

**Vellalar College for Women, (Autonomus)**

**Thindal, Erode – 12**



**B.Sc., COSTUME DESIGN & FASHION**

**Syllabus**

**2015 – 2016 (Batch onwards)**

- **Curriculum**
- **Scheme of examinations**
- **Credit points**
- **Course syllabus**

Vellalar College for Women (Autonomous), Erode - 12.									
Bachelor of Costume Design And Fashion									
2015 - 2016 Batch onwards									
Course Content and Scheme of Examinations (CBCS Pattern)									
Semester I									
Part	Study Component	Subject Code	Title of the paper	Inst. Hrs./ Week	Exam. Dur. Hrs.	Max. Marks			Credits
						CIA	ESE	Total	
I		15TAMU101 /14HINU01	Language-I	6	3	25	75	100	3
II		13ENHU101	English-I	6	3	25	75	100	3
III	Core – I	13CFUC101	Fundamentals of Apparel	4	3	25	75	100	4
	Practical – I	13CFUCP01	Fundamentals of Apparel	4	3	20	30	50	2
	Practical – II	08CFUCP02	Fashion Illustration	4	3	20	30	50	2
	Allied - I	09CFUA101	Principles of Pattern Making and Grading	4	3	25	75	100	5
IV		09FOCUIES	Environmental Studies	2	3	-	-	100	2
SEMESTER II									
I		15TAMU202 /14HINU202	Language-II	6	3	25	75	100	3
II		13ENHU202	English-II	6	3	25	75	100	3
III	Core – I I	10CFUC202	Principles of Designing	3	3	25	75	100	4
	Practical – III	10CFUCP03	Principles of Designing	3	3	20	30	50	2
	Practical – IV	08CFUCP04	Designing & Manufacturing Children's Apparel	6	4	40	60	100	2
	Allied - II	13CFUA202	Technology of clothing Manufacture	4	3	25	75	100	5
IV		14VEDU2HR	Value Education- Human Rights	2	-	-	100	100	2
<b>TOTAL</b>								<b>1250</b>	<b>42</b>

**Vellalar College for Women (Autonomous), Erode - 12.**

**Bachelor of Costume Design And Fashion**

**2015 - 2016 Batch**

**Course Content and Scheme of Examinations (CBCS Pattern)**

**Semester III**

Part	Study Component	Subject Code	TITLE OF PAPER	Inst. Hrs./ Week	Exam. Dur. Hrs.	Max. Marks			Credits
						CIA	ESE	Total	
III	Practical – V	13CFUCP05	Basic Draping	4	3	40	60	100	2
	Practical – VI	13CFUCP06	Designing & Manufacturing Women's Apparel	6	4	40	60	100	2
	Practical – VII	12CFUCP07	Basic Beauty Care	4	3	40	60	100	4
	Core – III	09CFUC303	Textile Science-I	4	3	25	75	100	4
	Practical – VIII	08CFUCP08	Textile Science-I	3	3	20	30	50	2
	Allied - III	15CFUA303	Historic Costumes and Textiles	4	3	25	75	100	5
IV	Skill Based Subject-I	09CFUSP01		3	3	40	60	100	3
	Non-Major Elective Paper - I	09CFUT301/09CFUAT01/09CFUN301		2	3	-	100	100	2

**Semester IV**

III	Core – IV	12CFUC404	Textile Science-II	5	3	25	75	100	4
	Practical-IX	08CFUCP09	Textile Science-II	3	3	20	30	50	2
	Practical-X	09CFUCP10	Home Furnishing	4	3	40	60	100	2
	Core-V	13CFUC405	Textile Processing-I	5	3	25	75	100	5
	Practical-XI	08CFUCP11	Textile Processing-I	4	3	20	30	50	2
	Allied-IV	13CFUA404	Fashion Clothing Psychology	4	3	25	75	100	5
IV	Skilled Based Subject-II	13CFUS402		3	1	40	60	100	3
	Non Major Elective Paper- II	09CFUT402/09CFUAT03/09CFUNP01		2	3	-	100	100	2

10 Days Internship in Textile Processing units or Garment Manufacturing Units

<b>TOTAL</b>	<b>1450</b>	<b>49</b>
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**Vellalar College for Women (Autonomous), Erode - 12.**

**Bachelor of Costume Design And Fashion**

**2015- 2016 Batch**

**Course Content and Scheme of Examinations (CBCS Pattern)**

**Semester V**

Part	Study Component	Subject Code	Title of the Paper	Inst. Hrs./Week	Exam. Dur. Hrs.	Max. Marks			Credits	
						CIA	ESE	Total		
III	Core – VI	08CFUC506	Computers in Textile Garment Industry	4	3	25	75	100	4	
	Practical – XII	09CFUCP12	CAD-I	5	3	20	30	50	2	
	Practical – XIII	09CFUCP13	Designing & Manufacturing Men's Apparel	6	4	40	60	100	2	
	Core – VII	13CFUC507	Textile Processing-II	4	3	25	75	100	5	
	Practical – XIV	08CFUCP14	Textile Processing-II	3	3	20	30	50	2	
	Elective Paper - I	13CFUE501	Fashion Marketing & Merchandising	5	3	25	75	100	5	
IV	Skill Based Subject-III	11CFUSP03		3	3	40	60	100	3	
<b>Semester VI</b>										
III	Core -VIII	13CFUC608	Quality Control in Apparel Industry	4	3	25	75	100	4	
	practical -XV	09CFUCP15	CAD-II	5	3	20	30	50	2	
	CORE-IX	09CFUC609	Textile Science-III	5	3	25	75	100	4	
	Practical-XVI	09CFUCP16	Textile Science-III	3	3	20	30	50	2	
	Elective Paper- II	13CFUE602	Fabric Care	4	3	25	75	100	5	
	Elective Paper- III	12CFUE6PV	Portfolio Presentation (viva-voce)	6	-	80	20	100	5	
IV	Skill Based Subject-IV	11CFUSP04		3	3	40	60	100	3	
V	Extension Activities		NSS/NCC/ Physical Education/YRC/ Green Society/consumer club/EDP cell	-	-	-	-	100	1	
								<b>TOTAL</b>	<b>1300</b>	<b>49</b>
								<b>TOTAL</b>	<b>4000</b>	<b>140</b>

**Vellalar College for Women (Autonomous), Erode - 12.****Bachelor of Costume Design And Fashion****2015- 2016 Batch****Course Content and Scheme of Examinations (CBCS Pattern)****SKILL BASED SUBJECT**

S.NO	SUBJECT CODE	TITLE OF THE PAPER
1	09CFUSP01	FASHION ACCESSORIES
2	13CFUS402	MULTI SKILL DEVELOPMENT PAPER
3	11CFUSP03	EMBROIDERY
4	11CFUSP04	FABRIC PAINTING TECHNIQUES

**NON MAJOR ELECTIVES**

S.NO	SUBJECT CODE	TITLE OF THE PAPER
1	14TMLU301	BASIC TAMIL
	14TMLU402	
2	14ADTU301	ADVANCED TAMIL
	14ADTU402	
3	09CFUN301	BASICS OF APPAREL DESIGNING
4	09CFUNP02	SURFACE ORNAMENTATION ON FABRIC

**SELF LEARNING PAPERS**

S.NO	SUBJECT CODE	TITLE OF THE PAPER	EXAM DUR.HRS	MAX. MARKS	CREDITS
1	13CFUSLO2	FAMILY CLOTHING	3	100	5
2	13AUGSL05	GENERAL AWARENESS	3	100	5

## SEMESTER –I

### Core Paper-I

#### FUNDAMENTALS OF APPAREL

**Instructional Hrs. 60**

**Sub. Code: 13CFUC101**

**Max.Marks: CIA-25; ESE-75**

**Credits: 4**

#### **Objective:**

- To Learn The Basic Techniques For Sewing.

#### **UNIT –I**

**12 Hrs**

**Essential Tools:** Cutting Tools, Measuring Tools, Marking Tools, *General Tools*, Pressing Tools, Parts and Functions of a Single Needle Machine. **Seams and Seam Finishes:** Types, Working of Seams and Seam Finishes. Hems – Types, Stitches Used.

#### **UNIT – II**

**12 Hrs**

**Fullness:** Definition, Types. Darts, Tucks, *Pleats, Flares and Godets*, Gathers and Shirrs, Frills Or Ruffles, Flounces. Neck Finishes - Facings – Bias Facing, Shaped Facing and Decorative Facing. Binding –Single Bias Binding, Double Bias Binding.

#### **UNIT – III**

**12 Hrs**

**Plackets:** Definition, Characteristics of a Good Placket, Types – Inconspicuous Plackets and Conspicuous Plackets, Constructing Method of the Same. **Fasteners:** Conspicuous (*Button and Button Holes, Button Loops, Button with Holes*, Shank Buttons, Eyelets and Cords). Inconspicuous Buttons (Press Buttons, Hooks and Eyes, Zips).

#### **UNIT – IV**

**12 Hrs**

**Sleeves:** Definition, Types, Set –In – Sleeves- Plain Sleeve, Puff Sleeves, Bishop Sleeve, Bell Sleeve, and Circular. Modified Armhole – Squared Armhole, Cap Sleeve and Magyar Sleeve. Sleeve and Bodice Combined - *Raglan, Kimono and Dolman*.

**Yokes** – Partial, Midriff yoke, Yoke Supporting Fullness, Yoke Realizing Fullness

#### **UNIT – V**

**12 Hrs**

**Collars:** Definition, Types, Peter Pan, Scalloped, Puritan, Sailor, Square, Rippled, Full Shirt Collar, Open Collar, Chinese, Turtle Neck, Shawl Collar.

**Pockets:** Types – *Patch Pocket, Bound Pocket*, Pocket in A Seam, Front Hip Pocket.

**Note: *Italics* denotes Self Study Topics**

**Teaching Method:**

- Lecturing – 20 min
- Demonstration – 15 min
- Practical – 25 min

**Tools Used:**

- 1) Paper patterns were used for demonstration

**REFERENCE BOOK:**

1. **Mary Mathews**, *Practical Clothing Construction* – Part I and II, Cosmic Press, Chennai (1986).
2. *The Complete Book of Sewing* – Dorling Kindersley Limited, London (1986).
3. *Sewing and Knitting – A Reader's Digest, Step – By Step Guide*, Readers Digest Pvt. Ltd, Australia.

**SEMESTER –I**  
**Core Practical-I**  
**FUNDAMENTALS OF APPAREL**

**Instructional Hrs. 60**

**Sub. Code: 13CFUCP01**

**Max.Marks: CIA-20; ESE-30**

**Credits: 2**

**Objectives:**

- To Learn Practically the Basic Techniques for Sewing.
  - To Learn to Prepare the Samples for Seams, Hems, Fullness, Plackets, Sleeves, Collars Etc.,
1. Preparation of Samples for Seams and Seam Finishes.
  2. Preparation of Samples for Hems.
  3. Preparation of Samples Fullness.
  4. Preparation of Samples Facings and Binding.
  5. Preparation of Samples Plackets and Fasteners.
  6. Preparation of Samples Sleeve.
  7. Preparation of Samples Yoke
  8. Preparation of Samples Collar.
  9. Preparation of Samples Pocket.
  10. Prepare Samples for Surface Trimmings
    - A. Ric Rac
    - B. Appliqué
    - C. Smocking
    - D. Belts
    - E. Bows
    - F. Fringes & Tassels

**Note:**

**Teaching method:**

- Lecturing - 15 min
- Demonstration – 15 min
- Practical – 30 min

**Tools used:**

- 1) Fabric, thread and machine



**SEMESTER –I**  
**Core Practical-II**  
**FASHION ILLUSTRATION**

**Instructional Hrs. 60**

**Sub. Code: 08CFUCP02**

**Max.Marks: CIA-20; ESE-30**

**Credits: 2**

**Objectives:**

- To Learn How to Sketch the Basic Silhouettes & Design the Parts of The Garment.
- To Learn How to Sketch the Accessories Like Bags, Footwear, Hats Etc

Prepare Sketches for The Following:

1. Different Types of Collars.
2. Different Types of Sleeves
3. Different Types of Necklines
4. Different Types of Skirts
5. Different Types of Ladies Tops
6. Different Types of Shirt.
7. Different Types of Pant (Half and Full).
8. Different Types of Churidhars.
9. Different Types of Accessories – Bags, Footwear, Hats Etc.,
10. Different Types of Ornaments.
11. Facial Features – Eyes, Nose, Lips, Ears.
12. Face, Hands, Legs – Different Positions.
13. Lay Figure - 7½ Head.
14. Fashion Figure – 8, 10, 12 Head.

**Note:**

**Teaching Method:**

- Lecturing – 20 Min
- Practical – 40 Min

**Tools Used:**

- 1) Chart Papers & Different Types of Pencil.

## SEMESTER –I

### Allied Paper-I

#### PRINCIPLES OF PATTERN MAKING & GRADING

Instructional Hrs. 60

Sub. Code: 09CFUA101

Max.Marks : CIA-25; ESE-75

Credits : 5

#### Objectives:

- To Learn How to Take Body Measurements for The Construction of Garments.
- To Learn How to Make Paper Pattern & Their Pattern Alterations & Grade the Patterns.
- To Learn About the Layout for Cutting the Fabric.

#### UNIT – I

12 Hrs

**Body Measurements:** Importance, Preparing for Measuring, Ladies Measurements, Boys and Men's Measurements. Standardizing Body Measurements – Importance, Techniques Used. Relative Length and Girth Measures in Ladies / Gentlemen.

Preparation of Fabric for Cutting – Importance of Grain In Cutting And Construction, *Steps In Preparing The Fabric For Cutting.*

#### UNIT II

12 Hrs

**Pattern Making:** Methods of Pattern Making – (Drafting and Draping), Merits and Demerits. Types of Paper Patterns (Patterns for Personal Measurements and Commercial Patterns). Principles of Pattern Drafting. Pattern Details. Steps in Drafting Basic Bodice Front, Back and Sleeve. Draping – *Preparation of Body Form.*

#### UNIT – III

12 Hrs

**Dart Manipulation:** Styles Created by Shifting of Blouse Darts, Adding Fullness to The Bodice, Converting Darts to Seams and Partial Yokes and Incorporating Darts into Seams Forming Yokes.

Fitting – Standards of A Good Fit, Steps in Preparing A Blouse for Fitting, Checking the Fit Of A Blouse, *Solving Fitting Problems In A Blouse*, Fitting Techniques.

#### UNIT – IV

12 Hrs

**Pattern Alteration & Grading:** Importance of Altering Patterns, General Principles for Pattern Alteration, *Common Pattern Alteration in A Blouse.*

Pattern Grading – Definition, Types, Manual – Master Grades, Basic Front, Basic Back, Basic Sleeve, Basic Collar and Basic Grading.

## UNIT – V

12 Hrs

**Pattern Layout:** Definition, Purpose, Rules in Layout, Types of Layout (Methods), Layouts for Lengthwise Striped Designs, Fabric With Bold Designs, *Asymmetric Designs*, *One Way Designs*, Concealing The Cloth In Insufficient, Fabric Cutting, Transferring Pattern Markings, Stay Stitching And Ease Stitching.

**Note:** *Italics* denotes Self Study Topics

### Teaching Method:

- Lecturing – 20 Min
- Demonstration – 15 Min
- Practical – 25 Min

### Tools Used:

1) Paper Patterns Were Used for Demonstration.

### REFERENCE BOOK:

1. **Mary Mathews**, *Practical Clothing Construction – Part I & II*, Cosmic Press, Chennai (1986).
2. **Gerry Cooklin**, *Pattern Grading for Women's Clothes*, The Technology of Sizing –Black Well Science Ltd (1990).
3. **Zarapker**, *Zarapker System of Cutting* –. K. R, Navneet Publications Ltd, Mumbai (2006)

**SEMESTER –II**  
**Core Paper - II**  
**PRINCIPLES OF DESIGNING**

**Instructional Hrs. 45**

**Sub. Code: 10CFUC202**

**Max.Marks: CIA-25; ESE-75**

**Credits: 4**

**Objectives:**

- To Learn About the Fashion Industry & Principles of Design in A Dress Design.
- To Learn About the Color Theory & Trimmings.

**UNIT – I**

**9 Hrs**

**Design:** Definition, Types – Structural and Decorative Design and Their Requirements, Elements of Design – Line, Shape, *Colour*, Size, And Texture.

**UNIT – II**

**9 Hrs**

**Principles of Design:** Balance, Rhythm, Emphasis, Harmony and Proportion, *Application of Principles of Design in Dress*.

**UNIT – III**

**9 Hrs**

**Colour:** Definition, Colour Theories – Prang and Munsell Colour System. Dimensions of Colour, Hue, Value and Intensity Standard Colour Harmonies and *The Design Principles Applied to Colour In Dress Design*.

**UNIT – IV**

**9 Hrs**

**Trimmings and Decorations:** Definition, Types – Ric Rac, Lace, Bias Trimmings, Appliqué, Smocking, Belts and Bows, Fringes and Tassels, *Bead Work, Sequins Work*, Mirror Work, Fixing Stones Etc., Selection and Application of Trimmings and Decorations.

**UNIT – V**

**9 Hrs**

**Figure Irregularities:** Stout Figure, Thin Figure, Slender Figure, Narrow Shoulders, Broad Shoulders, Round Shoulders, Large Bust, Flat Chest, Large Hip, Large Abdomen, Round Face, Large Face, Small Face and Broad Face, Prominent Chin and Jaw And Prominent Forehead. Wardrobe Planning and *Factors to Be Considered While Selecting Clothes For Different Age Groups (Men And Women)*.

**Note: *Italics* denotes Self Study Topics**

**Teaching Method:**

- Lecturing – 20 Min
- To Identify Figures from Magazine – 20min
- Seminars – 20 Min

**Tools Used:**

- 1) Visualizing Pictures from Magazine.

**REFERENCE BOOK:**

1. **Bina Abling**, *Fashion Sketch Book* – Fair Child Publications, New York (2005).
2. **Judith Rasband**, *Wardrobe Strategies for Women* –Delmar Publishers London (1987).
3. **Susheela Dantyi** , *Fundamentals Of Textiles And Their Care* – 5<sup>th</sup> Edition, Orient Longman Ltd.New Delhi (2002).
4. **Heannette A Jarnow ET**, *Inside the Fashion Business* – Al, Macmillan Publishing Company, New York (2007).
5. **Mc Jimsey And Harriet**, *Art and Fashion in Clothing Selection* – Iowa State University (1994).

**SEMESTER –II**  
**Core Practical-III**  
**PRINCIPLES OF DESIGNING**

**Instructional Hrs. 45**  
**Max.Marks: CIA-20; ESE-30**

**Sub. Code: 10CFUCP03**  
**Credits: 2**

**Objectives:**

- To Learn How to Prepare Principles of Design in Dress & Application of Colors.
- To Learn How to Prepare the Samples for Surface Trimmings.
- To Learn How to Sketch the Figure Irregularities.

1. Prepare the Samples for The Following

- a) Application of Principles of Design in Dress Design.
- b) Prang Colour Chart.
- c) Value Chart
- d) Intensity Chart.
- e) Standard Colour Harmonies.

2. Designing Dresses for Figure Irregularities – Becoming and Unbecoming

- a) Stout and Thin Figure.
- b) Narrow Shoulders, Broad Shoulders, Round Shoulders
- c) Large Bust, Flat Chest
- d) Large Hip, Large Abdomen
- e) Round Face, Large Face, Small Face, Prominent Chin and Jaw, Prominent Forehead.

**Note:**

**Teaching Methods:**

Lecturing – 20 Min  
Demonstration – 20 Min  
Practical – 20 Min.

**Tools Used:**

1) Charts, Fabric Colors, Surface Enrichment Materials.

## SEMESTER –II

### Core Practical-IV

#### DESIGNING & MANUFACTURING CHILDREN’S APPAREL

Instructional Hrs. 90

Sub. Code: 08CFUCP04

Max.Marks: CIA-40; ESE-60

Credits: 2

#### Objectives:

- To Learn How to Draw the Pattern for Children’s Garment.
- To Learn Different Types of Layout for Cutting the Fabric.
- To Learn How to Stitch the Different Styles of Children’s Garments.

Designing, Drafting and Constructing the Following Garments for The Features Prescribed.

List the Measurements Required and Materials Suitable

Calculate the Cost of The Garment Calculate the Material Required – Layout Method and Direct Measurement Method.

#### 1. Infant Dresses: -

- A) Bonnet - With Knotting or Velcro.
- B) Bib - Variation in Out Line Shapes.
- C) Jabla - With or Without Sleeve Any Neck Variation, With or Without Open.
- D) Panties / Knicker - With or Without Elastic, With or Without Open
- E) Baby Bed Set - Quilting

#### 2. Toddlers Dress

- A) A- Line Petticoat - Neck and Armhole with Facing With/Without Strap, With/Without Gathers.
- B) Summer Frock - With Suspenders at Shoulder Line, Without Sleeve/Collars
- C) Yoke Frock - Yoke at Chest Line, Open Sleeve.
- D) Romper/Sun Suit - Without Sleeve, With/Without Elastic at Thigh.

#### 3. School Going Children’s Dresses

- A) Boys - Shirt - Collar, Patch Pocket  
Shorts - Side Pockets, Pleats, Darts, Fly Open
- B) Girls - Pinafore - Strap, Belt, Without Sleeve, Pleated Skirt, Side Pocket.  
Shirt - Collar, Front Darts.

**Note:**

Teaching Method:

- Lecturing – 10 Min
- Demonstration – 15 Min
- Practical – 35 Min

Tools Used:

1) Sewing Machines, Paper Patterns &amp; Fabrics Used.

**REFERENCE BOOK:**

1. **Mary Mathews**, *Practical Clothing Construction – Part I & II*, Cosmic Press, Chennai (1986).
2. **Gerry Cooklin**, *Pattern Grading for Women's Clothes*, The Technology of Sizing –Black Well Science Ltd (1990).
3. **Zarapker**, *Zarapker System of Cutting* –. K. R, Navneet Publications Ltd, Mumbai (2006)



## SEMESTER –II

### Allied Paper-I

#### TECHNOLOGY OF CLOTHING MANUFACTURE

Instructional Hrs. 60

Sub. Code: 13CFUA202

Max. Marks: CIA-25; ESE-75

Credits: 2

#### Objectives:

- To Learn About Different Types of Machines, Common Problem & Their Remedies.
- To Learn About Stitching Mechanism & Cutting Technology.
- To Learn About Spreading, Marking & Pressing Equipments.

#### UNIT – I

12 Hrs

**Sewing Machineries:** Classifications of Sewing Machines, Parts and Functions of A Single Needle Machine, Double Needle Machine, Over Lock Machine, Bar Tacking Machine, *Button Hole Making Machine*, Button Fixing Machine, Feed – Of – Arm Machine, Blind Stitching Machine, Fabric Examining Machine.

#### UNIT – II

12 Hrs

**Stitching Mechanism:** Needles, Bobbin and Bobbin Case, Bobbin Winding, Loops and Loop Spreader, Threading Finger, Upper and Lower Threading, Auxiliary Hooks, Throat Plates, Take-Ups, Tension Discs – Upper and Lower Thread Tension, Stitching Auxiliaries, Pressure Foot and Its Types, Feed Mechanisms – Drop Feed. Special Attachments, *Care and Maintenance, Common Problems and Remedies.*

#### UNIT – III

12 Hrs

**Spreading & Marking:** Types of Spread and Its Quality, Spreading Equipment and Tools Used for Spreading, Spreading Methods. Marking Methods, Positioning Marking, Types of Markers, Efficiency of a Marker Plan, *and Requirements of Marker Planning.*

#### UNIT – IV

12 Hrs

**Cutting Technology:** Definition, Function, Scope. Cutting Equipment and Tools, Vertical Reciprocity Cutting Machine, Rotary Cutting Machine, *Band Knife Cutting Machine*, Die – Cutters.

#### UNIT – V

12 Hrs

**Pressing Equipments:** Purpose, *Pressing Equipments And Methods* – Iron, Steam Press, Steam Air Finisher, Steam Tunnel, Special Types – Pleating, Permanent Press.

**Note: *Italics* denotes Self Study Topics**

**Teaching Method:**

- Lecturing – 30 Min
- Video Visual Techniques – 30 Min
- Industrial Visit

**Tools Used:**

- 1) Visual Aides and Machine Pictures

**REFERENCE BOOK:**

- **Harold Carr And Barbara Latham**, *The Technology of Clothing Manufacture* –Blackwell Science Publishing, New Delhi (1994).
- **Coles M Sew**, *A Complete Guide For Sewing* –Heinemann Professional Publishilg,Singapore (1989).
- Readers Digest Sewing Guide, *Complete Guide to Sewing*, 13<sup>th</sup> Edition, The Readers Digest Association Inc, Pleasant Ville (1997).

**SEMESTER –III**  
**Core Practical-V**  
**BASIC DRAPING**

**Instructional Hrs. 60**

**Sub. Code: 13CFUCP05**

**Max.Marks: CIA-40; ESE-60**

**Credits: 2**

**Objectives:**

To Learn the Draping Technique.

To Learn to Drape Fullness and Parts of The Garments.

To Learn to Drape Different Types of Skits, Collars, Sleeves.

Prepare the Following Samples Using Draping Method

- Basic Bodice - Front and Back
- Pleats, Darts, Tucks and Gathers
- Neckline Variations
- Armhole Variations
- Waistline Variations
- The Princess Line Waist
- Midriff Waist
- Yokes
- Skirts
- Collars
- Sleeve
- Create Yoke Frock Garment for A Girl Child.
- Create Kurtha And Pyjama For A Boy Child.

**Note:**

**Teaching Method:**

- Lecturing – 10 Min
- Demonstration – 10 Min
- Practical – 40 Min

**Tools Used:**

- 1) Dummies Used for Draping the Fabric.

**SEMESTER –III**  
**Core Practical-VI**

**DESIGNING & MANUFACTURING WOMEN’S APPAREL**

**Instructional Hrs: 90**

**Sub. Code: 09CFUCP06**

**Max.Marks: CIA-40; ESE-60**

**Credits: 2**

**Objectives:**

- To Learn How to Draw the Patterns for Women’s Garment.
- To Learn Different Types of Layout for Cutting the Fabric.
- To Learn How to Stitch Different Styles of Women’s Garments.

Designing, Drafting and Constructing the Following Garments for The Features Prescribed.

List the Measurements Required and Materials Suitable

Calculate the Cost of The Garment Calculate the Material Required – Layout Method and Direct Measurement Method.

1. Saree Petticoat – Six Panels, Decorated Bottom.
2. Saree Blouse- Fashioned Neck, Decorative Back, With Fashionable Sleeve
3. Middi Top – With or Without Collar, Full/Half Sleeve.
4. Middi – Circular/Gathered/ Pleated, With or Without Open, With or Without Elastic.
5. Salwar (Or) Churidhar (Or) Parelles (Or) Bell Bottom- Taped or Elastic Attached, Designed at Bottom.
6. Kameez - With or Without Slit, With or Without Flare, With or Without Opening, With or Without Yoke.
7. Nighty – Fashioned Neck, With or Without Open, With or Without Sleeve.
8. Princess Line Dress – Knee Length, With or Without Sleeve.
9. Wrap Around Skirt – Decoration at Front Side.
10. Ladies Pant – Waist Band or Zip Attached.

**Note:**

**Teaching Method:**

Lecturing – 15 Min

Demonstrations – 15 Min

Practical – 30 Min

**Tools Used:**

1) Sewing Machines & Paper Patterns.

**REFERENCE BOOK:**

1. **Mary Mathews**, *Practical Clothing Construction – Part I & II*, Cosmic Press, Chennai (1986).
2. **Gerry Cooklin**, *Pattern Grading for Women's Clothes*, The Technology of Sizing –Black Well Science Ltd (1990).
3. **Zarapker**, *Zarapker System of Cutting* –. K. R, Navneet Publications Ltd, Mumbai (2006)

**SEMESTER –III**  
**Core Practical-VII**  
**BASIC BEAUTY CARE**

**Instructional Hrs. 60**

**Sub. Code: 12CFUCP07**

**Max.Marks: CIA-40; ESE-60**

**Credits: 4**

**Objectives:**

To Learn About the Importance of Beauty in Personality Development.

To Learn About the Techniques for Beauty Care in Practical.

**UNIT – I**

Introduction and Importance of Beauty Care. Importance of Personal Hygiene. Skin – Types of Skin – Factors Affecting Skin Condition – Skin Care.

**UNIT – II**

Nail Care – Factors Affecting Nail Growth. Manicure and Pedicure – Hand and Feet. Massage Step by Step Procedure.

**UNIT – III**

Facials – Importance of Facial -According to Types of Skin. Requirements for Facial and Step – by – Step Procedure

**UNIT – IV**

Hair – Types of Hair, Importance of Hair Care, Factors Affecting Hair Growth.

Hair Cut – Straight Cut, U – Cut, V – Cut, Step Cut.

Hair Styling – Basic Hair Styles, Model and Party Styles.

**UNIT – V**

Make- Up – Application of Cream, Powder Application, Usage of Rouge, Application of Lipstick, Eye Shadows.

**Practical:**

- Threading
- Types of Bleaching
- Manicure & Pedicure
- Waxing – Hand and Legs
- Facial – Normal
- Basic Hair Cuts
- Basic Hair Styles

**REFERENCE BOOKS:**

1. **Blossom Kochar**, *Hair ,Skin, & Beauty Care*, The Complete Beauty Book-2000.
2. **Dr.Renu Guptha**, *Complte Beautician Course*, 2001.
3. **Madhumitha Paudwal**, *Practicals Guide to Beautician Training*,2002.

**SEMESTER –III**  
**Core Paper-III**  
**TEXTILE SCIENCE - I**

**Instructional Hrs. 60**

**Sub. Code: 09CFUC303**

**Max.Marks: CIA-25; ESE-75**

**Credits: 4**

**Objectives:**

- To Learn About Field of Textiles & Classification of Fibers.
- To Learn About Spinning & Weaving Technology.
- To Learn About Non-Woven.

**UNIT –I**

**12 Hrs**

**Fibers:** Introduction to The Field of Textiles – Major Goals – *Classification Of Fibers* – Natural & Chemical \_ Primary and Secondary Characteristics of Textile Fibers.

**UNIT –II**

**12 Hrs**

**Manufacturing Process:** Properties and Uses of Natural Fibers – Cotton, Linen, Jute, Pineapple, Hemp, Silk, Wool, Hair Fibers, Man made Fibers – Viscose Rayon, Acetate Rayon, Nylon, Polyester, Acrylic.

**UNIT – III**

**12 Hrs**

**Spinning:** Definition, Classification – Chemical and Mechanical Spinning – *Blending, Opening, Cleaning, Doubling, Carding, Combing, Drawing, Roving, Spinning.*

**UNIT –IV**

**12 Hrs**

**Yarns:** Yarn Classification – Definition, Classification – Simple and Fancy Yarns, *Sewing Threads and Its Properties.*

**UNIT –V**

**12 Hrs**

**Fabrication:** Definition-Weaving, Knitting, *Non-Woven* & Its Types and Process Sequence.

**Note: *Italics* Denotes Self Study Topics**



**Teaching Methods:**

- Lecturing – 30 Min
- Seminars – 30 Min
- Industrial Visit

**Tools Used:**

- 1) Various Types of Fibers.

**REFERENCE BOOK:**

4. **Corbman. B. P**, *Textiles – Fibre To Fabric*, International Students Edition, Mc Graw Hill Book Co, Singapore (1985).
5. *Sewing and Knitting – A Readers Digest Step – By – Step Guide*, Readers Digest, Newyork (1993).
6. **Joseph J Pretal**, *Fabric Science* 5<sup>th</sup> Edition, Fairchild Publications, New York (1990)
7. **Shenai.V.A** ,*Technology Of Dyeing And Printing* Sevak Publications,Mumbai (2002).
8. **A.V.Mani**,*Spun Yarn Technology*,Saravana Publications,Madurai (1998).

**SEMESTER –III**  
**Core Practical-VIII**  
**TEXTILE SCIENCE – I**

**Instructional Hrs. 45**

**Sub. Code: 08CFUCP08**

**Max.Marks: CIA-20; ESE-30**

**Credits: 2**

**Objectives:**

- Identification of Textile Fibres by Using Microscopic Method, Burning Test & Chemical Test Method.
- Testing of Yarn & Fabric by Using Various Machines.

Identification of Textile Fibers By –

- i. Microscopic Method,
  - ii. Burning Test Method,
  - iii. Chemical Test Method.
- a) Cotton
  - b) Silk
  - c) Wool
  - d) Nylon
  - e) Polyester
  - f) Linen
  - g) Rayon
  - h) Jute

Testing Of Yarns / Fabric

Count of the Yarn Using Warp Reel.

Count of the Yarn Using Beasley's Yarn Count Balance

Twist of the Yarn Using Twist Tester

Determining the Weight of the Fabric.

Determining the Fabric Count By I) Pick Glass Method, Ii) Raveling Method.

Color Fastness to Water.

Tests of Shrinkage.

Tests of Absorbency.

**Note:**

Teaching Method:

- Lecturing – 10 Min
- Demonstration – 20 Min
- Practical – 30 Min

Tools Used:

- 1) Types of Fibers, Yarns & Fabric.
- 2) Machineries Used for Testing.

**SEMESTER - III**  
**ALLIED PAPER III**  
**HISTORIC COSTUMES AND TEXTILES**

**Instructional Hrs. 60**

**Sub. Code: 15CFUA303**

**Max. Marks: CIA -25, ESE-75**

**Credits: 5**

**Objectives:**

To Learn About Origin of Costume.

To Learn About Different Costumes and Textiles

**UNIT-I**

**12Hrs**

**Beginning of Costume**, Growth of Dress out of painting, cutting and other methods. Study of dyed and printed textiles of India –Bhandhani, patola, ikkat, kalamkari- in all the above types and techniques used. Study of woven textiles of India – Dacca Muslin, Banarasi/ Chanderi brocades, *baluchar, himrus and amrus*, Kashmir shawls, Pochampalli , Silk Sarees of Kancheepuram.

**UNIT-II**

**12Hrs**

**Costumes of India** – Traditional Costume of different States of India Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, *Assam, Orissa*, Bihar, Mizoram, Nagaland, West Bengal.

**UNIT-III**

**12Hrs**

**Traditional Costume of Different States of India**; Maharashtra, Rajasthan, Haryana, Himachal Pradesh, Uttar Pradesh, *Jammu and Kashmir, Gujarat*, Madhya Pradesh.

**UNIT-IV**

**12Hrs**

**Costumes of Far Eastern Countries** – Pakistan, Ceylon, China, Burma, Thailand, *Philliphines, Japan*.

**Costumes of Ancient Civilization** – Egypt, Greece, Roman Costumes.

**UNIT-V**

**12Hrs**

**Traditional Embroideries of India** – Origin, Embroidery stitches used –embroidery of Kashmir, Phulkari of Punjab, Gujarat – *Kutch and Kathiawar*, embroidery of Rajasthan, *Kasuti of Karnataka*, Chickenwork of Lucknow, Kantha of Bengal – in all the above – types and colours of fabric /thread.

Note: *Italics* denotes self study topics

#### Teaching methods

- Lecturing - 30 min
- Seminars – 30 min

#### Tools used:

- 1) Various Types of Fabrics.

#### Reference;

1. **Indian Jewellery** – *M.L Nigam, Lustre Press Pvt Ltd, India (1999)*
2. **Indian Costume** – *G.H Ghosrye, Popular books Pvt Ltd (1998)*
3. **Costumes of India** – *Dorris Flyn, Oxford & IBH Publishing Co, Delhi (1971).*
4. **Costumes of India and Pakistan** – *Das S.N, DB Taraporevala Sons and co, Bombay (1956).*

**SEMESTER –III**  
**Skill Based Subject – I**  
**FASHION ACCESSORIES**

**Instructional Hrs. 45**

**Sub. Code: 09CFUSP01**

**Max.Marks: CIA-40; ESE-60**

**Credits: 3**

**Objectives:**

- To Learn How to Prepare Handbags & Belts.
- To Learn How to Prepare Hair Accessories Like Hair Clips, Band, Watch & Slippers.
- To Learn How to Make Jewellery Like Ear Rings, Necklaces, Bracelets, Rings Etc.

Prepare Samples for The Following

1. Hand Bags – 2 Styles
2. Belts – 3 Styles
3. Hair Accessories
  1. Hair Clip
  2. Bands
4. Watch – 2 Styles
5. Surface Enrichment for Slippers – 2 Styles
6. Jewellery Making (2 Styles Each)
  - a. Earrings
  - b. Necklace
  - c. Bracelets
  - d. Rings
  - e. Anklet
  - f. Brooches.

**Note:**

Teaching Method:

- Lecturing – 10 Min
- Demonstration – 10 Min
- Practical – 40 Min

Tools Used:

- 1) Different Types of Raw Materials  
Used to Make Accessories & Jewels

**SEMESTER –III**  
**Non - Major Elective Paper – I**  
**BASICS OF APPAREL DESIGNING**

**Instructional Hrs. 30**  
**Max. Marks: CIA-0; ESE-100**

**Sub. Code: 09CFUN301**  
**Credits: 2**

**Objectives:**

1. To Learn About Sewing Machine and The Stitching Techniques.
2. To Learn about the Drafting, Designing and Constructing A Garment.

**UNIT – I**

**6 Hrs**

Parts and Function of a Single Needle Machine, Essential Tools – Cutting Tools, Measuring Tools, Marking Tools, General Tools and Pressing Tools.

**UNIT – II**

**6 Hrs**

Seams and Seam Finishes, Hems, Fullness, Facing.

**UNIT – III**

**6 Hrs**

Plackets, Fasteners, Sleeves (Plain Sleeve, Puff Sleeve, Full Sleeve, Cap Sleeve)

**UNIT – IV**

**6 Hrs**

Collars (Open Collar, Shawl Collar, Peter Pan Collar), Pockets (Patch Pocket, Bound Pocket, Side Seam Pocket)

**UNIT – V**

**6 Hrs**

Designing, Drafting the Following Garments for The Features Prescribed.

Calculate the Material Required – Layout and Direct Method, Calculate the Cost of The Garment.

Jabla - With Magyar Sleeve, Wide Neck, Tie Method.

Salwar and Kameez – Decorative Neck for Kameez, Tape Attached Waist Band.

**Note:**

**Teaching Method:**

- Lecturing – 15 Min
- Demonstration – 15min
- Stitching – 30 Min

**Tools Used:**

- 1) Brown Paper, Scales, Pencil Etc

**REFERENCE BOOK:**

- **Mary Mathews**, *Practical Clothing Construction – Part I and II*, Cosmic Press, Chennai (1986).
- *The Complete Book of Sewing* – Dorling Kindersley Limited, London (1986).
- *Sewing and Knitting – A Reader's Digest, Step – By Step Guide*, Readers Digest Pvt. Ltd, Australia (1999).

**SEMESTER –IV**  
**Core Paper-IV**  
**TEXTILE SCIENCE – II**

**Instructional Hrs. 75**

**Sub. Code: 12CFUC404**

**Max.Marks: CIA-25; ESE-75**

**Credits: 4**

**Objectives:**

- To Know About the Basic Structures of Weaves and Its Types.
- To Know About the Different Types of Weaving Machines.

**UNIT –I**

**15 Hrs Weaving:**

Introduction to Weaving – Looms and Their Classifications. Fabric Forming Process Sequences – Preparatory Processing Required for Woven Fabric Production – Winding Warping and Sizing – Methods and Machines.

Passage of Material Through A Power Loom – Important Parts of Loom and Its – Primary and Secondary Motions. *Types and Function of Dobby* and Jacquard Mechanism

**UNIT – II**

**15 Hrs**

**Weave Designs:** Elements of Woven Designs, Methods of Fabric Representation, Draft and Lifting Plan, Construction of Elementary Weaves – Plain, Warp Rib, Weft Rib, Twill, Modification of Twills, Satin and Sateen Weaves – *Their Derivatives*.

**UNIT III**

**15 Hrs**

**Woven Designs:** Ordinary and Brighten Honey Comb, Its Modification, Huck A Back and Its Modifications, Crepe Weaves, Mock Leno.

**UNIT –IV**

**15 Hrs**

**Figuring Designs:** Extra Warp and Extra Weft Figuring – Single and Two Colors, Planning, Backed Fabrics, Warp and *Weft Backed Fabrics*.

**UNIT –V**

**15 Hrs**

**Pile Designs:** Pile Fabric – Basic Structure, Twill Back and Sateen Back, Weft Plush, Terry Pile – 3, Pile -4, Pile 5, Pile 6, Length Density and *Fastness of Pile Double Cloth – Classification*.

**Note: *italics* denotes self study topics**



**Teaching Method:**

- Lecturing – 30 Min
- Weave Identification – 30 Min
- Industrial Visit.

**Tools Used:**

- 1) Visualizing the Weave Sample

**REFERENCE BOOK:**

1. **Grosichkli Z Newness**, *Watsons Textile Design and Colour*, Butter Worths, London (1980).
2. **Grosichkli Z Newness**, *Watsons Textile Design and Colour*, Butter Worths, London (1989).
3. **Corbmann. B.P**, *Textiles – Fibre To Fabric*, International Students Edition, Mc Graw Hill Book Co, Singapore (1985)

**SEMESTER –IV**  
**Core Practical-IX**  
**TEXTILE SCIENCE – II**

**Instructional Hrs. 45**

**Sub. Code: 08CFUCP09**

**Max.Marks: CIA-20; ESE-30**

**Credits: 2**

**Objectives:**

- To Know How to Identify the Different Types of Weaves.
- To Know How to Design & Draft A Peg Plan for The Different Types of Weaves.

Identification of The Following Weaves, Design and Draft A Peg Plan for The Same.

1. Plain Weave and Its Derivatives (Warp Rib, Weft Rib)
2. Twill Weave – Regular / Irregular / Pointed / Waved
3. Satin
4. Matte
5. Honey Comb Weave
6. Huck A Back Weave
7. Extra Warp Figuring
8. Extra Weft Figuring
9. Terry Pile Structures.

**Note:**

**Teaching Method:**

- Lecturing – 10 Min
- Demonstration – 20 Min
- Practical - 30 Min

**Tools Used:**

- 1) Pick Glass, Graph Sheet.

**SEMESTER –IV**  
**Core Practical-X**  
**HOME FURNISHING**

**Instructional Hrs. 60**

**Sub. Code: 09CFUCP10**

**Max.Marks: CIA-40; ESE-60**

**Credits: 2**

**Objectives:**

1. To Know About the Suitable Material Used for The Home Furnishing.
2. To Know How to Stitch & Decorate the Home Furnishing.

1. Bed Linens – Sheets, Pillow Cases, Cushion, Bolster, Bolster Covers.

2. Table Linens – Table Cloth Napkins.

3. Window Treatment – Curtains, Shades, Valences.

4. Upholstery Fabrics – Slip Covers, Pillows.

5. Miscellaneous – Appliance Covers, Kitchen Towels.

**Note:**

**Teaching Method:**

- Lecturing – 10 Min
- Demonstration – 10 Min
- Practical – 40 Min

**Tools Used:**

- 1) Curtain Fabric, Scissors, Sewing Machines

**SEMESTER –IV**  
**Core Paper-V**  
**TEXTILE PROCESSING – I**

**Instructional Hrs. 75**

**Sub. Code: 13CFUC405**

**Max. Marks: CIA-25; ESE-75**

**Credits: 5**

**Objectives:**

- To Know About the Classification of The Dyes & Its Methods of Dyeing.
- To Know About the Different Types of Finishing.

**UNIT – I**

**15 Hrs**

**Fabric Preparation:** Singeing, Desizing, Scouring, Bleaching (Different Methods), Mercerizing (*Different Methods*), Carbonizing.

**UNIT –II**

**15 Hrs**

**Dyeing:** Dyes – Classification, Properties and Of Dyes, Direct, Vat, Reactive, Sulphur, Acid, Basic, Azoic Dyes, Disperse.

Vegetable Dyes – *Types and Colours Commonly Used*, Significance of Vegetable Dyes, Stages of Dyeing- Fibre, Yarn, Fabric and Garment – Process Involved, Advantages and Limitations.

**UNIT – III**

**15 Hrs**

**Methods of Dyeing and Machineries used:** Batch Dyeing – Winch, Jig, Padding, Package Dyeing, Combination Dyeing, Machines Used and Process Involved.

Fastness Properties of Dyes – Water, *Sunlight*, Crocking, Perspiration, Etc.,

**UNIT –IV**

**15 Hrs**

**Finishes:** Classification, Importance of Finishes, Aesthetic Finishes: Luster – Glazed, Moiré, Schreiner, Embossed, Drape – Crisp and Transparent, Sizing, Weighing, Texture – Sheared, Brushed, Embossed, Pleated, Flocked, Embroidered, Napped, Fulled,

Stabilization/ Shrinkage Control – Different Methods, Shape Retention Methods, *Wrinkled Free Finishes*.

**UNIT –V**

**15 Hrs**

**Special Finishes:** Comfort Related Finishes – Water Repellent Finishes, Pilling Resistance, Abrasion Resistant.

Biological Control Finishes – *Moth and Mildew Control*, Antimicrobial.

Safety Related Finishes – Flame Retardant.

Environmental Problems in The Finishing and Dyeing Industry.

Effluent Treatment of Water – Methods And Process Involved.

**Note: *Italics Denote Self Study Topics***

**Teaching Method:**

- Lecturing – 30min
- Seminar – 30 Min

**Tools Used:**

- 1) Pictures from Magazine

**REFERENCE BOOK:**

1. **Sara J Radolph And Anna L Langford**, *Textiles* 9<sup>th</sup> Edition, Prentice Hall, New Jersey (2002).
2. **J L Smith**, *Textile Processing* –Abhishek Publications, Chandigarh (2003).
3. **Peters. R.H**, *Textile Chemistry –Vol I & II*, Textile Institute Manchester (1970).
4. **Shenai.V.A**, *Technology Of Textile Processing –Vol.III, V, VII, VIII*, Sevale Publications Bombay(1981)
5. **Lewis D .M**, *Wool Dyeing* –Sdc Publications England (1990).

**SEMESTER –IV**  
**Core Practical-XI**  
**TEXTILE PROCESSING – I**

**Instructional Hrs. 60**

**Sub. Code: 08CFUCP11**

**Max.Marks: CIA-20; ESE-30**

**Credits: 2**

**Objectives:**

- 1) To Know About the Processing of Grey Fabric.
- 2) To Know How to Dye the Fabric by Different Dyes.

1. Preparation of Samples for Processing.

- Desizing
- Scouring
- Bleaching
- Mercerizing

2. Dye the Fabric Using Suitable Dye

Direct Dye,

Sulphur Dye

Vat Dye

Disperse Dye

Reactive Dye

Acid Dye

Basic Dye

Vegetable Dye

**Note:**

**Teaching Method:**

- Lecturing – 10 Min
- Demonstration – 20 Min
- Practical – 30 Min

**Tools Used:**

- 1) Dyes, Stirrer, Pipettes, Bowls & Water Bath.

**SEMESTER –IV**  
**Allied Paper-IV**  
**FASHION CLOTHING PSYCHOLOGY**

**Instructional Hrs. 60**

**Sub. Code: 13CFUA404**

**Max. Marks: CIA-25; ESE-75**

**Credits: 5**

**Ojectives:**

1. To Learn About the Factors Influencing Fashion Changes, Fashion Evaluation,
2. To Learn About the Visual Merchandising of Fashion & Fashion Designer.
3. To Learn About the World Fashion Centers & Designers.

**UNIT –I**

**12 Hrs**

**Terms Related to The Fashion Industry:** Fashion, Style, Fad, Classic, Collection, Chic, Custom Made, Mannequin, *Fashion Show*, Trend, Forecasting, High Fashion, Fashion Cycle, Haute Couture.

**UNIT – II**

**12 Hrs**

**Factors Influencing Fashion Changes:** Psychological Needs of Fashion, Social Psychology of Fashion, Technological, Economical, Political, Legal and Seasonal Influence. *Role of Costume As A Status Symbol*, Personality And Dress, Clothes As Sex Appeal, Cultural Value.

**UNIT – III**

**12 Hrs**

**Designer:** Understanding Fashion Designer – Types – Classicist, Idealist, Influenced, Realist, Thinking Poet. Indian Fashion Designers – Haute Couture – Rohit Khosala, Gitanjal Kashyap, Hemant Trivedi, J.J.Valaya, James Ferrerira, Ritu Kumar, Rohit Bal, Tarun Thailiani Mimimalists – Himanshu And Sonali Sattar, Sageethe Chopra, Wendell Rodricks.  
*Village India* – Bhamini Subramaniam, Anju Modi, Indiar, Broker, Madhu Jain.  
Studio Line – Bhairavi Jaikishan, Kishan Mehta, Ravi Bajaj, Ritu Brei, Rockys.

**UNIT – IV**

**12 Hrs**

**World Fashion Centers:** France, Italy, America, Far East.  
Contributions of Well-Known Designers from France, America, Italy, Britain And Far East Countries.

**UNIT –V**

**12 Hrs**

**Fashion Leaders:** Fashion Innovators, Fashion Motivation, Fashion Victim, Fashion Followers. Fashion Forecasting-Market Research, Evaluating the Collection, Fashion Services & Resources (Fashion Services,

Color Services, Video Services, News Letter Services, Websites, Directories& References), Design-*Historic & Ethnic Costume*.

**Note:** *Italics* denotes self study topics

**Teaching Method:**

- Lecturing – 30 Min  
Seminars – 30 Min

**Tools Used:**

- 1) Visual Aids Used for Taking Seminars &  
Forecast the Fashion Designers

**REFERENCE BOOK:**

1. **Drake Et**, *Retail Fashion Promotion and Advertising* – Al, Macmillan Publishing Company, New York (2002).
2. **Gini Stephens Frings**, *Fashion – From Concept to Consumer* –6<sup>th</sup> Edtion, Prentice Hall (1999).
3. **Bennett**,*Inside The Fasion Business* –Coleman &Co, Mumbai (1998).



**SEMESTER –IV**  
**Skill Based Subject– II**

**MULTI SKILL DEVELOPMENT PAPER**

**Instructional Hrs. 45**

**Sub. Code: 13CFUS402**

**Max.Marks: CIA-40; ESE-60**

**Credits: 3**

**Objectives**

- To familiarize the students with various types of tests that is employed by the diverse examining bodies.

**UNIT I**

**9Hrs      Communication:**

Question Tag – Gerund and Infinitives - Spotting the Errors - Vocabulary –Synonyms – Antonyms – Preposition – Articles - One-word Substitutions - Sentence Completion.

**UNIT II**

**9 Hrs**

**Numerical Aptitude:** Problems on Numbers - Problems on Ages – Percentage - Profit and Loss - Ratio and Proportion - Time and Work - Time and Distance - *Simple Interest* - Compound Interest.

**UNIT III**

**9 Hrs**

**Critical Reasoning:** Logical Inference Questions and Syllogism

**Analytical Reasoning:** Arrangement Problems-Family/ Blood Relation qualms - Sense of Directions - Age Doubts.

**Verbal Reasoning:** Verbal Analogy (Letter Series and Number Series Only) - Coding and Decoding.

**UNIT IV**

**9 Hrs**

**Self Introduction – Presentation Skills –** Presentation through power point. **Group discussion – importance –** types of GD - contents – skill analyzed - tips – do's and don'ts – preparing for a GD – *roles in GD* – GD mistakes.

**Resume preparation** – Objective – Types of Skills to Put On A Resume – Marketable Skills – What Not To Put On A Resume – *Bio Data Format* – Sample Resume.

**Games and exercise:** Moral Practice to Be a Designer, Merchandiser, Trade Organizer and How to Organize Fashion Shows under Theme Basis

**Note:** *Italic Denotes Self Study.*

- 40 Marks for CIA 60 marks for ESE by online Examination for 1 ½ Hours.

**REFERENCE BOOKS;**

1. **Dr.R.S. Agarwal**, *Quantitative Aptitude*, S.Chand 2010. (Unit - II)
2. **Test of Reasoning for Competitive Examinations** – *Edgar Thorpe* 4<sup>th</sup> edition, Tata McGraw-Hill Publishing Company Limited, New Delhi. (Unit – III)
3. **A Modern Approach to Verbal Reasoning (Fully Solved)** – *Dr. R.S. Aggarwal*, Revised Edition, S.Chand Company Limited, New Delhi, 2012. (Unit – III)
4. **Hari Mohan Prasad & Uma Rani Sinha** 2011, Objective English For Competitive Examinations, New Delhi, Tata Mcgraw Hill Private Ltd.
5. **Jain T.S.Upkar's** Sbi Clerical Cadre Recruitment Examination. Agar Upkar Prakashan.
6. **Alex. K, Soft Skills** – Know Yourself and Know the World, S. Chand Company Ltd, 2011.

**SEMESTER –IV**  
**NON – MAJOR ELECTIVE PAPER - II**  
**SURFACE ORNAMENTATION ON FABRIC**

**Instructional Hrs. 30**

**Sub. Code: 09CFUNP01**

**Max.Marks: CIA-0; ESE-100**

**Credits: 2**

**Objectives:**

- To Know About the Surface Decorations Can Be Done on Fabric.
- To Know How to Create the Different Designs in Hand And Machine.

1. Hand Embroidery – 20 Decorative Stitches – 10 Samples
2. Appliqué Work (Machine/ Hand) – 3types
3. Smocking – 3 Types
4. Laces – Any 5 Types
5. Bead Work – 1 Sample
6. Sequins Work – 1 Sample
7. Zardosi Work – 1 Sample
8. Belts Using Fabric – 2 Types
9. Bows – 2 Types
10. Tassels and Fringes – 4 Samples
11. Mirror Work – Sample
12. Fixing the Stones – 1 Sample

**Note:**

**Teaching Methods:**

- Lecturing – 10 Min
- Demonstration – 20 Min
- Practical – 30 Min

**Tools Used:**

- 1) Stones, Sequins, Zardosi, Mirror  
Etc.,

## SEMESTER –V

### Core Paper-VI

#### COMPUTERS IN TEXTILE GARMENT INDUSTRY

Instructional Hrs. 60

Sub. Code: 08CFUC506

Max.Marks: CIA-25; ESE-75

Credits: 4

#### Objectives:

- To Learn About the Role of Computer in Textile Industry.
- To Know How to Create Embroidery Designs, 2d & 3d Forms, Pattern Making, Grading Using Advanced Cad Software.

#### UNIT –I

12 Hrs

**Basics of Computers:** Classification of Computers, Computer Specification, Organization of Computer Sections.

Types of Storage Devices (Primary & Secondary), Input Devices, Output Devices. Basics of Computers – Ms Office, Power Point, *Excel*, Internet.

#### UNIT – II

12 Hrs

**Role of Computers in Fashion Industry:** Information Flow – Cad, Cam, Cim, Caa, Pdc – Definition and Functions, Computers in Production Planning And Production Scheduling, *Computerized Colour Matching System*.

#### UNIT – III

12 Hrs

##### **Cad in Designing**

Textile Designing – Weaving, Knitting and Printing

Creating Embroidery Designs

Garment Designing – 2d and 3d Forms.

#### UNIT – IV

12 Hrs

**Cad in Pattern Making and Grading:** System Description – Information Flow – Process Involved In Pattern Making, *Process Involved In Pattern Grading*.

#### UNIT-V

12 Hrs

**Defect Checking Through Computer:** Computer Application in Fabric Defect Checking, Laying/ Spreading, Cutting Marker Planning, Labeling – Parts And Functions. *Computerized Sewing Machines* and Embroidery Systems.

**Note: *italics* denotes self study topics**

**Teaching Methods:**

- Lecturing – 30 Min,
- Seminars – 30 Min.

**Tools Used:**

- 1) Computer

**REFERENCE BOOK:**

1. **Hannelore Eberle Et –Ai**, *Clothing Technology* –Verlang Europe – Lehrmitted, Vollmer Gmbh & Co 4287, Haan – Gruilen (1996).
2. **P.K.Sinha**, *Computer Fundamentals* –Bpb Publications, Delhi (1992).
3. **Harold Carr And Barbara Latham**, *The Technology of Clothing Manufacture* –Black Well Ltd., (1994).

**SEMESTER –V**  
**Core Practical-XII**  
**CAD – I**

**Instructional Hrs. 75**

**Sub. Code: 09CFUCP12**

**Max.Marks: CIA-20; ESE-30**

**Credits: 2**

**Objectives:**

- To Learn About How to Create Designs in Various Garments.

Create the Following Designs

1. Motifs /Small Designs

1. Embroidery Designs for Kerchiefs, Necklines.
2. Chest Prints for T- Shirt.

2. Children's Garments

- Jabla
- Frocks
- Middi & Tops

3. Women's Garments

- Chuidhar
- Full Gowns
- Middi & Tops
- Princess Line Dress
- House Coats, Aprons, Nighties

4. Men's Garments

- S.B. Vest
- T – Shirt - Different Styles
- Shirts - Different Styles
- Kurtha Pyjama - Different Styles

5. Create Logos for Branded Companies.

6. Create Label for Garments / Companies.

7. Prepare Charts for Production Planning and Scheduling.

**Note:**

**Teaching Method:**

- Lecturing – 10 Min
- Demonstration – 20 Min
- Practical – 30 Min

**Tools Used:**

- 1) Computer, Corel Draw Software, Adopbe Photoshop.

**SEMESTER –V**  
**Core Practical-XIII**  
**DESIGNING & MANUFACTURING MEN’S APPAREL**

**Instructional Hrs. 90**

**Sub. Code: 09CFUCP13**

**Max.Marks: CIA-40; ESE-60**

**Credits: 2**

**Objectives:**

- To Know How to Create Patterns for Men’s Apparel.
- To Learn How to Construct Various Styles of Men’s Apparel.

Designing, Drafting and Constructing the Following Garments for The Features Prescribed.

List the Measurements Required and Materials Suitable

Calculate the Cost of The Garment Calculate the Material Required – Layout Method and Direct Measurement Method.

1. S.B Vest – Without Collar, Button Attached, Sleeveless.
2. T- Shirt – Front Open, Zip Attached, With Collar.
3. Slack Shirt – Half Sleeve, Patch Pocket.
4. Full Sleeve Shirt – Full Sleeve, Pocket, And Cuff Attached.
5. Kalidar Kurtha – Front Open, Full Sleeve, Bagal Attached.
6. Pleated Pant – Pleats at Front, Darts at Back, Fly with Button/Zip Attached.
7. Pajamas - With Gathers/ Without Gathered Bottom. Tape Attached at Waist

**Note:**

**Teaching Methods:**

- Lecturing – 10 Min
- Demonstration – 10 Min
- Practical – 40 Min

**Tools Used:**

- 1) Brown Sheets, Scale, Sewing Machine

**REFERENCE BOOK:**

1. **Mary Mathews**, *Practical Clothing Construction – Part I & II*, Cosmic Press, Chennai (1986).
2. **Gerry Cooklin**, *Pattern Grading for Women’s Clothes*, The Technology of Sizing –Black Well Science Ltd (1990).
3. **Zarapker**, *Zarapker System of Cutting* –. K. R, Navneet Publications Ltd, Mumbai (2006)

**SEMESTER –V**  
**Core Paper-VII**  
**TEXTILE PROCESSING - II**

**Instructional Hrs. 60**

**Sub. Code: 13CFUC507**

**Max.Marks: CIA-25; ESE-75**

**Credits: 5**

**Objectives:**

- To Gain Knowledge on The Various Printing Methods

**UNIT – I**

**12 Hrs**

**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.

**UNIT – II**

**12 Hrs**

**Types of Printing:** Direct Printing: Block Printing – Brief History, Preparation of Design, Blocks, Table, Print Paste and Printing Process.

Stencil Printing – Brief History, Preparation of Fabric, *Stencils (Positive & Negative Stencils for One Or More Colour)*, Materials Used for Preparing Stencils, Process Involved and Techniques Used.

**UNIT – III**

**12 Hrs**

**Screen Printing:** Brief History, Flat Screen & Rotary Screen Printing, Preparation of Screen, Print Paste, *Screen Printing Process*.

Discharge Printing – Chemicals Used, Process Involved.

**UNIT – IV**

**12 Hrs**

**Resist Printing:** Brief History, Batik Printing Equipments Required, Process Sequence and Techniques Used.

Tie and Die – Brief History, Equipments Required, Process Sequence and *Techniques Used*.

**UNIT – V**

**12 Hrs**

**Other Printing Methods:** Ink Jet Printing, Heat Transfer Printing, Photo Printing, Causes Printing Faults and Remedies.

**Note: *Italics* Denotes Self Study Topics**



**Teaching Method:**

- Lecturing – 30 Min,
- Demonstration – 30 Min.

**Tools Used:**

- 1) Pictures from Magazine

**REFERENCE BOOK:**

1. **Sars J Radolph And Anna L Langfort**, *Textiles* – 9<sup>th</sup> Edition Prentice Hall, New Jersey (2002).
2. **J L Smith**, *Textile Processing* –Abihisek Publications, Chandigarh (2003).
3. **Herbert Barthm**, *Thickening Agents and Emulsion Thickenings in Textile Printing* –New Delhi, (1994).
4. **Stuart & Robinson**, *Beginners Guide To Fabric Dyeing And Printing*, Technical Books,London(1982).

**SEMESTER –V**  
**Core Practical-XIV**  
**TEXTILE PROCESSING - II**

**Instructional Hrs. 45**

**Sub.Code: 08CFUCP14**

**Max.Marks: CIA-20; ESE-30**

**Credits: 2**

**Objectives:**

- To Know How to Prepare Fabric for Printing.
- To Know How to Prepare Printing Paste.

**1. Preparation of Sample for Printing**

- Cotton
- Polyester
- Silk

**2. Preparation of Printing Paste.**

**3. Create Design with Block Printing – Vegetable /Wooden Blocks.**

All Over Design (Single or Double Colour)

Border Design (Single or Double Colour)

**4. Create Design for Chest Prints or Neck or Design.**

Single or Double Colour.

**5. Tie and Die Designs with Any of The Three Following Methods.**

Methods – Pegging & Clipping, Tying, Tritic, Marbling, Knotting, Binding

Stripes and Checks.

- Single Colour
- Double Colour
- Multi Effect

**6. Batik Printing**

- Single Colour
- Double Colour
- Cracked Colour

**7. Print A Design Using Screen Printing Method.**

**Note:**

Teaching Methods:

Tools Used:

- Lecturing – 10 Min
- Practical – 40 Min

1) Beaker, Screens & Squeezer, Block, Demonstration – 10 Min

**SEMESTER –V**  
**Elective Paper – I**  
**FASHION MARKETING & MERCHANDISING**

**Instructional Hrs. 60**

**Sub. Code: 13CFUE501**

**Max. Marks: CIA-25; ESE-75**

**Credits: 5**

**Objectives:**

- To Know About the Different Types of Merchandising Techniques.
- To Know How to Organize Boutique, Fashion Shows, Media Planning.

**UNIT – I**

**12 Hrs**

**Fashion Merchandising:** Definition, Introduction, Understanding Fashion Merchandising, Scope of Merchandising, Fashion Merchandising Terminology, Inter Department Relationship of Merchandiser, – *Role of Merchandise.*

**UNIT – II**

**12 Hrs**

**Marketing:** Meaning and Classification of Marketing, Functions of Marketing, Fashion Market – Size and Structure, Marketing Environment – Micro and Macro Marketing Environment, *Trends In Marketing Environment.*

**UNIT – III**

**12 Hrs**

**Market analysis:** Advertising & Media Planning, Fashion Shows and Other Events. *Industry tour project*, Role plays Surveys & Organizing of Exhibitions, Boutique & Boutique handling. Business Opportunities, *Business Opportunities in India.*

**UNIT – IV**

**12 Hrs**

**Pricing:** Introduction of Pricing, Importance of Pricing, Pricing Objectives, Factors affecting Pricing Decision, Procedure for Price Determination, *Kinds of Pricing, Factors affecting Changes in Price.*

**UNIT – V**

**12 Hrs**

**Export & Export Procedures:** Export Definition, Introduction, Documents Related To Export Procedures, Registration, offer and receipt of confirmed order, Essentials in an order/contract, Producing the goods, Excise Clearance, Sales Tax Exemption and other Procedures, *Shipments*, Marine Insurance Policy,

**Note: *Italics* Denotes Self Study Topics**

**Teaching Method:**

- Lecturing – 30 Min
- Seminar – 30 Min

**REFERENCE BOOK:**

- **Grace Kunz**, *Merchandising Theory, Principles And Practice* Second Edition – Fairchild Publications, Mumbai (1988).
- **C.JEEVANANTHAM**, *foreign trade, sardhar vallabai pattel institute of textile management, coimbatore.*(2005).
- **Manmeet Sodhia, Pooja Chatiey**, *Fashion Marketing And Merchandising* –Kalyani Publishers, Chennai (2000).
- **Patrick John Ireland**, *Introduction To Fashion Design*, B.T.Batsford Ltd, 583, Fullham Road, London(1992).
- **T.A.S BALAGOPAL**, *export management, Himalayan publications house, Chennai.*(2009)
- **KATHIRESAN & RADHA**, *export management, bhavani publications, madras*(1996).

**SEMESTER –V**  
**Skill Based Subject III**  
**EMBROIDERY**

**Instructional Hrs. 45**

**Sub. Code: 11CFUSP03**

**Max. Marks: CIA-40; ESE-60**

**Credits: 3**

**Objectives:**

- To Learn About How to Make Basic Embroidery Stitches.
- To Learn How to Make Samples for Traditional, World & Machine Embroidery.

Preparation of Samples for Hand Embroidery Stitches – Running, Back, Stem, Blanket, Lazy Daisy, Chain, Couching, Corl, Herringbone, Fishbone, Feather – Single and Double, Romanian, Seed, Cross, Fly, Satin, Long and Short, French Knot, Chevron, Sheaf Stitch, Lettering and Monograms.

Preparation of Samples for Traditional Indian Embroideries – Phulkari of Punjab, Gujarat – Kutch and Kathaiwar Embroideries, Embroidery of Rajasthan, Kasuti of Karnataka, Chicken Work of Lucknow, Kantha of Bengal (Mention the Type of Colours Used, Motifs And Fabrics for the Above-Mentioned Embroideries)

Preparation of Samples for World Embroideries – Africa (North & South), Australia, Central Asia, India, Thailand, America.

Preparation of Samples for Machine Embroideries with Running, & Granite Stitch.

**Note:**

**Teaching Methods:**

- Lecturing – 10 Min
- Demonstrations – 20 Min
- Practical - 30 Min

**Tools Used:**

- 1) Embroidery Frames, Hand Needle.

## SEMESTER –VI

### Core Paper VIII

#### QUALITY CONTROL IN APPAREL INDUSTRY

**Instructional Hrs. 60**

**Sub. Code: 13CFUC608**

**Max.Marks: CIA-25; ESE-75**

**Credits: 4**

#### **Objectives:**

- To Learn What Are the Aspects of Quality & How to Inspect the Finished Garment.
- To Identify the Defects in Garments & Eco Specifications & Restrictions in Apparel.

#### **UNIT – I**

**12 Hrs**

**Quality:** Quality Definition – Quality and Its Necessity. Introduction – Inspection and Its Importance. Functions of Inspection – Systems of Inspection – Types of Inspections (Hundred Percent). Inspection – Sampling Inspections – Comparison Of 100% Inspection & *Sampling Inspections*.

#### **UNIT – II**

**12 Hrs**

**Quality Checking:** Establishing Processing Quality Specification – Training Quality Control Personnel – The Quality Control – Quality Control Inspection, Procedures for Processing – Quality Control in Raw Material, Quality Control in Finished Garments – Quality Control And Governments Contacts – Quality Control In Packaging, Warehousing And Shipping – Statistical Quality Control, *Sampling Plans* – Industry – Wide Quality Standards.

#### **UNIT – III**

**12 Hrs**

**Eco Specifications & Restrictions in Apparels & Textiles** - Dry Cleaning Using Ozone Depleting Chemicals, Ph Values, Formaldehyde Contents, Heavy Metal Contents, Azo Dye Stuffs, Pentachloro Phenols, Colour Fastness, Brightness, Softening Agents Etc., Sensitizing Dyestuffs, Allergic Dyes, Carcinogenic Amines – Listed as Per Eco Specifications. Eco – Management of Textiles & Apparel Industry. Eco – Mark and *Environment Friendly Textiles*.

#### **UNIT – IV**

**12 Hrs**

**Quality Management:** Starting a Quality Control Program, Implementation of Quality Systems Production Line, *Product Specifications* & Analysis Using Analytical Tools.

Quality Management through Inspection, Testing & Seven Quality Standards.

## UNIT – V

12 Hrs Quality

**Procedures:** Quality Costs & Customer Returns, Inspection Procedures, AQL & Apparel Quality Control.

**Note:** *Italics Denotes Self Study Topics*

### **Teaching Method:**

- Lecturing – 30 Min
- Seminar- 20 Min
- Fabric Defects Checking – 10 Min

### **Tools Used:**

- 1) Visualizing Different Defected Fabric

### **REFERENCE BOOK:**

1. **Pradeep. V, Mehta,** *Managing Quality In Apparel Industry*, Nift Publications, Chennai (1999).
2. **Metha.P.V.** *An Introduction to Quality Control for The Industry*, (1986).
3. **Slater.K.Physical** ,*Testing & Quality Control*, Vol 23 No 1, 2,3. Textile Inst,(1993).
4. **Jacob Solinger,** *Apparel Manufacturing Handbook*, (1998).

**SEMESTER –VI**

**Core Practical XV**

**CAD – II**

**Instructional Hrs. 60**

**Sub. Code: 09CFUCP15**

**Max.Marks: CIA-20; ESE-30**

**Credits: 4**

**Objectives:**

- To Learn About the Application of Color Harmony & Principles of Dress Designs.
- To Learn About the Creation of Patterns for Various Garments Using Computers.

1. Application of Colour Harmony in Design.

- Monochromatic Colour Harmony
- Analogous Colour Harmony.
- Complementary Colour Harmony
- Double Complementary Colour Harmony
- Spilt Complementary Colour Harmony
- Traid Colour Harmony
- Tetrad Colour Harmony
- Neutral Colour Harmony

2. Application of Principles of Design in Dress Design.

- Balance – Formal and Informal.
- Rhythm – By Line Movement, Gradation, Repetition.
- Emphasis
- Proportion
- Harmony

3. Design Garments for The Following.

- Party Wear – Women, Men, Children.
- Sports Wear – Tennis, Basket Ball/ Football (Men & Women), Golf, Any Other.
- Fashion Show – Children, Men, And Women.
- Winter Show - Children, Men, And Women.
- Summer Wear - Children, Men, And Women.
- Spring Wear - Children, Men, And Women.
- School Wear – Preschool, School, Higher Secondary and College Going Students – Boys and Girls.



4. Prepare Pattern for The Following

- Bib
- Jabla
- Knicker

5. Grade the Following Patterns

- Bodice Front
- Bodice Back

6. Scan Designs from Books / Magazine / Photos and Edit the Designs – Colour Or Features Or Back Ground Etc., Or Add Details Like Ornaments and Accessories.

**Note:**

**Teaching Method:**

- Lecturing – 15 Min,
- Practical – 45 Min.

**Tools Used:**

- 1) Computer

**SEMESTER –VI**  
**Core Paper IX**  
**TEXTILE SCIENCE - III**

**Instructional Hrs. 75**

**Sub. Code: 09CFUC609**

**Max.Marks: CIA-25; ESE-75**

**Credits: 4**

**Objectives:**

- To Learn About the Sequences Involved in Knitting Process.
- To Know About the Different Knitting Structures, Care and Maintenance of Knitted Fabric.

**UNIT – I**

**15 Hrs**

Knitting – Definition, Classification and History, Types of Knitting – Hand and Machine, Characteristics of Knitted Goods.

**UNIT – II**

**15 Hrs**

General Terms and Principles of Knitting Technology, Machine Knitting, Parts of Machine, Knitted Loop Structure, Stitch Density.

**UNIT – III**

**15 Hrs**

Weft Knitting – Classification- Circular Rib Knitting Machine, Purl, Interlock, Jacquard – Single Jersey Machine – Basic Knitting Elements – Types and Functions.

**UNIT – IV**

**15 Hrs**

Warp Knitting – Lapping Variations – Tricot, Raschel, Simplex And Milanese – Kitten Raschel- Single Bar, 2 Bar, Multi Bar Machines, Types Of Threading, Simple Knitting Calculation, Gsm Of Fabric, Production Of Nets, Curtains, Heavy Fabrics, Elasticized Fabrics.

**UNIT – V**

**15 Hrs**

Care and Maintenance of Knitted Material – Washing, Drying, Ironing, Storing.

**Note: *Italics* Denotes Self Study Topics**

**Teaching Method:**

- Lecturing – 30 Min
- Identify the Samples – 10 Min
- Seminars – 20 Min

**Tools Used:**

- 1) Knitted Materials

**REFERENCE BOOK:**

1. **David Spencer**, *Knitting Technology*, Pergamen Press, Oxford (1982).
2. **Db Ajonker**, *Principles of Knitting*, Universal Publishing Corporation (1998).
3. **Wilkens C U**, *Warp Knit Elements*, Wilkiens (1997).

**SEMESTER –VI**  
**Core Practical XVI**  
**TEXTILE SCIENCE - III**

**Instructional Hrs. 45**

**Sub. Code: 09CFUCP16**

**Max.Marks: CIA-20; ESE-30**

**Credits: 2**

**Objectives:**

- To Know How to Identify the Different Structures of The Knitted Fabric.
- To Learn How to Calculate the Different Parameters of The Knitted Fabric.

**1. Identify the Given Fabric**

Methodology Used – Illustrate the Structure in Graphic Representation

- Single Jersey
- Rib Knit
- Interlock
- Pique – Any 2 Structures

**2. Defect Analysis**

- Vertical and Horizontal Lines
- Holes and Cuttings
- Distorted Stitches

**3. Determine the Wales and Course Per Inch in The Given Knitted Fabric.**

**4. Determine the GSM Of the Knitted Fabric.**

**5. Determine the Course Length of The Knitted Fabric.**

**6 Determine the Loop Length of The Knitted Fabric.**

**Note:**

**Teaching Method:**

- Lecturing – 10 Min
- Demonstration – 10 Min
- Practical – 40 Min

**Tools Used:**

1) Pick Glass, Weighing Machines, Scale.

**SEMESTER –VI**  
**Elective Paper – II**  
**FABRIC CARE**

**Instructional Hrs. 60**

**Sub. Code: 13CFUE602**

**Max.Marks: CIA-25; ESE -75**

**Credits: 5**

**Objectives:**

- To Learn About the Maintenance of Textiles
- To Learn About the Equipment's Used for Washing.

**Unit – I**

**Water-** Hard and Soft Water, Methods of Softening Water.

**Laundry Soaps-** Manufacture Of Soap (Hot Process, Cold Process), Composition Of Soap, Types Of Soap, Soapless Detergents, Chemical Action, Detergent Manufacture, *Advantages Of Detergents*.

**Unit – II**

**Finishes –** Bleaching Agents, Laundry Blues and Their Application.

**Stiffening Agents –** Starch (Cold Water and Hot Water), *Other Stiffening Agents*, And Preparation of Starch.

**Unit – III**

**Laundry Equipment –** For Storage, For Steeping and Washing – Wash Board, Suction Washer, Wash Boiler, *Washing Machine*.

**Drying Equipment –** Out Door and Indoor Types.

**Irons and Iron Board –** Types of Iron (Box, Flat, Automatic, Steam Iron). Ironing Board – Different Types.

**Unit – IV**

**Principles of Washing –** Suction Washing, *Washing by Kneading and Squeezing*, Washing By Machine – Process Details And Machine Details.

**Laundering of Different Fabrics –** Cotton, Linen, Woolens, Silk, Rayon and synthetic fabrics, *White and coloured fabrics*.

## **Unit – V**

**Special Types of Laundry** – Water Proof Coats, Silk Ties, Leather Goods, Furs, Plastics, Lace.

**Dry Cleaning** – Absorbents, Grease Solvents and Other Chemicals, Dry cleaning agents.

**Storing** – Methods of Storing the Fabrics.

**Stain Removal** – Definition, And Importance of Stain, *Types of Stains and Its Removal*.

**Note : *Italics* Denotes Self Study Topics**

### **Teaching Method :**

1. Lecturing – 30 Min
2. Seminars –30 Min

### **Reference:**

- Textiles Fabric And Their Selection – Wingate I B, Allied Publishers Ltd,Chennai.
- Fundamentals of Textiles and Their Care – Susheela Dantyagi, Orient Long Mann Ltd (1980).
- Family Clothing – Tate Of Glession, John Wiley And Sons Inc,iiiions.
- Household Textiles and Laundry Work – Durga Duelkar, Amla Ram And Sons, Delhi.

**SEMESTER –VI**  
**Elective Paper – III**  
**PORTFOLIO PRESENTATION – (VIVA – VOCE)**

**Instructional Hrs. 90**

**Sub. Code: 12CFUEPVV**

**Max.Marks: CIA-80; ESE-20**

**Credits: 5**

**Objectives:**

- To Learn About How to Present the Garments in Different Sketching.
- To Know How to Present the Garments with Different Themes & Mood Boards.
  
- ❖ To Be Planned for Season or Occasion or Ancient.
  
- ❖ Mood Board, Story Board, Fabric Board, Colour Board – To Be Presented Separately or In A Combined Form, And Presentation.
  
- ❖ Fabric Development Chart.
  
- ❖ Design Development Chart.
  
- ❖ Garments Should Design According to The Cost Factor.
  
- ❖ Number of Garments in A Collection – 2 To 4 Garments.
  
- ❖ The Students Have to Present Their Work by Conducting Exhibition & Fashion Shows During Their Final Semester In Presence Of Audience, Along With Their Staff Members Of The Department.

**Note :**

**Teaching Method :**

3. Lecturing – 40 Min
4. Demonstration – 20 Mins

**SEMESTER –VI**  
**Skill Based Subject-IV**  
**FABRIC PAINTING TECHNIQUES**

**Instructional Hrs. 45**

**Sub.Code: 11CFUSP04**

**Max.Marks: CIA-40; ESE-60**

**Credits: 3**

**Objectives:**

- To Learn How to Paint the Fabric by Free Hand.
- To Know the Different Techniques Involved in Painting the Fabric.

**UNIT – I**

Introduction to Painting – Types of Painting – Types of Designs – Natural, Conventional, Abstract, Geometric, Historic Design.

**UNIT – II**

Design Development – Motif, Variation, Combination. Design Repeat, Enlarging and Reducing the Design. Preparation of Fabric for Painting. Types of Brushes – Flat Brush and Round Brush Techniques.

**UNIT – III**

Different Types of Strokes. Application of Shading Techniques at Wet and Dry, Free Hand Painting.

**UNIT – IV**

Designing Outline Work, Filling Work, Graphic Work, Designing the Fabrics With 3-D Effect And 3-D Glitter Effects.

**UNIT – V**

Designing the Necklines, Sleeves, Hemlines. Application of Stencil Techniques by Sponging, Brushing, Spraying For Positive And Negative Stencils.

**Note:**

Teaching Method:

Lecturing – 10 Min

Demonstration – 10 Min

Practical – 40 Min

Tools Used:

1) Brush, Fabric Paints.



**SELF LEARNING PAPER –I  
FAMILY CLOTHING**

**Sub. Code: 13CFUSL02**

**Max.Marks: CIA: 0; ESE-100**

**Credits: 5**

**Objectives:**

- To Learn About Different Wardrobe Planning
- To Learn About the Care and Maintenance of Textile Goods.
- To Learn About the Home Furnishing Articles.

**Unit – I**

**Types of Clothing** – Homemade, Tailor Made and Readymade Garments – Merits and Demerits – Factors Affecting Selecting – Choice of Clothing, Accessories to Express Individuality and Distinction in Appearance – Application of Basic Principles in Achieving Pleasing Personality.

**Unit – II**

**Clothing** - Clothing Needs of The Family, Budgets – Clothing Allowance Based on Size of The Family and Income – Clothing Inventory.

**Wardrobe Planning** – Factors Be Considered While Planning A Wardrobe, Advantage of Having A Well-Organized Wardrobe – Guidelines for Planning A Wardrobe – Points to Be Considered While Purchasing Family Clothing.

**Unit – III**

**Window Treatments**-Curtains and Drapery, Different Types and Styles -Choice of Fabrics, Calculating the Amount of Material Needed, Hints Of Making It Hang Well.

**Unit – IV**

**Home Furnishing**-Cushion, Cushion Covers, Upholsteries, Bolster and Bolster Covers, Bed Linens, Pillow Covers and Kitchen Linens.

**Unit – V**

**Floor Covering** - Hard, Resilient and Soft Floor Covering- Rugs and Carpets- Use and Care. Wall Covering- Use and Care.

**Reference:**

- Clothing for Moderns – Enum, Macmillan Co, New York, (1971).
- Family Clothing – Tate And Glisson, John Wiley and Sons, Illinas, (1963).
- Wardrobe Strategies – Judith
- Designing Interior Environment – Alexender. N. G, Mascourt, Bizu Covanorrich