

**SYLLABI  
AND  
COURSES OF READING**

**FOR**

**B. Sc. (Fashion Technology)  
PART-II**

**Session -2022-23, 2023-24,2024-2025**



**PUNJABI UNIVERSITY, PATIALA**

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B.Sc. FT Part-II  
Semester-III (Exam- Nov / Dec)

Scheme of studies

Theory Papers

Paper Code	Paper Name	Internal Assessment	External Assessment	Total marks	Credit hours/week
FSTB2101T	Fabric Study	26	74	100	6
FSTB2102T	Apparel Manufacturing Technology	26	74	100	6
FSTB2103T	History of Indian Costumes	26	74	100	6
* FSTB2104T	Environmental and Road Safety Awareness	-	-	-	2

Practical Papers

Paper Code	Paper Name	Internal Assessment	External Assessment	Total marks	Credit hours/week
FSTB2105L	Fabric Study		50	50	3
FSTB2106L	Computer Aided Fashion Design-I	-	50	50	6
FSTB2107L	Fashion Illustration-II	-	50	50	6
FSTB2108L	Garment Construction-I		50	50	8
	Grand Total	78	422	500	43

**Note:** \*Weight-age of different components in internal assessment is as: Attendance: 20%; written assignment/project work/Seminar/Industrial visit: 40%; two- mid semester Tests/Internal Examination-40%

\*FSTB2104T of Environmental and Road Safety Awareness (Qualifying)

\*\*marks of Environmental and Road Safety Awareness shall not be included. It is Qualifying paper

\*\*\*This Syllabus is Available on [www.puujabiuniversity.ac.in](http://www.puujabiuniversity.ac.in) (Session 2022-23)

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## Theory Paper

### Semester-III Theory Paper I: -Fabric Study

Time Allowed: 3 Hrs.

Max. Marks: 74

Teaching Time: 6 Lectures/week

#### Objectives:

- Understanding working of looms and weaving structures
- To make students aware about different techniques of fabric formation
- To understand knitting structures

#### Instructions for the paper setter

The question paper will consist of three sections A, B & C. Section A & B will have four questions each from the respective sections of the syllabus and will carry 11 marks each. Section C will have 10 short-answer type questions carrying 3 marks covering the entire syllabus uniformly.

#### Instructions for the candidate

Candidates are required to attempt two questions each from Sections A & B of the question paper and the entire Section C

#### Section-A

Weaving – Introduction,

Weaving Terminology –weaving, warp, weft, fabric balance, fabric weight, fabric density, selvedge & its types

Basic loom-Parts of a simple loom and its functions, Basic motions of weaving

Different types of loom:

- Shuttle loom
- Shuttle less loom (rapier, gripper, multiphase, air jet, water jet)
- Difference between Shuttle and shuttle less loom

Preparation of yarns for weaving

Different types of warping- Sectional warping and Peg warping

Weaves-

- Plain weave- Rib weave, Basket, Twill- right handed twill, left handed twill, even & uneven twill
- Satin, Sateen
- Decorative weaves- Pile, Double cloth weave, leno, Swivel, Tapestry, Dobby, Jacquard weave, Backed fabrics

Woven fabric defects- float, gout, lashing in, missing ends, selvedge defects

#### Section-B

Introduction to knitting:

Construction & properties of warp and weft knits

Difference between Knitting and weaving

Introduction to basic Knitting Machines - flat bed & circular

Classification of knitted fabric- Rib, Single jersey fabrics, Interlock and Purl fabrics

Different types of knitting machine needles and their working

Knitted fabric defects

Blends- Definition, properties & blending process

Other methods of fabric formation- Felting, knotting, Bonding, Lace making and braiding

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### Suggested Readings

- Sengupta, R., Weaving Calculations, Taraporewale Sons and Co., Bombay.  
Corbman, B., Fibre to Fabric, 6th, McGraw Hill Book Company, USA  
Robinson and Mark., Woven Cloth Construction, Butter Worth and Co. Ltd., London.  
Kulkarni, M.M., Weaving Technology, Mahajan Book Distributors, Ahmedabad.  
Brackenbury Terry, "Knitting Clothing Technology" Black well Science, UK(1992)  
Spencer David J, "Knitting Technology" Pergeman Press, UK(1983).  
E. Oxtoby, "Spun yarn, Technology, Structure and Applications", Wiley Interscience, NY, 1978.  
Prof. Ajgaonkar D.V, "Knitting Technology" University Publishing Co. Mumbai(1998)  
Tortora, p, "Understanding Textiles", Macmillan Publishing Co. Inc. New York, (1978).  
Kadolph, Anna, L, Langford, Norma Hollen and Saddler, "Textiles", MacMillan Publishing company (1993).

### Semester-III

#### Theory Paper II: Apparel Manufacturing Technology

**Time Allowed: 3 Hrs**

**Maximum Marks: 74**

**Teaching Time: 6 Lectures/week**

#### Objectives:

- To create an awareness of the types of sewing machinery available in the apparel industry
- To expose the students to the latest practices in garment production

#### Instructions for paper setter

The question paper will consist of three sections A, B & C. Section A & B will have four questions each from the respective sections of the syllabus and will carry 11 marks each. Section C will have 10 short-answer type questions which will cover the entire syllabus uniformly, carrying 3 marks each.

#### Instructions for the candidate

Candidates are required to attempt two questions each from Sections A & B of the question paper and the entire Section C

#### Section-A

Various Departments in Apparel manufacturing unit

Production Section – Production system and production planning, plant layout.

Design department-forecasting, designing, collection planning.

Sampling department- Pattern making, grading and sampling technology, construction of sample garment

Stitching operations with its specialized machines: single lock machines, buttonhole & buttoning machine, bar tacking

Seams: Definition and Classifications of Seam types.

Stitch- Definition and Classification of Stitch type

Garment Finishing and Inspection:

Concept of Inspection

Types of Inspection- Raw - material Inspection, In-process Inspection, Final Inspection

#### Section-B

Packaging: Concept and Importance

Types of Packaging

Materials used in Packaging

Labeling:

Concept and Importance

Types of Labeling

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Industrial Engineering concepts in improving apparel productivity in brief.

- a. Work study and standard time control.
- b. Balancing

Applying quality assurance programmers in fabric department, cutting, production and finishing department

**Suggested Readings:**

- “Apparel Production Terms and Process” By JanaceBubonia  
“Apparel manufacturing-Sewn Product Analysis” By Ruth E. Glock and Grace Pub, Prentice.  
“Guide to Apparel Manufacturing” By Peyton B, Hudson, Publisher Blackwell.  
“Fashion Concept to Consumer” By Gini Stephens Frings, Publisher Pearson.

**Semester-III**

**Theory Paper III: History of Indian Costumes**

**Time Allowed: 3 Hrs.**

**Max. Marks: 74**

**Teaching Time: 6 Lectures/week**

**Objectives:**

- To acquaint the students with evolution of costumes in India
- To enable the students to appreciate traditional costumes of different Indian states.

**Instructions for the paper setter**

The question paper will consist of three sections A, B & C. Section A& B will have four questions each from the respective sections of the syllabus and will carry 11 marks each. Sections C will have 10 short-answer type questions carrying 3 marks each covering the entire syllabus uniformly.

**Instructions for the candidate**

Candidates are required to attempt two questions each from Sections A& B of the question paper and the entire Section C

**Section-A**

Ancient Indian civilization:

Indus valley, Vedic period

Gupta period

Mughal period: - Costumes of Pre-Mughal, Mughal and Post-Mughal period

British period: - Costumes of Pre-independence and Post-independence period.

Evolution of Khadi movement, Importance of Khadi in Indian Fashion

**Section-B**

Traditional costumes of different states of India:

Jammu & Kashmir, Punjab, Haryana

Costumes of Rajasthan, Gujarat

Costumes of West Bengal, Assam, Maharashtra,

Costumes of Tamil Nadu, Karnataka

*Note:- Including study of tribal costumes of the respective states. Visit to the National Museum, Craft Museum and Modern Art Gallery.*

*Students will prepare a portfolio of select Fashion silhouettes & accessories of any period including designing of a few contemporary silhouettes based on inspiration from that period.*

**Suggested Readings**

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“Indian Costumes” By Gurey G. S, Publisher Popular Book

“Ancient Indian Costumes” By RoshanAlkazi

“Periods of Centralization and Development of Dressing in India” By Wlex A

### Practical papers

#### Semester-III

#### Practical Paper I: Fabric Study

Time Allowed: 3 Hrs

Maximum Marks: 50

Teaching Time: 3 Lectures/week

#### Objectives:

- To acquaint the students with different types of weaves.
- To acquaint the students with different knitting techniques

#### Content

Graphical representation of Basic weaves using drafting & lifting plan and making samples of the following:

- Plain weave- Rib & Basket
- Twill weave- warp faced, filling faced, right hand twill, left hand twill.
- Satin & Sateen weaves

Identification of weaves

Preparation of hand knitting samples

Understanding varieties of fabrics available in the market for handling (physical appearance, weaves, uses and care)

- Cotton – Cambric, Cheese Cloth Jersey, Gingham, Madras Cotton, Chambray, Chintz, Seersucker, Poplin, Lawn, Muslin, Crinkle Cotton, Sports Net, Voile, Lace, Eyelet, Calico, Damask, Denim, Organdy, Flannelette, casement
- Woolen Fabrics – Worsted, Gabardine, Tweed, Flannel gaberdine Cashmere, Tartan, Crepe, Coating, Double Coating, Single Jersey, Double Jersey, Mohair, Alpaca serge, Seersucker
- Linen & Silk Fabrics – Suiting Linen, Handkerchief Linen, Moil, Silk And Wool Mix, Silk & Cotton Mix, Silk & Linen Mix, Silk Satin, Taffeta, Organza, Washed Silk, Crepe De China, Devore Velvet, Chiffon, Dupion, Georgette, Shantung, spun silk, Tusser, , Taffeta, Chiffon, Georget, Organza
- Synthetic & Special Fabrics – Acrylic, Crepe, Viscose, Grosgrain, Polyester Crepe, Microfiber, Boucle, Poly Linen, Polar Fleece, Crepe Backed Satin, Flock, Pure Nylon, Jacquard Fabric, Acetate, Vinyl, Crinkle, Fabric, Rubber, Sequin Fabric, Spandex, PVC, Fur Fabric, Liquid Gold, Leather

The students will visit to fabric stores and retail shops to study the different fabrics

#### Semester-III

#### Practical Paper II: Computer Aided Fashion Design-I

Time Allowed: 3 Hrs

Maximum Marks: 50

Teaching Time: 6 Lectures/week

#### Objectives:

- To enable students to handle tools of Coral Draw
- To enable the students use the softwares to create fashion and design illustrations.
- Creation of design details with the help of CAD softwares

#### Content:

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- Introduction to coral draw and tools.
- Application of Coral Draw tools for making design compositions for textiles and apparel- Geometrical, simplified, naturalized, stylized symbolic
- Designing details of garments-
  - a. Pockets, Necklines & Collars
  - b. Sleeves & sleeve finishes
  - c. Darts, Gathers, Pleats, Yokes, Frills, Ruffles, Cowls
  - d. Smocking, Quilting & Shirring,
  - e. Skirts- Skirt lengths(Micro Mini, Mini, Tea & Maxi)
  - f. Pants- Shorts, Jamaica, Bermuda, Capri, Regular & stretch pants
  - g. Tops
  - h. Fashion details like plackets, collars, cuffs and buttons.
  - i. Stitch lines and Trims.

### Suggested Readings

- “Introduction to Computers” By Norton, Peter  
 “Introduction to Computer Fundamentals” By Bright  
 “Fundamentals of Computer Graphics” By Peter Shirley  
 “Adobe Photoshop and Textile Design” By Frederich L Chipkin

### Semester-III Practical Paper III: Fashion Illustration –II

**Time Allowed: 3 Hrs**

**Maximum Marks: 50**

**Teaching Time: 6 Lectures/week**

#### Objectives:

- To make the students understand fashion detailing
- To teach the students line development process
- To make the students understanding various silhouette

#### Content:

- Illustration fashion figures depicting various textures, prints and drapes.
- Make designs using different types of folds, gathers.
- Illustrate the detailing of pleats, tucks, darts, yokes and godets.
- Detailing of hemlines, edgings, pockets, fastenings, trimmings & accessories.
- Line development-
  - a. Mood boards.
  - b. Client profile.
  - c. Illustration sheet

### Semester-III Practical Paper IV: Garment Construction-I

**Time Allowed: 4 Hrs**

**Maximum Marks: 50**

**Teaching Time: 8 Lectures/week**

#### Objectives:

- To enable students to understand the importance and use of drafting and construction techniques for fashion garments
- To enable students to understand the importance application of trimmings.

#### Content:

- Plackets- Two piece, continuous wrap and their application according to suitability on different garments.
- Application of different types of trimmings- laces, piping, bindings, appliqué.
- Drafting & Construction of:
  - a. Frock
  - b. Kurtas- Basic and Designer
  - c. Salwar/ Trouser

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d. Basic Skirt & Adaptations

**Suggested Readings**

“Garment Construction Skills” By MullickPremlata.

“New Complete Guide to Sewing” By Reader Digest, Publisher Reader Digest New York.

**Semester-IV (Exam: April/May)**

**Theory Papers**

Paper Code	Paper Name	Internal assessment	External assessment	Total marks	Credit hours/week
FSTB2201T	History of World Costumes	26	74	100	6
FSTB2202T	Indian Textiles	26	74	100	6
FSTB2203T	Textile Dyeing and Printing	26	74	100	6

**Practical Papers**

Paper Code	Paper Name	Internal assessment	External assessment	Total marks	Credit hours/week
FSTB2204L	Surface Ornamentation	-	50	50	6
FSTB2205L	Draping and Grading	-	50	50	6
FSTB2206L	Craft Study	50		50	3
FSTB2207L	Textile Dyeing and Printing		50	50	2
	Total	128	372	500	35

**Note:** \*Weight-age of different components in internal assessment is as: Attendance: 20%; written assignment/project work/Seminar/Industrial visit: 40%; two- mid semester Tests/Internal Examination-40%

**B.Sc. Fashion Technology (Semester-IV)**

Theory Papers

**Semester-IV**

**Theory Paper II: Historic of World Costumes**

**Time Allowed: 3 Hrs.**

**Max. Marks: 74**

**Teaching Time: 6 Lectures/week**

**Objectives:**

- To familiarize the students with the history and evolution of World Costumes
- To acquaint the students with costume traditions of the world

**Instructions for paper setter**

The question paper will consist of three sections A, B & C. Section A& B will have four questions each from the respective sections of the syllabus and will carry 11 marks each. Sections C will have 10 short-answer type questions which will cover the entire syllabus uniformly, carrying 3 marks each.

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### Instructions for the candidate

Candidates are required to attempt two questions each from Sections A& B of the question paper and the entire Section C

#### Section-A

- **Costumes of the Ancient World (300 B.C.-300A.D.)**  
Mesopotamia, Egypt, Greece & Rome
- **Costumes of the middle Ages (300 A.D.-1500 A.D.)**  
Byzantine
- **English Costumes:**
  - a. English costumes during middle ages:
  - b. Early middle ages.
  - c. Late middle ages.
- **Renaissance in Italy**
  - a. Mannerism — 16th century.
  - b. Baroque — 17th century to 18th century.
  - c. Rococo — mid-18th century.

#### Section-B

- **The French costume**
  - a. Renaissance in France(1500 A D)
  - b. Renaissance in France(1600 A D)
  - c. Renaissance in France(1700 A D)
- **The French revolution and thereafter (1790 A.D.-1900 A.D.)**
  - a. The Directoire and Empire period (1790 A.D.-1820 A.D.)
  - b. The Romantic period (1820 A.D.-1850 A.D.)
  - c. The Crinoline period (1850 A.D.-1869 A.D.)
  - d. The Bustle period (1870 A.D.-1900 A.D.)

*Note: Students will prepare a file of select Fashion silhouettes & accessories of any one period including designing of a few contemporary silhouettes based on inspiration from that period.*

#### Suggested Readings:

- Tortora P.G. and Eubank K. (1995) Survey of Historic Costume, New York, Fairchild Publications.
- Sara, P. Tomp and Srah H. Fashion Costume and Culture (vol 1) The Ancient World, Thomas Gale.
- James, L. Costume and Fashion: A Concise History; Thames and Hudson )2nd edition) 2002.
- Jack Cassin-scott; The illustrated encyclopedia of costume and fashion (from 1600 to present); Block Hampton Press; London.
- Bronwyn C; Costume and Fashion: A complete History, 2003.

#### Semester-IV

#### Theory Paper III: Indian Textiles

**Time Allowed: 3 Hrs.**

**Max. Marks: 74**

**Teaching Time: 6 Lectures/week**

#### Objectives:

- To foster appreciation of traditional Indian Textiles
- To introduce students to the traditional embroidery as surface embellishment techniques of various states.

#### Instructions for the paper setter

The question paper will consist of three sections A, B & C. Section A& B will have four questions each from the respective sections of the syllabus and will carry 11 marks each.

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Sections C will have 10 short-answer type questions carrying 3 marks each covering the entire syllabus uniformly.

### Instructions for the candidate

Candidates are required to attempt two questions each from Sections A & B of the question paper and the entire Section C

### Section-A

Tie and Dye- raw materials, major centers of tie and dye, design and patterns, color used, preparation and process

Batik- raw materials, equipments required, design and patterns, color used, preparation and process

Block printing- equipments required, design and patterns, color used, preparation and process

Sanganeri Prints- raw materials, design and patterns, color used, preparation and process

Styles and methods of painting - Madhubani, Parchitra & Pichwai

Woven textiles of India-

Jamewar of Bengal, Patola of Gujarat, Brocade of Banaras, Chanderi and Mahehwari of Madhya Pradesh

### Section-B

Traditional embroideries of different regions of India with emphasis on texture, motifs, design and colors of the following-

Phulkari of Punjab, Kashida of Kashmir, Chambarumal of Himachal Pradesh

Kantha of Bangal, Chikankari of Lucknow

Sindhi and kutch work of Gujarat, Kasuti of Karnataka

Kantha of Bengal, Manipuri Embroidery

### Suggested Readings

Naik., Traditional Embroideries of India, APH Publishing Corporation, New Delhi 2002.

Bhavani, E., Decorative Designs and Craftsmanship of India, D. B. Taroporevala Sons & Co. Pvt, Ltd Bombay. 1968.

Crill, Rose.mary., Indian Embroidery, Prakash Book Depot, New Delhi 1999.

Parul, B., Traditional Indian Textiles, Abhishek Publications, Chandigarh.

Gillow, John, Traditional Indian Textiles, Thames & Hudson Ltd, London 1993.

### Semester-IV

### Theory Paper IV: Textile Dyeing and Printing

Time Allowed: 3 Hrs.

Max. Marks: 74

Teaching Time: 6 Lectures/week

### Objectives:

- To acquaint student with an understanding of textile dyeing and printing techniques
- To acquire knowledge about textile finishing

### Instructions for paper setter

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The question paper will consist of three sections A, B & C. Section A & B will have four questions each from the respective sections of the syllabus and will carry 11 marks each. Section C will have 10 short-answer type questions which will cover the entire syllabus uniformly, carrying 3 marks each.

#### **Instructions for the candidate**

Candidates are required to attempt two questions each from Sections A & B of the question paper and the entire Section C

#### **Section-A**

Dyes: Introduction and History of Dyes, Definition- Dyes, Colors and Pigments

Classification of Dyes

a. Natural Dyes: Vegetable, Animal and Mineral Dyes

b. Synthetic Dyes: Acid, Basic, Direct, Vat, Sulphur, Reactive and Disperse Dyes

Preliminary treatments to fabric before dyeing- Bleaching, Scouring, Desizing, Singeing and Degumming

Stages of Dyeing- Fiber, yarn, fabric and garment, Dyeing Process-Fiber, Yarn, Piece or Fabric and Product Dyeing

Traditional Dyeing Techniques – Tie and Dye – Bandhini and Leheria, Batik and Indigo dyeing.

Methods of Dyeing-

Batch Dyeing and Combination Dyeing (Cross and Union)

Dyeing Auxiliaries

Colour Fastness: Fastness to Washing, Ironing, Perspiration, Crocking and Sunlight

Dyeing Defects: Bleeding, Crocking, Migration, Fume Fading, Tendering, Frosting and Off Shade

#### **Section-B**

Printing: Introduction

Printing Auxiliaries

Types of Printing – Direct, Discharge and Resist printing techniques.

- Traditional Methods – Block, Screen, Stencil.
- Modern methods – Roller Printing, Transfer Printing, Digital Printing, Ink Jet Printing, Laser printing and Emboss Printing.

After treatment of printed fabrics- Heat setting, Steaming, Washing

Finishes-

- Objective of finishes
- Mechanical finishes- Shearing, Calendaring, Tentering, Embossing, Napping, Weighting, Sizing.
- Chemical finish- Mercerizing, Crease resistant, water proof, water-repellent, Flame proof.

#### **Suggested readings:**

Shenai VA "Technology of Textile Processing, Technology of dyeing (4th edition)", Sewak Publications, Bombay 1998

Corbman, PB "Textile Techniques (6th Edition)," McGraw Hill Book Co

Color and Design on Fabric, Creative publishing, USA, 2000

Elementary Textile, ParulBhatnagar, AbishekPuib, Chandigarh, 2012

Textile Science, Gohl&Vilensky, CBS Publishers, New Delhi, 2005

Textile, Sara J. Kadolph,, Pearson Pub, 2013

#### **Practical Papers**

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## Semester-IV

### Practical Paper I: Surface Ornamentation

Time Allowed: 3 Hrs

Maximum Marks: 50

Teaching Time: 6 Lectures/week

#### Objectives:

- To enable the students to learn various ornamentation techniques for article embellishment
- To acquaint the students with value addition concept in fashion industry

#### Content:

Introduction to contemporary embroidery stitches-

Stem, back, running, chain, lazy daisy, blanket, buttonhole stitch, spider's web, fly, French knot, bullion knots, fish bone, Romanian, satin, long & short stitch chevron and herringbone

- Introduction to Indian traditional embroidery stitches-

Phulkari, Kantha, Chikankari, Sindhi.

- Surface Ornamentation- Preparation of samples & its variations for-
  - a. Appliqué Work/
  - b. Patch work
  - c. Mirror Work
  - d. Smocking
  - e. Quilting
  - f. Shirring
  - g. Tucks and Pleats

Preparing an article using any of the above mentioned techniques utilizing any waste material

#### Suggested Readings

1. "Indian Costumes" By Gurey G. S, Publisher Popular Book.
2. "Ancient Indian Costumes" By RoshanAlkazi.
3. "Periods of Centralization and Development of Dressing in India" By Wlex A.

## Semester-IV

### Practical Paper II: Draping & Grading

Time Allowed: 4 Hrs

Maximum Marks: 50

Teaching Time: 6 Lectures/week

#### Objectives:

- To acquaint the students with draping and grading techniques

#### Content:

- Draping:
  - a. Introduction to draping; advantages and disadvantages.
  - b. Equipment needed.
  - c. Dress form.
  - d. Grain.
  - e. Seam allowances/ease.
  - f. Understanding of style lines.

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g. Preparation of Muslin for draping.

- **Pattern development through draping:**

**Design variation**

**Basic Bodice:**

- Manipulating dart excess at different locations
- Dividing dart excess- Waist & side seam, waist & shoulder
- Dart equivalents – Gathers, pleats and tuck darts
- Incorporating dart equivalence: gather pleat, dart tucks & control seam
- Asymmetrical darts
- Princess line

**Skirt:**

A-Line, Flared, Panel, Gathered, Pleated, Stylized yoke with flare, gathers & pleats  
Peplum & Godets

- Grading Techniques:
  - a. Introduction to grading & its importance
  - b. Introduction to different methods:
  - c. Front Bodice
  - d. Back Bodice
  - e. Sleeve Block
  - f. Skirt Block (front)
  - g. Skirt Block (Back)
  - h. Trouser Block

**Note: - Students will make three garments using draping methods.**

**Suggested Readings**

- Jaffe., Draping for Fashion Design, Prentice Hall Ltd., London.  
Armstrong, H Joseph. (2000). Draping for Apparel Design, Fairchild, New York.  
Crawford, C.A., The Art of Fashion Draping, Fairchild Publications, New York.  
Sheldon, Maratha Gene., Design through draping, USA Burgers Publishing Company.  
Cooklin, Gerry, Pattern Grading for children's, women's, men's clothes technology of sizing, Oxford B.S.P. Professional Book, London.

**Semester-IV**  
**Practical Paper III: Craft Study**

**Time Allowed: 4 Hrs**

**Maximum Marks: 50 (Internal)**

**Teaching Time: 3 Lectures/week**

**Objectives:**

- To make students familiar with Crafts of India and their the production process
- To enable the students to recognize the problems associated with the craft & the craftsmen and finding solutions to those problems

**Content:**

- Introduction to different indigenous crafts of India
- Identifying local craft development centers and crafts
- Students will visit to textile museum / Craft cluster / Craft area.
- Survey and documentation of the selected craft: Evolution of craft, implements, materials used, procedure followed as well as the present status of the craft, role of designer to uplift the craft, Consumer preferences etc. During visit students will collect samples, pictures, make videos & sketches.

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- Students will make a portfolio in the form of Oral Presentation or Display.

**Suggested Readings:**

Crafts of India - Handmade in India – Aditi Ranjan & MP Ranjan, Council of Handicraft Development Corporations

**Semester-IV**  
**Practical Paper IV: Textile Dyeing and Printing**

**Time Allowed: 3 Hrs.**

**Max. Marks: 50**

**Teaching Time: 2 Lectures/week**

**Objectives:**

- To know the difference between dyeing and printing.
- Understand the different methods of transferring the designs on fabric
- To acquaint students with different methods of dyeing and printing

**Content:**

- Dyeing
  - a. Dyeing of Cotton with : Direct dyes, Reactive dyes
  - b. Dyeing of Silk and Wool with – Acid, Basic
  - c. Resist Dyeing of Fabric- Tie and dye, Batik
- Evaluation of color fastness to washing, ironing, crocking, perspiration and sunlight.
- Printing:
  - a. Preparation of sample for printing – cotton, silk, polyester and jute
  - b. Preparation of printing paste
  - c. Preparation of samples for hand block printing
  - d. Preparation of stencil & use stencil printing and spray painting.

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