1. Swami Vivekananda – A Biography, Swami Nikhilananda, Advaita Ashrama, India, 24th Reprint Edition (2010).
2. Gandhi, Nehru, Tagore and other eminent personalities of Modern India, Kalpana Rajaram, Spectrum Books Pvt. Ltd., revised and enlarged edition(2004).
3. Freedom Fighters of India, Lion M.G. Agrawal, Isha Books Publisher, First Edition (2008).
4. Easy steps to Yoga by Swami Vivekananda, A Divine Life Society Publication(2000).
5. Yoga Practices - 1 – The World Community Service Centre – Vethathiri Publications, Sixth Edition (2017), Erode.
6. Yoga Practices - 2 – The World Community Service Centre – Vethathiri Publications – Eighth Edition (2017), Erode.

**QUESTION PAPER PATTERN**

**(External only)**

# Duration: 3 hrs Total Marks: 50

Answer all Questions (5 x 10 = 50 Marks) Essay type, either or type questions from each unit.

# Sub. Code: 22UGC3S1

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** SKILL BASED SUBJECT 1- CYBER SECURITY | | | |
| Batch 2022 - 2023 | Hours / Week 2 | Total Hours 30 | Credits 3 |

**Course Objectives**

* 1. The course introduces the basic concepts of Cyber Security
  2. To develop an ability to understand about various modes of Cyber Crimes and Preventive measures
  3. To understand about the Cyber Legal laws and Punishments

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | To Understand the Concepts of Cybercrime and Cyber Frauds |
| K2 | CO2 | To Know about Cyber Terrorism and its preventive measures |
| K3 | CO3 | To Analyze about the Internet, Mobile Phone and E-commerce security issues |
| K4 | CO4 | To Understand about E-mail and Social Media Issues |
| K5 | CO5 | To Describe about various legal responses to Cybercrime |

**Syllabus**

# Unit I 6 Hours

Introduction to Cyber Security: Definition of Cyber Security- Why is Cyber Security important? Layers of Cyber Security- Evolution of Cyber Security. Cyber hacking - Cyber fraud: Definition- Different modes of cyber fraud - Cyber fraud in India. Cyber pornography.

# Unit II 6 Hours

Cyber Terrorism: Modes of cyber terrorism. Cybercrime: What is Cybercrime? Cybercrime preventive methods - Preventive steps for individuals & organizations - Kinds of cybercrime - Malware and its types – Cyber attacks.

# Unit III 5 Hours

Internet Mobile Phone and E-commerce Security issues: Data theft - Punishment of data theft- Theft of internet hours - Internet safety tips for children & parents. Mobile phone privacy- E-Commerce security issues.

# Unit IV 6 Hours

Email and Social media issues: Aspects of Social Media - The Vicious Cycle of unhealthy social media use- Modifying social media use to improve mental health. Computer Virus - Antivirus – Firewalls.

# Unit V 7 Hours

Cyber Forensics and Digital Evidence: What does Digital Footprint Mean? - Web Browsing and Digital Footprints- Digital Footprint examples – How to Protect Your Digital Footprints? - How to erase your Footprints? - Browser Extensions and Search Engine Deletion - Cyber Crime and Cyber Laws - Common Cyber Crimes and Applicable Legal Provisions: A Snapshot - Cyber Law (IT Law) in India – The Information Technology Act of India 2000 - Cyber Law and Punishments in India - Cyber Crime Prevention guide to users – Regulatory Authorities.

# Teaching Methods:

Chalk and Talk, Presentation, Seminar, Quiz, Discussion & Assignment

**Sub. Code: 22UGC3S1**

# TEXT BOOK

**1. “Cyber Security”, Text Book** prepared by “Kongunadu Arts and Science College”, Coimbatore -29, 2022.

# REFERENCE BOOKS

1. Mayank Bhushan, Rajkumar Singh Rathore, Aatif Jamshed, **“Fundamental of Cyber Security”,**

BPB Publications, 1st Edition, 2017.

1. Anand Shinde, “**Introduction to Cyber Security-Guide to the world of Cyber Security**”,Notion Press,2021.
2. Paul Grishman, “**Cyber Terrorism- The use of the Internet for Terrorist Purpose**”,Axis Publication,1st Edition 2010.
3. Shilpa Bhatnagar, **“Encyclopaedia of Cyber and Computer Hacking**”, Anmol Publications, 1st Edition 2009.

# WEB REFERENCES

1. <http://deity.gov.in/>- Department of Electronics and Information Technology,
2. Govt. of India
3. <http://cybercellmumbai.gov.in/>- Cybercrime investigation cell
4. <http://ncrb.gov.in/>- National Crime Records Bureau
5. <http://catindia.gov.in/Default.aspx>- Cyber Appellate Tribunal
6. <http://www.cert-in.org.in/>- Indian Computer Emergency Response Team
7. <http://cca.gov.in/rw/pages/index.en.do>- Controller of Certifying Authorities
8. [www.safescrypt.com](http://www.safescrypt.com/) - Safescrypt
9. [www.nic.in](http://www.nic.in/) – National Informatics Centre
10. <https://www.kaspersky.com/resource-center/definitions/what-is-a-digital-footprint>
11. https://geekflare.com/digital-footprint/

# Sub. Code: 22UCD4SL

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-** SKILL BASED PRACTICAL 1 –COMPUTERS IN FASHION  DESIGN | | | |
| Batch 2022 - 2023 | Hours / Week 2 | Total Hours 30 | Credits 3 |

**Course Objectives**

* + To impart basics of computer applications.
  + To help students to acquire knowledge about how to mail and prepare a presentation
  + To enable the student to understand the Corel draw application in designing.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the tools used in basics of computer |
| K2 | CO2 | Understanding the application of MS – office in textiles |
| K3 | CO1 | Applying the computer knowledge for communication |
| K4 | CO2 | Analysing the appropriate tools for working |
| K5 | CO3 | Evaluating the presentation |

**Syllabus**

1. **MS Word - Document Preparation -** Font size, Bold Italics, Underline, Line spacing , Changing the background Color & text Color, Header & Footer, Alignment. Change the text into columns, Check spelling and grammar Bullets and numbering Find and Replace.
   * Preparation of Curriculum Vitae
   * Develop a Designer profile.
2. **MS- Excel -** Creating a Excel sheet, Prepare standardized body measurement chart, Prepare profit analysis chart of a boutique with graphical representation, Prepare cost analysis chart for kids wear, men’s wear, women’s wear.
3. **MS Power point presentation –** Creating a Slide for presentation, Creating template design, Audio and video insertion, animations, link opening.

# MS publisher - Broucher /Invitation Designing

1. **Poster Designing**
2. **Access to Internet -**To collect fashion related information from various websites, Creating an Electronic Mail ID, Preparing a mail merge.
3. **Corel Draw-** Introduction to Corel Draw, Tools and Functions.

# TEACHING METHODS

Demonstration/ Assignments / Google classroom

**TEXT BOOKS**

1. Editorial Board, (2003) *Microsoft office* LP, Law point Publication.
2. Sanjeev Gupta, Shameena Gupta (2003*). Computer Aided Management (Using Ms- office 2003 tools* ).

**Sub. Code: 22UCD4SL**

1. LP Editorial board, (2008).*Corel draw X3*, Law point publication.

# Reference Books

1. Gary David Boston, (2008).*Corel draw: The office Guide*. McGraw-Hill Osborne Media.
2. LP Editorial board, (2009*). Corel draw X4*. Law point publication,
3. Steven Weikler, (2016*). Office for Beginners-The Perfect Guide on Microsoft Office.*

Create space Independent Publishing Platforms.

1. Joan Lambert and Curtis Frye, (2015*). Microsoft office 2016 Step by Step.* Microsoft Press Publication.
2. Dorothy House, (2015).*Microsoft Word, Excel and Power point: Just for beginners.*

Outskirts Press.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | S | S | S | S |
| **CO2** | H | S | S | S | S |
| **CO3** | S | S | S | H | S |
| **CO4** | H | H | H | S | H |
| **CO5** | H | S | S | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

# Sub. Code: 22UCD6SM

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper -**SKILL BASED SUBJECT Pr. 4 -BEAUTY CARE | | | |
| Batch  2022 - 2023 | Hours / Week  2 | Total Hours  30 | Credits  3 |

**Course Objectives**

* + To enable the students to gain knowledge about personal grooming.
  + To enable the student to develop knowledge in dressing and makeup to the etiquettes
  + To the student makeup to the etiquettes

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the application of different beauty care products |
| K2 | CO2 | Understanding the basic materials used for self-grooming |
| K3 | CO3 | Applying suitable makeup for occasion |
| K4 | CO4 | Analyzing right procedure for personalities |
| K5 | C05 | Evaluating overall appearance |

**Syllabus**

# LIST OF PRACTICALS

1. Bleaching
2. Facial
3. Hair remover-threading, waxing
4. Hair style – any 3 styles
5. Hair cut – any 3 styles
6. Hair curl, Hair straightening, Hair colouring
7. Make up –Face makeup, bridal make up, party make up
8. Nail treatment – pedicure, manicure, nail art, mehandi
9. Mehandi-arabic, bridal Saree draping – any 3 styles
10. Visit a beauty parlour.

# TEACHING METHODS TEXT BOOKS

Demonstration/ Visit to Parlour / Workshops / Google classroom

1. Dr. NeenaKhanna (2011). *Body and Beauty Care.*PustakMahal publishers.
2. Rashmi Sharma (2011*). Herbal Beauty & Body Care.*PustakMahal publishers.
3. Richa Dave, (2006). *Make-up Album.*Navneet Publication.

# REFERENCE BOOKS

1. Catherine M. Frangie, (2014). *Milady standard cosmetology.* Milady Publishing Company, 13th Edition.

# Sub. Code: 22UCD6SM

1. RoshiniDayal, (2008).*Natural Beauty Secrets from India*, Tata publishing Enterprises, LLC,.
2. P.J.Fitzgerald, (2003).*The Complete Book of Hairstyling.*
3. Helena Biggs, (2014). *Nail Art-Inspiring Designs by the world’s leading technicia*n.
4. Tanushree, Podder, (2014). Beauty solutions, Pushtakmahal Publishers. New Delhi.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | H | H | S | H |
| **CO2** | H | H | H | M | S |
| **CO3** | S | H | S | S | M |
| **CO4** | S | S | S | H | H |
| **CO5** | H | S | S | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

# Sub. Code: 22UCD5X1

|  |  |  |  |
| --- | --- | --- | --- |
| **Programme Code : 18** | B.Sc. COSTUME DESIGN AND FASHION | | |
| **Title of the Paper-**EXTRA DEPARTMENTAL COURSE-  FASHION DESIGNING | | | |
| Batch 2022 - 2023 | Hours / Week 2 | Total Hours 30 | Credits 3 |

**Course Objectives**

* + To impart Knowledge in Fashion designing concepts.
  + To enable students gain Knowledge in Wardrobe planning and scope of fashion designing.

# Course Outcomes (CO)

|  |  |  |
| --- | --- | --- |
| K1 | CO1 | Remembering the fashion terminologies |
| K2 | CO2 | Understanding the fashion design and concepts |
| K3 | C03 | Applying the elements and principles of design in designing concepts |
| K4 | CO4 | Analyzing the Wardrobe planning for different age groups |
| K5 | CO5 | Assessing the application of colour harmony for wardrobe planning |

**SYLLABUS**

# UNIT I (6 hours)

Fashion Terminologies- Definition of fashion, style and fad. Terms related to the fashion industry - boutique, collection, Mannequin, chic, classic, custom made, fashion shows, fashion cycle, fashion trend, and high fashion.

# UNIT II (6 hours)

**ELEMENTS OF DESIGN -** Design- Definition, types-structural and decorative design and their requirements. Elements of Design **-** Line, Shape or form, Colour, Size and texture.

# UNIT III (6 hours)

**PRINCIPLES OF DESIGN** – Balance – Formal and Informal, Rhythm – Through repetition, Radiation and Gradation, Emphasis – Grouping of design units, Using contrast hues, by leading lines, a combination of any of the above, repeating details such as tucks. Gathers, Unusual Shapes and Textures, Applied design on a contrast background, Harmony and Proportion.

**UNIT IV (6** hours)

**COLOUR –**Definition, Dimensions of colour, Psychological effects of colour. Colour theories- Prangs colour chart. Colour harmonies - Monochromatic, Analogous, Complementary, Double complementary, Spilt complementary, and Triad colour harmony.

# UNIT V (6 hours)

Wardrobe planning for different age groups, factors influencing wardrobe selection, Fashion and season, Designing dresses for different occasions – business meetings, parties/ dinners, evenings/leisure hours, marriage functions, sports, uniforms for civil service, airhostess, schools – girls and boys (school, high school).

# Sub. Code: 22UCD5X1

**TEACHING METHODS**

Power point presentation/Seminar/ Discussion/Assignment / Google classroom

# TEXTBOOKS

1. Navneetkaur,(2010*). Comdex Fashion Design, Vol-I Fashion Concepts*, New Delhi: Dream Tech Press.
2. Gini Stephens Frings, (2002).*Fashion from Concept to Consumer, Seventh Edition,*

Pearson Education.

1. Sumathi. G.J, 2002, *Elements of Fashion and Apparel Design* New Delhi :New Age International Publishers.

# REFERENCES

1. Sumathi.G.D, (2005). *Elements of Fashion and Apparel Designing.* New Delhi :New Age International.
2. Gini Stephens Firings, (1999). *Fashion- From Concept to Consumer-*6th Edition Prentice Hall.
3. Gayathri Verma, (2015).*Cutting and Sewing Theory for cutting and sewing dressmaking*, New Delhi Asian Publishers,

*th*

1. Helen Joseph Armstrong, (2014). *Pattern Making for Fashion Design – 5 editions,*

Kindersley, India Pvt .ltd.

1. Martin M. Pegler, (2006). *Visual Merchandising and Display, Fifth Edition,*

NewYork: Fair Child publications, INC.

# MAPPING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **PSO**  **CO** | **PSO1** | **PSO 2** | **PSO 3** | **PSO 4** | **PSO 5** |
| **CO1** | H | H | H | S | H |
| **CO2** | H | H | H | M | S |
| **CO3** | S | H | S | S | M |
| **CO4** | S | S | S | H | H |
| **CO5** | H | S | S | S | S |

**S** – Strong **H** – High **M** – Medium **L** – Low

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| --- | --- | --- | --- |
| **Programme Code : 18** | **B.Sc. COSTUME DESIGN AND FASHION** | | |
| Title of the paper- One Point Credit Programme- SKILL SETS FOR APPAREL  INDUSTRY | | | |
| Batch 2022-2023 | Hours / Week 2 | Total Hours 30 | Credits 1 |

# Syllabus

**Unit I (6 Hours)**

**Fiber to Fabric -** Spinning-operations, yarn-manufacturing process of threads, weaving- Basic process of dobby and jacquard-loom types, knitting- Introduction to types of knitting.

# Unit II (6 Hours)

**Processing -** Wet processing of different fabrics-fiber blends, brief study on eco- friendly dyeing and effluent treatments. Environment Management Systems-Meaning, Policies. Study of SA 8000, OHSAS 18000 and WRAP.

# Unit III (6 Hours)

**Quality Management -** Principles of TQM- application of 7 QC tools in apparel industry- Understanding ISO 9001:2000 standards- ISO 14001 standard series Documented procedures required – Quality audit- surveillance audit.

# Unit IV (6 Hours)

**Production Planning and control -**Functions of Production Control-Production Analysis- Sub assembly systems and Progressive bundle system-Principles of choosing a Production Systems-Evaluation of production system.

# Unit V (6 Hours)

**Export and Important Documentation -** Documents Related to Goods-Invoice-Certificate of origin-Shipping bill-Bill of lading -Air way bill-Bill of exchange-Letters of credits. Imports License – Procedure – Bill of Entry.

# REFERENCE

1. Corbman B.P fibre to fibre ,International students edition – McGraw hill book co, Singapore-2000.
2. Export-What ,Where, How- Paras Ram and Nikil K.Gang, Anupam publishers, New Delhi-2016.
3. Exports Import procedures- Documentation and logistics .C. New age international (p) limited , Rama Gopal-2016.

**QUESTION PAPER PATTERN**

Question Paper Pattern for 2022-2023 batch onwards

# Duration: 3 Hours Maximum Marks:100

**Section- A (10 x 1= 10 Marks)**

Answer all the Questions

Choose the best answer with four fragments

# Section B (5 x6 = 30 Marks)

Short Answers, either or type, one question from each unit

# Section C (5 x 12 = 60 Marks)

Essay type Questions, either or type, one question from each unit

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| **Programme: JOC** | COSTUME DESIGN AND FASHION |
| BATCH  2022 - 2023 | BASICS OF COSMETOLOGY |

# Total Hours: 30

**Objectives**

* To gain knowledge about personal grooming
* To enable the student to develop knowledge in dressing and makeup to the Etiquettes
* To help them to understand and apply the procedures for different personalities.

# Syllabus

**Unit I (6 hours)**

Cosmetology – Introduction, Definition, its importance, Self grooming – definition and its importance

# Unit II (6 hours)

Pedicure, definition, need for pedicure, equipment used for pedicure, basic pedicure technique

# Unit III (6 hours)

Manicure- equipment used for Manicure, shaping of nails, removal of the cuticles, Mehandi- Classical, Arabic, Glitter, Painting and Nail Art.

# Unit IV (6 hours)

Structure and function of skin, Skin types, skin tones, tips for skin care and steps in basic facial.

# Unit V (6 hours)

Face makeup- meaning, make up application, method and procedure, Make-up types, correction make up application and shape and colour of Hair, hair care and hair styles for occasion.

# TEACHING METHODS

Power point presentation/Seminar/Discussion/Assignment / Google classroom

**TEXT BOOKS**

* 1. Dr.NeenaKhanna, (2011).*Body and Beauty Care*. PustakMahal Publishers.
  2. Rashmi Sharma, (2011). *Herbal Beauty & Body Care.* PustakMahal Publishers.
  3. Richa Dave, (2006).*Make-up Album.* Navneet Publication.

# REFERENCE BOOKS

1. Catherine M. Frangie, (2014). *Milady standard cosmetology.,13th Edition,* Milady Publishing Company.
2. RoshiniDayal, (2008).*Natural Beauty Secrets from India*. Tata publishing Enterprices. LLC.
3. P.J. Fitzgerald, (2003).*The complete book of Hair styling*.
4. Trinny wood wall sunsannalconstantive , (2003).*What Not to Wear for Every Occasion Part-2.*
5. Helena Biggs, (2014). *Nail Art-Inspiring Designs by the world’s leading technician*.

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| **Programme:** JOC | COSTUME DESIGN AND FASHION |
| BATCH 2022 - 2023 | FABRIC TIE& DYEING |

# Total Hours- 30

**Objectives**

* + To enable students to gain knowledge on colour and its value addition on fabric.
  + To gain practical skill in dyeing techniques

# SYLLABUS

**Unit I (6 hours)**

Colour, colour theory, prangs chart- colour harmonies.

# Unit II (6 hours)

Types of Fabrics, Desizing of cotton fabric for dyeing, types of dye.

# Unit III (6 hours)

Dyeing methods- direct and basic dyeing

# Unit IV (6 hours)

Dyeing techniques: Tie & dye-knotting, pegging, pleating, Object tying, Random tying and Marbling.

# Unit V (6 hours)

Product development

# TEACHING METHODS

Power point presentation/Seminar/ Discussion/Assignment / Google classroom

**TEXT BOOKS**

1. Navneetkaur, (2010).*Comdex Fashion Design, Vol-I Fashion Concepts.* New Delhi : Dream Tech Press.
2. Wingate IB, (2006).*Textiles-Fabrics and their Selection.* Chennai*:* Allied Publishers.
3. SusheelaDantyagi , (2006*). Fundamentals of Textiles and Their Care,* Orient Longmann

Ltd.

# REFERENCES

1. E- Pellow, (2007). *Dyes and Dyeing.* Chandigarh: Abhishek Publications.
2. Ajay Kr. Gupta, (2005).*Textile Processing with Effluent Treatment.* New Delhi.
3. J.L. Smith, (2009).*Textile Processing, Printing, Dyeing, Finishing*. Abhishek Publications.
4. J.L. Smith, (2000). *Textile Processing*. Chandigarh: Abhishek Publications.
5. W.S. Murphy, (2007). *Textile finishing*. Chandigarh Murphy Publications.

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| **Programme:** JOC | COSTUME DESIGN AND FASHION |
| BATCH  2022 - 2023 | HAND PRINTING TECHNIQUES |

# Objectives

**Total Hours- 30**

* To enable students to gain knowledge on colour and its value addition on fabric.
* To gain practical skill in printing techniques – Stencil and Blocks.

# SYLLABUS

**Unit I (6 hours)**

Colour, colour theory, prangs colour chart, colour harmonies

# Unit II (6 hours)

Printing, preparatory process of fabric and table for printing,

# Unit III (6 hours)

Styles of printing- stencil – preparation of stencil and stenciling techniques – Positive, Negative (Sponge, Spray and Brush).

design.

# Unit IV (6 hours)

Block- Preparation and application of vegetable blocks and Wooden blocks – border and overall

# Unit V (6 hours)

Product development.

# TEACHING METHODS

Google classroom/ Power point presentation/Seminar/ Discussion/Assignment

## TEXT BOOKS

1. Navneetkaur, (2010)

Comdex Fashion Design, Vol-I Fashion Concepts, New Delhi :Dream Tech Press.

1. Wingate IB, (2006). Textiles-Fabrics and their Selection, Chennai: Allied Publishers.
2. Textile Science, (2017), [RastogiDeepali,](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Rastogi%2BDeepali&search-alias=stripbooks) [Chopra Sheetal,](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Chopra%2BSheetal&search-alias=stripbooks) Orient Black Swan.

# REFERENCES

1. E- Pellow, (2007). Dyes and Dyeing. Chandigarh: Abhishek Publications.
2. Ajay Kr. Gupta, (2005).Textile Processing with Effluent Treatment. New Delhi.
3. J.L. Smith, (2009).Textile Processing, Printing, Dyeing, Finishing. Abhishek Publications.
4. J.L. Smith, (2000). Textile Processing. Chandigarh: Abhishek Publications.
5. W.S. Murphy, (2007). Textile finishing. Chandigarh Murphy Publications.

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| **Programme:** JOC | COSTUME DESIGN AND FASHION |
| BATCH 2022 - 2023 | JEWELLERY MAKING |

# Total Hours- 30

**Objectives**

* + To impart knowledge on fashion jewelry making
  + To provide opportunity for skill development in jewelry making

# SYLLABUS

**Unit I (6 hours)**

Jewellery, Materials used for Jewellery making, Tools required

# Unit II (6 hours)

Making of Earings, Neck chains

# Unit III (6 hours)

Making of anklets, Bracelets

# Unit IV (6 hours)

Making of hip chains, rings

# Unit V (6 hours)

Making of Bangles

# TEACHING METHODS

Google classroom /Power point presentation/Seminar/Discussion/Assignment

**TEXTBOOKS**

1. Phyllis Tortora, (2005).*Encyclopedia of Fashion Accessories*, OM Books International
2. Hanlyn Octopus, (2001).*Professional Skills Made Easy,* New York :Octopus Publishing Group.
3. Herbert Barthm , (2002).*Easy to Make Book .vol:1-vol:18*.Octopus New York :Publishing group .
4. Olivier Gerval (2010).*Fashion Accessories*. Fire Fly Books Ltd.

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| **Programme:** JOC | COSTUME DESIGN AND FASHION |
| BATCH  2022 - 2023 | Pr. PATTERN DRAFTING |

# Total Hours- 30

**Objectives**

* To enable students to gain knowledge on body measurements
* To gain practical skill in drafting the patterns for apparels.

# SYLLABUS

1. **Customer profile**

Body Measurements

Preparation of Standardized Body measurement Chart

# Designing and Drafting basic apparel for

1. **Children**
   * Bib, Panty, Jabla
   * Summer Frock
   * Sun Suit

# Women

* + Saree Petticoat
  + Midi
  + Midi top
  + Blouse
  + Nighty
  + Salwar
  + Kameez

# Men

* + Full Sleeve Shirt
  + Pleated Trouser
  + SB Vest
  + Nehru Kurta
  + Night Dress

1. Prepare commercial pattern for any one of the garment- Children, Women and Men.

# TEACHING METHODS

Google classroom/ Power point presentation/Seminar/Discussion/Assignment

**TEXT BOOKS**

* 1. *Zarapkar (*2005). *Zarapkar System of Cutting* New Delhi: Navneet publications.
  2. GayatriVerma, (2006).*Cutting and Tailoring Course*. New Delhi: Asian publishers.
  3. GayathriVerma,(2015).*Cutting and Sewing Theory for cutting and sewing dress making (combination Edition for semester I& II).*New Delhi: Asian Publishers.
  4. Rahul Jewel,(2005). *Encyclopedia of Dress Making.* New Delhi: AP.H Publishing Corporation.

# REFERENCES

1. ManmeetSodhia, *Dress Designing* Ludhiana: Kalyani Publishers.

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| **Programme:** JOC | COSTUME DESIGN AND FASHION |
| BATCH  2022 - 2023 | NATURAL DYEING |

# Total Hours- 30

**Objectives**

* + To enable students to gain knowledge on natural colours and its value addition on fabric.
  + To gain practical skill in natural dyeing techniques

# SYLLABUS

**Unit I (6 hours)**

Natural Dyes source and mordants – collection of natural dye source and its preparatory process, collection of natural mordants

# Unit II (6 hours)

Natural dye extraction methods – Fresh and dry method, Distillation extraction method

# Unit III (6 hours)

Mordanting techniques – Pre, Post and simultaneous Mordanting

# Unit IV (6 hours)

Dyeing method – Dip and dry method

# Unit V (6 hours)

Product development

# TEACHING METHODS

Power point presentation/Seminar/ Workshop/Discussion/Assignment/Google classroom

**TEXT BOOKS**

1. Art and Science of Natural Dyes: Principles, Experiments andResults (2018) Spiral-bound, [Joy](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Joy%2BBoutrup&search-alias=stripbooks) [Boutrup](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Joy%2BBoutrup&search-alias=stripbooks) and [Catharine Ellis,](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=Catharine%2BEllis&search-alias=stripbooks)
2. True Colors: (2019 )World Masters of Natural Dyes and Pigments, [Keith Recker,](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Keith%2BRecker&search-alias=stripbooks) Linda Lingon Publisher,

# REFERENCES

1. Handbook of Natural Plant Dyes (2010) Paperback, [Sasha Duerr](https://www.amazon.in/Sasha-Duerr/e/B003GOIR84/ref%3Ddp_byline_cont_book_1),Timber Press.
2. Natural Dyes, (2015), [RameshwarDayal,](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Rameshwar%2BDayal&search-alias=stripbooks) I.K International Publishing House Pvt Ltd, New Delhi.
3. Natural Color: (2016)Vibrant Plant Dye Projects for Your Home, , [Sasha Duerr](https://www.amazon.in/Sasha-Duerr/e/B003GOIR84/ref%3Ddp_byline_cont_book_1), Watson Guptil Publications, New York.

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| **Programme:** JOC | COSTUME DESIGN AND FASHION |
| BATCH  2022 - 2023 | HANDMADE PAPER MAKING |

# Total Hours- 30

**Objectives**

* + To enable students to gain knowledge on cellulosic papers and plants
  + To gain practical skill in handmade paper making techniques

# SYLLABUS

**Unit I (6 hours)**

Collection of Cellulosic paper scraps , steps in paper making.

# Unit II (6 hours)

Preparation of mould and deckle

# Unit III (6 hours)

Collection of plants for paper making

# Unit IV (6 hours)

Eco coloring – dyeing, natural flowers and leafs, Eco printing – stencil and block, Marbling

# Unit V (6 hours)

Product making- paper bags, gift boxes, book covers, Book mark, cards and wall hangings.

# TEACHING METHODS

Power point presentation/Seminar/ Workshop/ Discussion/Assignment/Google classroom

**TEXT BOOKS**

1. Papermaking Techniques book, (2001) John Plowman, , F & W Publications.
2. The Papermaker's Companion: (2000) The Ultimate Guide to Making and Using Handmade Paper Paperback, [Helen Hiebert](https://www.amazon.com/Helen-Hiebert/e/B001JRZ1KM/ref%3Ddp_byline_cont_book_1),
3. The Handmade Paper Book (Handmade Series) (2004), Paperback, [Angela Ramsay,](https://www.amazon.com/Angela-Ramsay/e/B001JWS84I/ref%3Ddp_byline_cont_book_1) New Holland Publishers, London.

|  |  |
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| **Programme:** JOC | COSTUME DESIGN AND FASHION |
| BATCH  2022 - 2023 | FASHION TRIMS |

# Total Hours- 30

**Objectives**

* + To enable students to gain knowledge on different type of trims used in fashion industry
  + To gain practical skill in making handmade trims

# SYLLABUS

**Unit I (6 hours)**

Tassels, Pompoms, Button – Cloth button

# Unit II (6 hours)

Pearl trimmings, ruffles, frills, Cord trims,

# Unit III (6 hours)

Plain and Knotted fringes

# Unit IV (6 hours)

Beads – cloth bead, thread beads, embroidery edges, crochet edges

# Unit V (6 hours)

Appliques- sticking and stitching appliques using beads, sequins and painting.

# TEACHING METHODS

Power point presentation/Seminar/ Workshop/ Discussion/Assignment/Google classroom

**TEXT BOOKS**

1. *Fashion Trims*: Customize and Create Clothes & Accessories, (2008.)Turner Louise, *Book* Description Jacqui Small LLP 2008-09-25,
2. 1001 Ideas for Trimwork: (2005)The Ultimate Source Book For Decorating With Trim &Molding (Creative Homeowner) Hundreds of Designs to Bring Warmth & Character to Every Room of Your Home,
3. How to Make 100 Ribbon Embellishments: (2014)Trims, Rosettes, Sculptures, and Baubles for Fashion, Decor, and Crafts, [Elaine Schmidt](https://www.amazon.in/Elaine-Schmidt/e/B00A4FI1IY/ref%3Ddp_byline_cont_book_1), .

# REFERENCES

* 1. Margo Singer, (2007). Textile Surface Decoration: Silk and Velvet, Textile handbook, A and C Black Publishers, Great Britain.
  2. Jewelled Textiles: (2016). Gold and Silver Embellished Cloth of India, Om Books International, 5. Dueep Jyot Singh, John Davidson,
  3. Mabel Van Niekerk, (2015). Recycled Denim Crazy Patchwork Quilt, Mabel Dawn Van Niekerk, South Africa.

# Kongunadu Arts and Science College (Autonomous) Coimbatore-29

**DIPLOMA IN FASHION DESIGN**

# Duration: 1 year

Curriculum, Scheme of Examinations and Syllabi (With effect from academic year 2022-23 and onwards)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.**  **No** | **Subject code** | **Title of The Paper** | **Instruction Hours** | | **Exam Marks** | | | **Duration of Examination** |
| **THEORY** | **PRACTICAL** | **CIA** | **ESE** | **Total** |
| 1 | 22CDF01 | Basics of Fashion Designing | 60 | - | 50 | 50 | 100 | 3 Hrs |
| 2 | 22CDF02 | Fundamentals of  Apparel Designing | 60 | - | 50 | 50 | 100 | 3 Hrs |
| 3 | 22CDF03 | Garment Construction and Fabric  Embellishments | - | 60 | 50 | 50 | 100 | 3 Hrs |
|  | **Total Marks** | | | | | | **300** | - |

# The examination will be conducted at the end of the academic year ESE Question paper pattern

**Theory papers: 100 marks** Maximum Internal Marks = 50 marks Maximum External Marks = 50 Marks

Section - A Multiple choice (10), Fill ups (5) and one word answer (5) - (20 X 1 = 20 Marks) Section - B Short Answer 5 out of 8 - (5x5=25 Marks)

Section - C Essay Type – 3 out of 5 - (3x10=30 Marks)

# Practical Papers:

Maximum Internal Marks = 50 marks Maximum External Marks= 50marks Practical = 45 marks

Record = 5 marks

# ELIGIBLITY: H.Sc Passed

**22CDF01**

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| **Programme:** Diploma | COSTUME DESIGN AND FASHION |
| **Course Code:** 22CDF01 | BASICS OF FASHION DESIGNING |

# (Total hours - 60)

**Objectives**

* To enable students to gain knowledge of fashion design
* To understand the fashion design concept and process.

# Syllabus

**UNIT I (12 hours)**

**FASHION TERMINOLOGIES** – Fashion, Fad, Style, Classic, Collection, Custom Made, Mannequin, High Fashion, Trend, Advantage, Bridge, Buying House, Fashion Merchandising, Fashion Cycle, Forecasting, Haute Couture, Couture, Couturier, Pre- A-Porter. Theories of fashion – Trickle down, Bottom up, and Trickle across.

# UNIT II (12 hours)

**DESIGN & ELEMENTS OF A DESIGN** – Design- Definition, Types – Structural and Decorative design. Elements of a Design – Line, Shape or Form, Colour, Size and Texture and Illustrating garment design using elements of design.

# UNIT III (12 hours)

**PRINCIPLES OF DESIGN** – Balance – Formal and Informal, Rhythm – through Repetition, Radiation and Gradation, Emphasis – grouping of design units, using contrast hues, by leading lines, a combination of any of the above, repeating details such as tucks, gathers, buttons, etc., unusual shapes and textures, applied design on a contrast background, Harmony and Proportion- planning of the basic shapes and division of shapes for a good relationship and Illustrating garment design using principles of design.

# UNIT IV (12 hours)

**COLOUR** –-Meaning, Dimensions of Colour - Prang colour theory, colour harmonies - Monochromatic, Analogous, Complementary, Double complementary, **\*Spilt complementary,** and Triad colour harmony and illustrating garment design using colour harmonies.

# UNIT V (12 hours)

**DESIGNING DRESSES FOR FIGURE IRREGULARITIES** – Becoming and Unbecoming

,Stout figure, Thin Figure, Slender Figure, Large Bust, Flat Chest, Large Hip, Large Abdomen, Round Face, Large Face, Small Face, Prominent Chin and Jaw, Prominent Forehead, Narrow Shoulders, Broad Shoulders, Round Shoulders.

# \* self study

**Questions can also be taken from self study Teaching Methods**

Google classroom /PowerPoint presentation/Seminar/Discussion/Assignment

# TEXT BOOKS

1. (2002).*The Dynamics of fashion Elaine Stone*. New York: Fair child Publications.
2. Payal Jain, Anand, (2005).*Fashion Studies An Introduction.*India Publications Pvt., Ltd.

# REFERENCES

1. Meenakshi Narang, (2001).*Fashion Technology handbook*. Asia pacific Business Press.
2. Sudhir Gupta, (2006).Handbook of Garment Manufacturing Technology, Delhi : EIRI Board.
3. Poojakhurana and Monikasrthi, (2007). *Introduction to Fashion Technology*. New Delhi: Firewall Media Pvt, Ltd.
4. Sumathi. G.J, (2002). *Elements of Fashion and Apparel Design.* New Delhi: New Age International publishers.

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| **Programme:** Diploma | COSTUME DESIGN AND FASHION |
| **Course Code: 22CDF02** | FUNDAMENTALS OF APPAREL DESIGNING |

**(Total hours - 60)**

# Objectives

* + To enable students to gain knowledge of basic seam and seam finishes
  + To enable students to know various types of Neckline, Sleeve, Collar, Skirts and Pant.

**Syllabus**

# UNIT I (12 hours)

**SEAMS AND FULLNESS** – Seams - Plain, Single top stitch, Double top stitch, Welt, Lapped, Slot, Flat Fell, French, Mantua Maker’s ,Piped Seam. Seam finishes - Edge stitch, Double Stitch, Overcast, Herringbone, Bound seam edge finish. Hems-Seam binding, Catch stitched, Narrow Machine Stitched, Rolled or Whipped finish, Shell Edged. Fullness: Darts - Single Pointed, Double pointed. Tucks

- pin, piped or corded , shell or scalloped, cross tucking , group tuck with scalloped effect, Pleats - knife, box , Inverted, kick, pinch ,cartridge Godets, Flares, Gathering - hand, machine, using elastic, with cord piping. Shirring or gauging, ruffle – single, double, circular Ruffle.

# UNIT II (12 hours)

**NECKLINE**- Types of Necklines- V- Neckline, U- Neckline, \*Round Neckline, square Neckline, [halter](http://en.wikipedia.org/wiki/Halterneck) necklines, sweetheart necklines, Off-Shoulder neckline, Boat Neckline, Cowl Neckline, keyhole neckline, Jewel Neckline, Scoop Neckline, Asymmetric neckline.

# UNIT III (12 hours)

**SLEEVE** - Types of sleeves - Plain Sleeve, Puff at Top Sleeve, Puff Sleeve At Bottom , Puff At Top And Bottom Sleeve, Bishop Sleeve, Circular Sleeve, Leg-O-Mutton Sleeve, Raglon Sleeve, Bell Sleeve, Tulip Sleeve, Cap Sleeve, Kimono Sleeve, Batwing(Magyar) Sleeve, Dolman Sleeve, Epaulet Sleeve, Victorian Sleeve.

# UNIT IV (12 hours)

**COLLAR** - Parts of Collar -Types of Collars - Peter Pan collar, Cape collar, Scalloped Collar, Puritan collar, Sailor collar, Square Collar, Rippled Collar, Full roll convertible collar, Turtle neck collar, Tie collar, Shirt Collar, Chinese collar, Shawl collar.

# UNIT V (12 hours)

**SKIRTS AND PANT-** Skirts- Types of Skirts- Six and Four gore skirt, Circular Skirt, Pleated Skirt, Tulip Skirt, Wrap around Skirt, Layered Skirt, Godet Skirt, A-Line Skirt, and Ballon Skirt. Pant – Parts of Pant - Types of Pants – Pleated Pant, Bell bottom pant, Flared Pant, Heram Pant, Jodhpur, and Tights.

# \* Self study

**Questions can also be taken from self study**

# TEACHING METHODS

Google classroom/ PowerPoint presentation/Seminar/Discussion/Assignment

**TEXT BOOKS**

1. Sumathi.G.D, (2005).*Elements of Fashion and Apparel Designing,* New Delhi: New Age International.
2. Mary Mathews (1990) ,*Practical Clothing Construction- Part I and II,*Madras :Cosmic Press.

# REFERENCES

1. ManmeetSodhia, (2006), *Dress Designing*, Ludhiana :Kalyani Publishers.
2. Zarapkar (2005). Zarapkar System of Cutting, New Delhi: Navneet publications.

# 22CDF03

**Programme:** Diploma COSTUME DESIGN AND FASHION

**Course Code:** 22CDF03

PRACTICAL - GARMENT CONSTRUCTION AND FABRIC EMBELLISHMENTS

# Objectives

* + To impart practical knowledge in various surface ornamentation techniques

# (Total Hours- 60)

* + To enable the students gain practical knowledge on different embroideries of India.

# Syllabus

**UNIT I (12 hours)**

**BODY MEASUREMENTS AND PATTERN DRAFTING** – Importance, Preparation for measuring, Ladies , men’s and children’s measurements. Drafting pattern for basic front and back bodice on personal measurements or standard measurements.

# UNIT II (12 hours)

**SEAMS AND FULLNESSAND FASTNERS** Seams-Plain ,Single top stitch,Seam finishes - Edge stitch, Hems**-**Seam binding, FULLNESS- Darts **-** Single pointed, Tucks - pin tuck, Pleats - knife pleat, Gathering - hand gathering, Fastners **–** Button, Buttonhole, Preparation of One Sample for Each

# UNIT III (12 hours)

**DESIGN AND CONSTRUCT-**Jabla with puff sleeve, variations in neckline, with placket opening.

# UNIT IV (12 hours)

**EMBROIDERY**- Introduction, Meaning of Embroidery, Equipment and Materials used for embroidery, Embroidery designs, Planning the embroidered article, Methods of Transferring designs, Types of Design- Naturalistic,Conventional, Geometric, Abstract, Historic, Biomorphic. BASIC EMBROIDERY STITCHES - Hand Embroidery Stitches - chain, feather, stem, fishbone, fly, satin, Herringbone, Lazy- daisy, Bullion knot and buttonhole. - Machine Embroidery Stitches, Traditional embroidery-anyone

# UNIT V (12 hours)

**TRIMMINGS AND DECORATIONS** - Mirror, beads, sequins, zardosi, stone work, Fringes and tassels, laces, smocking, Pompoms, Patchwork, appliqué. Fabric painting- Techniques - Stenciling, Brush,

# TEACHING METHODS

PowerPoint presentation/Seminar/Discussion/Assignment / Google classroom

**TEXT BOOKS**

1. GayatriVerma, (2006).Cutting and Tailoring Course, Asian publishers.
2. Sandra Dextrixhe, (2004).Every Thing Sewing Book, Avon, MA: Adams Media.

# REFERENCES

1. Premlathe Mullick, (2007).*Text Book of Home Science*. New Delhi: Kalyani Publishiers.
2. Valeric Campbell, (2004). *Bead Embroidery. HardingPamella watts*. published B.T. Batsford Ltd.

# Kongunadu Arts and Science College (Autonomous) Coimbatore-29

**DIPLOMA IN GARMENT CONSTRUCTION**

# Duration: 1 year

Curriculum, Scheme of Examinations and Syllabi (with effect from academic year 2022-23 and onwards)

|  |  |  |  |  |  |  |  |  |
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| **S.**  **No** | **Subject code** | **Title of The Paper** | **Instruction Hours** | | **Exam Marks** | | | **Duration of Examination** |
| **THEORY** | **PRACTICAL** | **CIA** | **ESE** | **Total** |  |
| 1 | 22CDG01 | Pattern Making and Garment  Construction | 60 | - | 50 | 50 | 100 | 3 Hrs |
| 2 | 22CDG02 | Garment  Designing and Construction-I | - | 60 | 50 | 50 | 100 | 3 Hrs |
| 3 | 22CDG03 | Garment  Designing and Construction-II | - | 60 | 50 | 50 | 100 | 3 Hrs |
|  | **Total Marks** | | | | | | **300** | - |

# The examination will be conducted at the end of the academic year ESE Question paper pattern

**Theory papers: 100 marks** Maximum Internal Marks = 50 marks Maximum External Marks = 50 Marks

Section - A Multiple choice (10), Fill ups (5) and one word answer (5) - (20 X 1 = 20 Marks) Section - B Short Answer 5 out of 8 - (5x5=25 Marks)

Section - C Essay Type – 3 out of 5 - (3x10=30 Marks)

# Practical Papers:

Maximum Internal Marks = 50 marks Maximum External Marks= 50marks Practical = 45 marks

Record = 5 marks

# ELIGIBLITY: H.Sc Passed

**22CDG01**

|  |  |
| --- | --- |
| **Programme:** Diploma | COSTUME DESIGN AND FASHION |
| **Course Code:** 22CDG01 | PARTERN MAKING AND GARMENT CONSTRUCTION |

**(Total hours - 60)**

# Objectives

* To enable students to gain knowledge of basic seam and seam finishes
* To enable students to know various types of Neckline, Sleeve, Collar, Skirts and Pant.

**Syllabus**

# UNIT –I (12 hours)

**MACHINE PARTS, TOOLS AND BODY MEASUREMENTS** - Parts and function of a single needle machine, essential tools-cutting tools, measuring tools, marking tools, pressing tools. Body measurements-importance, preparing for measuring, ladies, men, children measurements. Definition - grain, on grain, cross grain, bias, and selvedge

# UNIT II (12 hours)

**NECKLINE AND SLEEVES** – Nekline - Types of Neklines- V- Neckline, U- Neckline, Round Neckline, square Neckline, [Halter](http://en.wikipedia.org/wiki/Halterneck) neckline, sweetheart neckline, Off-Shoulder neckline, Boat Neckline, Cowl Neckline, keyhole neckline, Jewel Neckline, Scoop Neckline, Asymmetric neckline.Sleeve - Types of sleeves - plain sleeve, puff at top sleeve, puff sleeve at bottom , puff at top and bottom sleeve, Bishop sleeve, Circular sleeve, Leg-o-Mutton sleeve, Raglon Sleeve, Bell sleeve, Tulip Sleeve, Cap sleeve, Kimono sleeve, Batwing(Magyar) sleeve, Dolman Sleeve, Epaulet sleeve, Victorian Sleeve.

# UNIT III (12 hours)

**COLLAR, SKIRTS AND PANTS**- Parts of Collar -Types of Collars - Peter Pan collar**,** Cape collar, Scalloped collar, Puritan collar, Sailor collar, \*Square collar, Rippled collar, Full roll convertible collar, Turtle neck collar, Tie collar, Shirt collar, Chinese collar, Shawl collar. Skirts and Pant: Skirts- Types of Skirts- Six and Four gore skirt, Circular Skirt, Pleated Skirt, Tulip Skirt, Wrap around Skirt, Layered Skirt, Godet Skirt, A-Line Skirt, and Ballon Skirt. Pant – Parts of Pant - Types of Pants – Pleated Pant, Bell bottom pant, Flared Pant, Heram Pant, Jodhpur, and Tights.

# UNIT IV (12 hours)

**PATTERN MAKING –** Methods of pattern making Types of paper patterns - Pattern details. Steps in drafting bodice front, bodice back and sleeve. Grading definition- Basic Bodice Front and **\*Basic sleeve**

# UNIT V (12 hours)

**PATTERN LAYOUT** – definition, purpose, rules in layout, types of layout (methods), What can be done if cloth is insufficient, fabric cutting, transferring pattern markings, stay stitching and ease stitching.

# \* self study

**Questions can also be taken from self study TEACHING METHODS**

Google classroom/ PowerPoint presentation/Seminar/Discussion/Assignment

# 22CDG01

**TEXT BOOKS**

1. Sumathi.G.D,(2005).*Elements of Fashion and Apparel Designing.* New Delhi: New Age International.
2. Mary Mathews,(1990). *Practical Clothing Construction- Part I and II,* Madras:Cosmic Press.

# REFERENCES

1. ManmeetSodhia, 2001, *Dress Designing* Ludhiana: Kalyani Publishers.
2. *Zarapkar (*2005). *Zarapkar System of Cutting* New Delhi: Navneet publications.

**Programme:** Diploma COSTUME DESIGN AND FASHION

**Course Code:** 22CDG02 PRACTICAL-I - GARMENT DESIGNING AND

CONSTRUCTION-I

# 22CDG02

**Objectives**

* + To enable students gain knowledge of basic seam and seam finishes.

**(Total hours - 60)**

* + To enable students know various types of Neckline, Sleeve, Collar, Skirts and Pant.

**Syllabus**

1. **SEAMS AND FULLNESS**

**Seams**-Plain ,Single top stitch, Double top stitch, Welt, Lapped, Slot, Flat Fell, French, Mantua Maker’s ,Piped Seam.

**Seam finishes** - Edge stitch, Double Stitch, Overcast, Herringbone, Bound seam edge finish.

**Hems-**Seam binding, Catch stitched, Narrow Machine Stitched, Rolled or Whipped finish, Shell Edged.

# Preparation of One Sample for Each

1. **FULLNESS AND FASTNERS**

**Darts -** Single Pointed, Double pointed.

**Tucks** - Pin, Piped or corded, cross tucking, shell or scalloped, group tuck with scalloped effect

**Pleats** - knife, box, inverted, kick, pinch, cartridge, Godets, Flares,

**Gathering** - hand, machine, using elastic, with cord piping. Shirring or gauging,

**Ruffle** – single, double, circular Ruffle.

**Fasteners –** Button, Buttonhole, Press button, Hook and Eye.

# Preparation of One Sample for Each

1. **CONSTRUCTION OF CHILDRENS WEAR**

Designing and construction of the following dresses:

1. Bib
2. Panties-Plain and elastic panty
3. Jabla features:

# I Type II Type

* 1. Sleeveless a) With Sleeve
  2. Close neck b) Boat neck
  3. With open c) With open

1. Summer frock-with suspender at shoulder line, fullness at neck line.

# TEACHING METHODS

Google classroom /Power Point presentation/Seminar/Discussion/Assignment

**TEXT BOOK**

1.Alison Smith, (2009). *The Sewing Book.* Britain: Darling Kindersley Ltd.

2.K.R Zarapker, (2005). *Zarapkar System of Cutting.* New Delhi: Navneet publications.

3.Raul Jewel, (2005). *Encyclopedia of Dress Making*. New Delhi: A.P.H. Publishing Corporation.

# REFERENCES

1. Gayatri Verma & KapilDev, (2005). *Cutting and Tailoring Course*. New Delhi: Asian Publishers.
2. The Reader’s Digest Association, (2004*). Reader’s Digest Sewing Guide, Complete Guide for Sewing, 13th Edition.* The Reader’s Digest Association Inc, Pleasant Ville.
3. Thangam Subramaniam, (2006*). Dress Making*. Chennai : Bombay tailoring and Embroidery college.

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| **Programme:** Diploma | COSTUME DESIGN AND FASHION |
| **Course Code:** 22CDG03 | PRACTICAL-II - GARMENT DESIGNING AND CONSTRUCTION-II |

**(Total hours - 60)**

# Objectives

* To enable students learn the aspects of pattern construction.
* To enable students to design and construct various Ladies and Men’s Garment Making.

**Syllabus**

# CONSTRUCTION OF LADIES WEAR

* + **SALWAR –**with/without pleats
  + **KAMEEZ -**with neckline variation, with /without slit, full/half sleeve
  + **BLOUSE-** front opening, with yoke, \*plain sleeve

# CONSTRUCTION OF MENS WEAR

* + **NIGHT SHIRT –**with / without pocket
  + **NIGHT PANT-**with side seam pocket

# TEACHING METHOD

Google classroom / PowerPoint presentation/Seminar/Discussion/Assignment

**TEXT BOOK**

1.K.R Zarapker, (2005). *Zarapkar System of Cutting.* New Delhi: Navneet publications.

2.Raul Jewel, (2005). *Encyclopedia of Dress Making*. New Delhi: A.P.H. Publishing Corporation.

# REFERENCES

1. Gayatri Verma & Kapil Dev, (2005). *Cutting and Tailoring Course*. New Delhi: Asian Publishers.
2. The Reader’s Digest Association, (2004*). Reader’s Digest Sewing Guide, Complete Guide for Sewing, 13th Edition.* The Reader’s Digest Association Inc, Pleasant Ville.

# Kongunadu Arts and Science College (Autonomous)

**Coimbatore-29**

# DIPLOMA IN GARMENT MERCHANDISING

Duration: 1 year

Curriculum, Scheme of Examinations and Syllabi (With effect from academic year 2022-23 and onwards)

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| **S.**  **No** | **Subject code** | **Title of The Paper** | **Instruction Hours** | | **Exam Marks** | | | **Duration of Examination** |
| **THEORY** | **PRACTICAL** | **CIA** | **ESE** | **Total** |
| 1 | 22CDM01 | Basics of Textile and Apparel design | 60 | - | 50 | 50 | 100 | 3 Hrs |
| 2 | 22CDM02 | Introduction to Garment Merchandising | 60 | - | 50 | 50 | 100 | 3 Hrs |
| 3 | 22CDM03 | Apparel Designing and Textile Testing | - | 60 | 50 | 50 | 100 | 3 Hrs |
|  | **Total Marks** | | | | | | **300** | - |

# The examination will be conducted at the end of the academic year ESE Question paper pattern

**Theory papers: 100 marks** Maximum Internal Marks = 50 marks Maximum External Marks = 50 Marks

Section - A Multiple choice (10), Fill ups (5) and one word answer (5) - (20 X 1 = 20 Marks) Section - B Short Answer 5 out of 8 - (5x5=25 Marks)

Section - C Essay Type – 3 out of 5 - (3x10=30 Marks)

# Practical Papers:

Maximum Internal Marks = 50 marks Maximum External Marks= 50marks Practical = 45 marks

Record = 5 marks

# ELIGIBLITY: H.Sc Passed

**22CDM01**

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| **Programme:** Diploma | COSTUME DESIGN AND FASHION |
| **Course Code:** 22CDM01 | BASICS OF TEXTILE AND APPAREL DESIGN |

**(Total hours - 60)**

# Objectives

1. To inculcate the knowledge of fiber to yarn conversion and Fabric Formation methods.
2. To gain knowledge in Basics of Designing and Garment Making

**Syllabus**

# UNIT I (12 hours)

**FIBRE AND YARN MANFACTURE -** Introduction to the field of Textiles – classification of fibres

.Manufacturing process, Properties and Uses of Natural fibres – Cotton, Silk, Man-made fibres –rayon, polyester. Spinning – Definition- Blending, Blow room, Carding, Combing, Drawing. Other spinning methods - Wet and Dry spinning, Melt spinning, Bicomponent spinning, Biconstituent spinning, Integrated Composite spinning.

# UNIT II (12 hours)

**FABRIC FORMATION -**Weaving – Definition, Loom -Parts and its Function, Weaving Process- Shedding, Picking , Beating up and Letting off. Basic Weave- Plain, Twill and Satin.Knitting- Definition- Classification – Parts of Knitting Machine, Knitting Cycle and Knitting Notation. Weft Knitting- Single Jersy, Warp Knitting- Tricot. Difference between Woven and Knitted Fabric.

# UNIT III (12 hours)

**WET PROCESSING** - Sequence of Processing- singeing, desizing, scouring, bleaching, mercerizing. Dyeing – Dyes – classification. Stages of dyeing – Fibre, Yarn, Fabric and Garment – process involved. Methods of Dyeing; Batch dyeing – Winch, Jigger, Jet Dyeing. Printing – introduction to printing, differences between Printing and Dyeing. Block printing, \*Stencil printing, Screen printing. Finishes- Moire, Schreiner, Water repellent, Flame Retardant, Moth and Mildew.

# UNIT IV (12 hours)

**APPAREL DESIGNING-**Design –definition, types-Elements of Design-Principles of Design-Colour- Prang colour Theory-Pattern Making-Steps in Drafting –Bodice Front, Back and Sleeve

# UNIT V (12 hours)

**GARMENT MAKING-**Types of Seams, Plackets- Two piece, Continuous bound Placket – Neckline - Round, Square- Yokes- Simple yoke, Yoke with fullness. Fullness – Definition,

Types. Darts, tucks, Pleats, Flares, And Godets, Gathers and Shirrs, Frills or Ruffles, Flounces. Pockets – Patch pocket, Pocket in a seam. Hand Embroidery Stitches - Chain, Stem, Satin, Herringbone, Lazy-daisy, Bullion knot and Buttonhole.

# \* Self study

**Questions can also be taken from self study**

# TEACHING METHODS

Google classroom /PowerPoint presentation/Seminar/Discussion/Assignment

**TEXT BOOKS**

1. Navneetkaur, (2010).*Comdex Fashion Design Vol-I*. *Fashion Concepts* New Delhi : Dream Tech press.
2. N.Gokarneshan, (2016). Fabric Structure and Design. New Delhi: New Age International.
3. D B Ajgoanker, (2006). *Knitting Technology* Mumbai: Universal Publishing Corporation.

# REFERENCE

1. Sara J Radolph and Anna L Langford, (2002). Textiles – ninth edition, Prentice hall, 9th Edition, New Jersey.
2. J L Smith, (2003). *Textile Processing.* Abhishek Publications. Chandigarh.
3. K R Zarapker, (2005). *Zarapkar System of Cutting,* New Delhi: Navneet publications.

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| **Programme:** Diploma | COSTUME DESIGN AND FASHION |
| **Course Code:** 22CDM02 | INTRODUCTION TO GARMENT MERCHANDISING |

**(Total hours - 60)**

# Objectives

* 1. To inculcate the knowledge Garment Merchandising in Apparel Industry.

**Syllabus**

# UNIT-I (12 hours)

**MERCHANDISER** - Merchandising Definition –Types- Fashion Merchandising, Visual merchandising- Role of Merchandiser-Coordination with various Departments-Buying House and Buying Agency.

# UNIT-II (12 hours)

**BRANDING** –Definitions, reasons for branding, Features of Good brand, Types of Brand and Advantages of Branding, Branding Stages - Brand and Brand Strategies.

# UNIT-III (12 hours)

**RETAILING AND TRADE FAIR**- Retailing-Types of Retailing –-\*Advertising-Supply Chain Management-E-Commerc in Apparel Industry- Trade Fair Participation and Methods of Sales Promotion.

# UNIT-IV (12hours)

**COSTING**- Principle of Costing –Types –Costing a garment-Cost sheet, wholesale. Pricing, costMerchandising.Costing of various Garments-Children,s wear-women,s wear-Men,s wear - Cost Control.

# UNIT-V (12 hours)

**DOCUMENATION**- Quota Countries –Non Quota Countries –Quota Items-Non Quota –TPE-FCFS- NIE-NQE-Role of AEPC-Export Certificate-Special Customs Invoice-GSP-IE Code-Commercial Invoice-Packing List-LC-Bill of Exchange-Procedurs-Guarantee-Term Loans.

# \* Self study

**Question can also be taken from self study**

# TEACHING METHODS

Google classroom/ PowerPoint presentation/Seminar/Discussion/Assignment

**TEXT BOOKS**

1. ManmeetSodhia and Poojachatley,(2001*). Fashion Marketing And Merchandising*.
2. Gini Stephens Fringes, (2002).*Fashion from Concept to Consumers 7th Edition*. Pearson Education.
3. Kitty G. Dickerson, (2003).*Inside the Fashion Business*. Singapore: Peason Education.

# REFERENCE BOOKS

1. Michael T. Fralix, Rajesh Bheda, (2003*). Managing Productivity in the apparel industry*. New Delhi.
2. Pradip V. Mehta, (2006). *Managing Quality in the Apparel Industry.*
3. D.Chandra Bose,(2010).*Modern Marketing: Principles and Practices*. PH1 Learning Pvt. Ltd.
4. Philip Kotler and Kevin Lane, (2006). *Marketing Management.* Delhi Pearson Education Inc.

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| **Programme:** Diploma | COSTUME DESIGN AND FASHION |
| **Course Code:**22CDM03 | PRACTICAL-I - APPAREL DESIGNING AND  TEXTILE TESTING |

**(Total hours - 60)**

# Objectives

1. To enable students to gain knowledge of basic seam and seam finishes, Children, Ladies and Men’s wear.
2. To enable students to know various fiber, yarn and fabric testing methods

**Syllabus**

# SEAMS AND FULLNESS & CHILDREN'S WEAR:

**Seams** - Plain, Single top stitch, Flat Fell, French, Piped Seam. **Seam finishes** - Edge stitch, Double Stitch, Overcast, Herringbone. **Hems-**Seam binding, Catch stitched, Narrow Machine Stitched, Rolled or Whipped. **Fullness -**Darts **-** Single Pointed, \*Double pointed. **Tucks** - pin, piped or corded. **Pleats** - knife, box, Inverted. Godets, Flares, Gathering - using elastic. Shirring or gauging. **Ruffle** – single, double, circular Ruffle.

# Preparation of One Sample for Each

Construction of Children’s Wear - Jabla

# LADIES AND MENS WEAR:

Construction of Ladies Night Pant-With Side Seam Pocket Construction of Mens T-shirt –with/without pocket

# FIBER AND YARN TESTING

Fiber Testing- Burning, Microscopic -Vegetable fibre - Cotton, linen, jute. Animal fiber- silk and wool. Manmade fiber -, Polyester, Rayon Nylon

Yarn Testing - yarn count using wrap reel, Beesleys yarn count, yarn Twist and Crimp Testing

# FABRIC TESTING

GSM, Fabric count, Fabric Weight, Thickness, stiffness, and shrinkage test, Colour Fastness Test - Color matching cabinet, Colorfastness to Sunlight, Washing, and Pressing, Crocking-dry & wet , Colour fastness to perspiration.

# TEACHING METHODS

PowerPoint presentation/Seminar/Discussion/Assignment / Google classroom

**TEXT BOOKS**

* 1. The Reader’s Digest Association, (2004*). Reader’s Digest Sewing Guide, Complete Guide for Sewing, 13th Edition.* The Reader’s Digest Association Inc, Pleasant Ville.
  2. Thangam Subramaniam, (2006*). Dress Making*. Chennai : Bombay tailoring and Embroidery college.
  3. Angappan, Pand R. Gopalkrishnan (2007). *Textile Testing* SSM institute of Textile Technology Students Co-operative stores Ltd.

# REFERENCE

1. Zarapkar (2005). *Zarapkar System of Cutting*. New Delhi: Navneet publications.
2. Handbook of Textile Testing and Quality Control, 2011, [Elliot B. Grover,](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=Elliot%2BB.%2BGrover&search-alias=stripbooks) [D.S. Hamby](https://www.amazon.in/s/ref%3Ddp_byline_sr_book_2?ie=UTF8&field-author=D.S.%2BHamby&search-alias=stripbooks) , Wiley India Edition.