

**BHARATHIAR UNIVERSITY: COIMBATORE -641 046**  
**CENTER FOR COLLABORATION OF**  
**INDUSTRY AND INSTITUTIONS (CCII)**

**DIPLOMA IN FASHION DESIGN & TECHNOLOGY**  
**(For the CCII candidates admitted from the academic year 2014-2015 & onwards)**

**SCHEME OF EXAMINATIONS**

SUBJECTS/CourseTitle	Examination	
	Duration	Total Marks
<b>SEMESTER I</b>		
Textile Science	3	100
Textile Design & Colour	3	100
Textile Design & Colour - Practical	3	100
Fashion Sketching - Practical	3	100
<b>SEMESTER II</b>		
Introduction to Fashion Design	3	100
Textile Design & Computer Software - Practical	3	100
Textile Traditional Design - Practical	3	100
Fashion Illustration - Practical	3	100
History of Indian & Western Costumes	3	100
<b>Project Report &amp; Viva Voce</b>		100
<b>Total</b>		<b>1000</b>

**Eligibility:** Pass in 12<sup>th</sup> standard or its Equivalent.

**Duration of the Course:** The course shall extend over a period of one year comprising of two semesters.

**SEMESTER I****TEXTILE SCIENCE****OBJECTIVE:**

The subject aims to make the students differentiate types of fabrics and yarns and the use of it in clothing.

**UNIT - 1 : FIBRES**

Flow chart from fiber to finished fabric -Fiber classification Different methods of fiber identification – physical examination, burning test, chemical test. Properties of natural fibers (vegetables and animal) i.e. cotton, linen, wool, silk, etc. - Properties of Synthetic fibers i.e. Polyester, nylon, acrylic, etc.

**UNIT - 2 : YARN FORMATION**

Different yarn formation process i.e. cotton yarn, woolen / worsted yarn, synthetic or blended yarn – blending, opening, cleaning, doubling, carding, combing, drawing, roving, spinning, yarn twist – S and Z, yarn classification.

**UNIT - 3 : WEAVING**

Different types of weaves – plain, satin, sateen, twill, bird's eye, jacquard, basket, ribbed, crepe, pile, dobby, triaxial, lappet. -Properties and uses of different weaves. -Construction of different weaves – their EPI and PPI. Different types of Weaving machinery, i.e. dobb, jacquard. Common defects in weaving.

**UNIT - 4 :**

Different methods of fabric formation i.e. Weaving, Knitting, non- woven. -Comparative study of woven, knitted and non- woven fabrics. Knitting , classification – single jersey, double jersey ,rib and interlock ,and characteristics of knitted fabrics.

**UNIT - 5 : NONWOVEN FABRICS**

Non – wovens -Classification of non- wovens -Properties and end users of non wovens - Different methods of production – Web formation, bonding, finishing. -Industrial visits.

**OUTCOME:**

Gain complete knowledge about the fabric and yarn structure, weaving

**TEXT BOOK :**

Fabric studies by KVP Singh Kalyani Publishers

**REFERENCE BOOKS :**

1. Textiles – Fiber to Fabric by Bernard P. Corbman McGraw Hill
2. Introduction to textiles by KVP Singh Kalyani Publishers
3. Textiles – Fiber to Fabric by Bernard P. Corbman McGraw Hill

## **TEXTILE DESIGN & COLOUR**

### **OBJECTIVE:**

The course aims to enhance the drawing skills of the learner in terms of space, proportion, colour thus evolving into a design and dyes)

### **UNIT – 1: BASIC - DRAWING**

Exploration of the various characteristics of line and its expression. Horizontal, Vertical, diagonal, thick, thin, wavy, straight and zigzag. Exploration of the various types of shapes line squares, rectangles, triangles, circles, polygons etc., and forms like cubes, cones, prisms, spheres, cylinders etc. Study of light and dark, illusions of depth, advancing forms, etc. Experimentation with textural effects- visual and tactile, natural and man-made like cross hatching, dots, squares, stripes etc. The physical properties of colour, the psychological impact, the various harmonies, their permutations and combinations.

### **UNIT – 2: DRAWING AND ILLUSTRATION**

Aerial space, linear space, planar space, receding space, advancing space etc., Designing a unit and its application. Symmetrical balance, asymmetrical balance, radical balance using the various elements of design. Interrelated proportions, contrasting and relating scales using the elements of design. Repetitive rhythm, progressive rhythm, radial rhythm, alternating rhythm. Principle of subordination and domination and highlighting / underplaying. Combination of the elements of design in an integrated manner. Integration of diverse features unifying elements. Stimulation of interest in compositions made for similar features with the introduction of varied elements.

### **UNIT – 3 : COLOUR**

Dimensions of color- hue, intensity and value. Color 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 colours- red, blue, green, yellow, orange, pink, purple, grey black, white, neutrals. Colour and combination in clothes. Factors affecting the choice of colours- effects of light, texture, age, size, personality, complexion, occasion.

Natural Dyes – synthetic dyes – Types of Dyes preparation – Dying method.

### **UNIT – 4: TEXTURE**

Types of textures- thread pulling, thread crumple, thread rolling, paper dabbling, wax rubbing, wax drop , smoke , blade , leaf, flower, butterfly, lace, jute, thumb, matchstick, sponge, cabbage, potato, onion, chilly, lady finger, ink drop, ink blow, drop ink, batik, leather, dry brush, mesh, comb, cloth dabbling etc., Textural effects, use of textures in fashion designing. Depicting textures (e.g., silk, satin, chiffon, denim, coduroi, velvet, knit etc., ) and patterns on clothes.

**UNIT – 5: DESIGN**

Principles of design-repetition, gradation, radiation, dominance, unity, harmony, contrast, Proportion, balance & rhythm- its importance in designing. Elements of Design- Lines, Dots, Prints, Checks, silhouettes, colour, texture, etc.

**Outcome:**

Gaining Knowledge about the Drawing, Colour, Illustration, Texture and Design

**TEXT BOOK:**

1. DESIGN STUDIES by Manmeet Sodhia- Kalyani Publishers

**REFERENCE BOOK :**

2. Fashion and color by Mary Garthe- Rockport Publishers

3. Color Harmony<sup>2</sup> by Bride M. Whelan- Rockport Publishers

**PRACTICAL - TEXTILE DESIGN & COLOUR**

1. Draw a Nature study of Birds, Animal forms Trees.
2. Draw a Fruits, Vegetables, flowers and geometrical forms.
3. Prepare exercises in lettering various types of Lines, rounds, zigzag, thin and thick.
4. Prepare a Textile Block printing designs on paper (8" x9" or 9" X 12")
5. Prepare a two colour dress material textile designs, size- 9x9 inches .
6. Draw a COLOR WHEEL and warm and cool colours ,
7. Draw analogous colours- tints, tones and shades, achromatic and monochromatic colours .
8. Draw effects of colors- red, blue, green, yellow, orange, pink, purple, grey black, white, neutrals.

**FASHION SKETCHING- PRACTICAL**

1. Draw a croqui drawing – all sizes, and all poses (front, back, side, 3/4)
2. Draw a different types of Faces ; Hands, eyes, nose, lips, ear.
3. Draw Hair styles
4. Draw Illustration of Gathers, Folds, Pleats showing fullness in a garment.
5. Draw an illustration drawing and figure drawing
6. Prepare collage work of different models
7. Draw in detail- Collars, Necklines, Pockets, Sleeves, Waistlines, cuffs, skirts, trousers, yokes, waistlines

## **Semester II**

### **INTRODUCTION TO FASHION DESIGN**

#### **UNIT I**

Terms related to the fashion industry –fashion, style, fad, classic, and collection, chic Custom made , mannequin , fashion , show, trend, forecasting, high fashion, fashion cycle, haute couture, couture, couturier, fashion director, fashion editor, line, knock-off avantgarde, bridge, buying house, apparel, fashion merchandising, pre -a -porter, sample.

#### **UNIT II**

Design-definition and types–structural and decorative design, requirements of a good structural and decorative design. Elements of design –line, shape or form, colour , size and texture. Application of structural and decorative design in a dress, selection and application of trimmings and decorations. Fashion accessories-ties –different types/ shapes.

#### **UNIT III**

Principles of design -balance –formal and informal, rhythm-through repetition, radiation and gradation, emphasis, harmony and proportion. Application of principles of design in a dress. Colour-definition, colour theories-prang colour chart and munsell colour system, Dimensions of colour-hue, value, and intensity. Standard colour harmonies-application in dress design. Colour in principles of design-application of the same in dress design.

#### **UNIT IV**

Deigning dresses for unusual figures –becoming and unbecoming –for the following figure types. 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, prominent chin and jaw, prominent forehead.

#### **UNIT V**

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

Reference:

1. Fashion Sketch Book –BinaAbling, Fair Child Publications, New York Wardrobe
2. Strategies for Women –Judith Rasband, Delmar publishers London Fundamentals of Textiles and their Care-SusheelaDantyagi, 5thedition., Orient Longman Ltd New Delhi

**PRACTICAL- TEXTILE DESIGN & COMPUTER SOFTWARE**

1. Draw two colour dress material textile with naturalistic design size – 9x9 inches using coral draw software.
2. Draw two colour dress material textile with abstract design size – 9x9 inches using coral draw software.
3. Draw two colour dress material textile Geometrical design size – 9x9 inches using coral draw software.
4. Do colour separation in given dress material design by coral draw.
5. Separate first colour and second colour of given design by film processing coral draw

**PRACTICAL- TEXTILE TRADITIONAL DESIGN**

1. Prepare sari border design
2. Prepare sari putta design
3. Prepare sari border and putta design with two colours and four colours
4. Prepare colour preparation, colour correction, & colour matching.
5. Draw traditional textile sari design with colours
6. Do traditional printing like batik, hand block printing, dye & tie

**PRACTICAL –FASHION ILLUSTRATION**

Draw fashion illustration design

1. Figure drawing
2. Different types of apparels
3. Different styles of garments

Prepare different presentation of fashion illustration

1. Water colour
2. Poster colour
3. Colour pencil
4. Collage work

Draw classic and innovative designs

1. Collars
2. Necklines
3. Pockets
4. Sleeves
5. Waistlines. Cuffs, skirts,
6. Trousers , yokes, waistlines

## **HISTORY OF INDIAN & WESTERN COSTUMES**

### **OBJECTIVE:**

The subject aims to make the student understand the clothing trends in different states of India as well as costumes for Western culture.

### **UNIT – 1: COSTUMES**

Beginning of costume, Growth of dress out of painting, cutting etc....., Study of dyed and printed textiles of India – Bandhani, patola, ikat, 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 – 2: TRADITIONAL COSTUMES IN DIFFERENT STATES OF INDIA**

**Costumes of India** – Traditional costume of different states of India

Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Assam, Orissa, Bihar, West Bengal.

### **UNIT – 3: TRADITIONAL COSTUMES IN DIFFERENT STATES OF INDIA**

Maharashtra, Rajasthan, Haryana, Himachal Pradesh, Uttar Pradesh, Jammu and Kashmir, Gujarat, Madhya Pradesh.

### **UNIT – 4: INDIAN JEWELLERY**

Jewellery used in the period of Indus valley civilization, Mauryan period, Gupta period, the Pallava and chola period, Symbolic jewellery of South India, Mughal period, temple jewellery of South India, Tribal jewellery.

### **UNIT – 5: TRADITIONAL EMBROIDERIES OF INDIA**

Origin, embroidery stitches used-embroidery of Kashmir, Phulkari of Punjab, Gujarat – Kutch and Kathiawar, embroidery of Rajasthan, Kasuti of Karnataka, Chickenkari work of Lucknow, Kantha of Bengal – in all the above – types and colours of fabric/thread.

### **OUTCOME:**

To get an idea about traditional Indian Costumes, jewelleryes and embroideries.

### **TEXT BOOK**

1. History of fashion ,Manmeet Sodhia-Kalyani Publishers
2. Fashion Kaleidoscope, Mehar Castelino-Rupa and Co

### **REFERENCE BOOKS :**

Indian Jewellery – M.L.Nigam, Lustre Press Pvt Ltd, India (1999)

Indian Costume – G.H Ghosrye, Popular books Pvt Ltd.

The costumes and textiles of India- Jamila Brij Bhushan, D B Taraporevala Sons &Co, Bombay (1958)

Costumes of India , Dorris Flyn, Oxford &IBH Publishing Co, Delhi (1971).

Costumes of India and Pakistan b-Das S N , D B Taraporevala Sons and Co, Bombay (1956).

Traditional Indian Textiles, Parul B. Abhishek Publications

## **PROJECT REPORT AND VIVA-VOICE**

### **OBJECTIVE:**

The student will be required to undertake a research on any topic related to Fashion Designing

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### **FORMULATING**

The length of the report may be 150 double spaced pages (excused appendices and annexure)

10% variation on either side is permitted.

### **GUIDELINES**

List of contents of the research

Chapter I - Introduction

Chapter II Scope, Objective, Methodology, and limitation of the research

Chapter III data analysis

Chapter IV results and discussion

Chapter V recommendation

Chapter VI annexure, exhibits, and bibliography

### **SUBMISSION OF THE REPORT**

Three copies of the report have to be submitted before the due date as specified by the college.

The original copies should be submitted to the university through the college concerned.

The College copy is to be retained by the college and the personal copy should be duly signed by the faculty guide and Principal or HOD of the HM Department. The student should carry the personal copy to the Viva Voce

The Student should also carry the following:

- Duly signed personal copy of the project
- Examination Hall ticket
- College Identity card