

# **Fashion Technology (FT)**

## **Paper-I**

**Theory – 40**  
**Practical - 60**

### **Unit-1 Introduction to Textiles**

- Indian Textile Industry
- Major Production Segments of the Textile supply Chain
- Textile Pipeline: Fiber to Consumer

### **Unit-II Basic Design & Drawing**

- Elements of Design
- Principles of Design
- Textile Design Terminology
- Introduction to Pencil Shading
- Nature Drawing- Understanding Forms & Arrangements
- Perspective Drawing
- Concept of 2D & 3D Forms
- Design repeat
- Working with grids

### **Unit-III Profile of Fashion Industry**

- Introduction to International Fashion Industry
- Profile of Indian Fashion Industry
- Prominent Fashion Designers
- Fashion Terminology
- Role of Fashion designer, Co-coordinator, merchandiser, stylist etc.

### **Unit.IV Introduction to Textile Fibres**

- Fibre definition & classification
- Fibre properties & End Use- Natural & Man-made
- Different methods of fiber identification- physical examination, burning test & chemical test
- Common Natural and Manufactured Fibers

### **Practical :**

- Types of Textures & Illustration techniques for textiles
- Textural effects, use of textures in textile designing
- Collection of different types of fabric textures
- Detailed study on the given topic, data collection, evaluation & conclusion.
- The student will be required to complete their study and submit a comprehensive report.

## Paper-II

**Theory – 40**  
**Practical - 60**

### Unit.I Elements of Fashion Design

- Dimensions of colour- hue, intensity and value
- Colour wheel and its various Color Schemes- primary, secondary, tertiary, quaternary, warm and cool colours, analogous colours, complimentary and split complimentary, tints, tones and shades, achromatic and monochromatic colours, pastels and dusty pastels - effect of these colour schemes
- Effects of Colors- red, blue, green, yellow, orange, pink, purple, grey, black, white, neutrals Colour and combination in clothes
- Types of textures- thread pulling, thread crumple, thread rolling, paper dabbing, wax rubbing, wax drop, smoke, blade, leaf, flower, butterfly, lace, jute, thumb, matchstick, ponge, cabbage, potato, onion, chilly, lady finger, ink drop, ink blow, drop ink, batik, leather, dry brush, mesh, comb, cloth dabbing etc.,
- Depicting textures (e.g., silk, satin, chiffon, denim, corduroy, velvet, knit etc.) and patterns on paper
- Repetition, gradation, radiation, dominance, unity, harmony, contrast
- Proportion, balance & rhythm- its importance in designing
- Lines, Dots, Prints, Checks, silhouettes, colour, texture, etc

### Unit.II Surface Ornamentation

- Basic embroidery stitches and variation- Back ,Chain , Cross , Blanket , Stem, Couching, Lazy daisy, Running, Rumanian, French Knot, Star filling, Trellis, Fish bone, Satin, Herringbone, Bundle, etc.
- Techniques of surface ornamentation- embroidery, Tie & Dye, Block printing, screen printing, spray painting, Fabric Painting, sequins
- Development of samples using various techniques of surface ornamentation

### Unit.III Introduction to Textile Yarns

- Yarn Classification and Related Taxonomy
- Yarn Spinning
- Yarn Twist: Direction & Amount of Twist
- Different types of yarns
- Special Types of Yarns- Texturized & Novelty yarns
- Yarn Numbering System- Direct & Indirect System
- Sewing Threads- Properties & Uses
- Thread Packages

**Unit.IV Introduction to Fabrics**

- Fabric and Related Taxonomy
- Classification of fabrics
- Overview of different fabrics and their manufacturing- Woven, Knitted & Non-Woven
- Introduction to woven fabrics
- Weaves: Basic & Novelty weaves
- Introduction to knitted fabrics
- Classification of knits: Warp Knits & Weft knits
- Non-woven: Classification, Properties, Manufacture & End uses

**Practical:**

- Block figures-normal and fashion.
- Basic croqui drawing- all sizes, and all poses (front, back, side, ¾)
- Face analysis, Hands and feet, Features- eyes, nose, lips, ear, Hairstyles.
- Fleshing of block figures.
- Figures in Motion-X,S,T
- Draping of different Garments
- Visual Studies and rendering effects
- Designing Clothes line: Kids wear and Women wear.