

SYLLABUS AND STUDY SCHEME FOR
DIPLOMA IN FASHION TECHNOLOGY
DURATION-1 YEAR (Two Semesters each of six months duration))

NOTE: - Students have exit option after Semester-I which will be considered as a Certificate Course in Fashion Designing (6 Months).

Science & Technology Entrepreneurs' Park (STEP)

Guru Nanak Dev Engineering College, Gill Road, Ludhiana

Study Scheme of One Year Course/ Diploma in Fashion Technology

SEMESTER – I

Subject Name	Paper Code	Load Allocations (Per Week)		Marks Distribution			Total Marks
		L	P	Theory	Practical	Assessment	
1. Concepts of Fashion.	DFT-101	05	00	40	-	10	50
2. History of Costumes.	DFT-102	05	00	40	-	10	50
3. Concepts of Design.	DFT-103	02	03	40	40	20	100
4. Fashion Illustration-(I).	DFT-104	00	05	-	80	20	100
5. Drafting & Pattern Making (Kids).	DFT-105	00	05	-	40	10	50
6. Computer fundamentals (Intro to corel).	DFT-106	02	03	40	40	20	100
7. Basic Sewing Techniques.	DFT-107	00	05	-	40	10	50
8. Garment Construction (Kids).	DFT-108	00	05	-	80	20	100
TOTAL		14	26	160	320	120	600

SEMESTER – II

Subject Name	Paper Code	Load Allocations		Marks Distribution			Total Marks
		L	P	Theory	Practical	Assessment	
1. Fashion Communication.	DFT-201	05	00	40	-	10	50
2. Textile Science.	DFT-202	02	03	40	40	20	100
3. Introduction to Computer Graphics.	DFT-203	02	03	40	40	20	100
4. Fashion Illustration-(II).	DFT-204	00	05	-	80	20	100
5. Drafting, Layout, Pattern Making and Draping (Adult).	DFT-205	00	05	-	40	10	50
6. Garment Construction-(II).	DFT-206	00	05	-	80	20	100
7. Product Development Presentation (Exhibition /Fashion show).	DFT-207	00	05	-	80	20	100
TOTAL		09	26	120	360	120	600

SEMESTER – I

DFT-101:- CONCEPTS OF FASHION :-

(UNIT- I)

- Nature, Origin & Evolution of fashion.
- Definition, Components & Terminology of fashion – High fashion, Mass fashion, Unusual fashion, Style, Design, Classic, Fad, Trend, Silhouette, Texture& Colour.

(UNIT- II)

- Characteristics, Principles & Elements of fashion.
- Fashion cycle- Stages, Length & Breaks.

(UNIT- III)

- Fashion forecasting & Innovation, Market research, fashion service & Resources.
- Inspiration of fashion from sources like: Historical & Ethnic costumes, fabrics, Arts, street scenes, Nature.

(UNIT- IV)

- Factors Influencing fashion .
- Theories of fashion Adoption.

DFT-102:- HISTORY OF COSTUMES:-

- Origin & Theories of Clothing.
- Origin of costumes and their development according to social factors.
- Traditional costumes of India –
 1. Jammu & Kashmir- Male and Female Costumes.
 2. Himachal Pradesh- Male and Female Costumes.
 3. Panjab- Male and Female Costumes.
 4. Rajasthan- Male and Female Costumes.
 5. Gujarat- Male and Female Costumes.
 6. Maharashtra- Male and Female Costumes.
- Role of fashion Designers and Scope.

DFT-103:- CONCEPTS OF DESIGN:-

(UNIT- I)

- Elements of Design:- Line , Form, Shape, Pattern, Color and Texture.
- Principles of Design:- Harmony, Balance, Rhythm, Proportion, Emphasis, Light and Space.

(UNIT- II)

- Definition and Types of Silhouettes.
- Meaning of figure and Ground.

(UNIT-III)

- Color Contrast & Concentration:- Hue, Saturation, Intensity.
- Color Theory, Color Schemes.

(UNIT- IV)

- Texture and its types.
- Application of elements & principles of design in dress: Creating optical illusion in dress to enhance a body type.

DFT-104:- Fashion Illustration-(I) .

Objective: To enable students to understand Figure sketching to enable students to understand Illustration techniques for various garment details.

- Introduction to basics of Sketching & Drawing and Introduction to drawing equipments, tools and coloring mediums.
- Drawing of Basic Block and Shape figure:-
 - a) Ten and twelve headed Croqui – front and side profile .
 - b) Drawing of hair/ hairstyles .
- Sketching of Garments and Garment details:-
 - a) Skirts.
 - b) Pants.
 - c) Sleeves details.
- Sketching of Accessories:-
 - a) Hats & Headgears.
 - b) Footwear.
 - c) Bags & Purses.
 - d) Jewellery.

DFT-105:- Drafting & Pattern Making (Kids):-

- Preparation of basic patterns for kids :-
 - a) Basic bodice -front and back (kids).
 - b) Basic skirt - front and back (kids).
 - c) A-Line Frock.
- Drafting of following garments:-
 - a) Blouse
 - b) Top with Dart- Manipulation
 - c) Frock.
- Introduction to Grading of :-
 - a) Basic Bodice & Sleeve Block.
 - b) Skirt Block.
 - c) Grading of Full Sleeve.

DFT-106:- Computer Fundamentals (Intro to Corel):-

PART-A

- Introduction to Computers - Computers in our Lives, Importance of Computer Literacy.
- Computer in your career (Computer Graphics & Design).
- Applications of Computers, History of Computers.
- Shapes/Types of Computers (Super computers, Mainframe Computers, Minicomputers, Personal Computers).

PART-B

- Introduction to CorelDraw.
- Starting CorelDraw, Introduction to Corel Draw Menu.
- Introduction to CorelDraw Page Setup.
- Introduction to various tools of CorelDraw.

DFT-107:- Basic Sewing Techniques:-

Techniques of Surface Ornamentation, Embellishment, Embroidery & Seam Process .

Unit – I

- Introduction to Surface Ornamentation and Embroidery – General rules for Hand and Machine Embroidery – Special Attachments to Sewing Machines for Embroidery – Tools and Equipments – Needles – Threads.

Unit – II

- Hand Embroidery stitches - Running Stitch – Laced Running Stitch - Back stitch – Stem Stitch – Satin stitch – French Knot - Bullion Knot –Blanket Stitch – Button Hole Stitch – Spider Web Stitch – Fly Stitch – Feather stitch - Chain Stitch – Lazy Daisy Stitch –Fern Stitch – Fish Bone Stitch . Techniques of Crocheting, hand knitting, appliqué work, Ribbon work, lace work, rope work, other decorations and trimmings to produce different designs.

Unit – III

- Special stitches - Counted thread work on canvas material – Drawn Thread Work – Cut Work – Bead Work – Mirror Work . Designing and producing fabric appliqués and placing it on children and women’s apparel.

Unit - IV

- Machine embroidery stitches using SNLS machines – running stitch, long and short stitch, cut work.
Market survey of fabrics, buttons, and trims.

DFT-108:- Garment Construction (Kids):-

Objective:-

1. To understand and appreciate different kinds of stitches and seams.
2. To develop the skills of operating the Machine.
3. Cutting and Sewing principles.
4. To develop the skills of making seams, Tucks, pleats, the utility of seams gathers etc.

• **Themes:-**

1. Party Wear.
2. Casual Wear.

• **Design Development:-**

1. Research.
2. Finalization of Designs.
3. Measurements.

• **Pattern Development:-**

1. Development of patterns from basic blocks & fabric calculation.
2. Layout.

• **Garment Construction:-**

Prototype Development of Two Garments.

SEMESTER – II

DFT-201:- FASHION COMMUNICATION:-

(UNIT-I)

- Basic fashion Terminology:- Accessories, Adaptation, Advertising, Apparel, Boutique, Classic, Collection, Custom Made, Design, Fad, Fashion, Fashion cycle, Fashion forecasting, High fashion, Line, Mass fashion, Trunk show.

(UNIT-II)

- Communication- definition, methods, barriers of communication and suggestion to overcome barriers.
- Fashion Advertising.
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(UNIT-III)

- Meaning & Definition of mass communication.
- Need of mass communication in fashion world.
- Role of media in Fashion world.

DFT-202:-TEXTILE SCIENCE:-

(UNIT-I)

- Definition of Textile fibre, Yarn and fabric.
- Properties of different fibres- Cotton, Linen, Wool, Silk, Nylon and Rayon.

(UNIT-II)

- Yarns: Types of Yarns.
 - a) Simple- single, ply & cord yarns.
 - b) Textured- stretch, bulk & core spun yarns.
 - c) Blended yarns.

(UNIT-III)

- Theory of Dyeing process like Tie & Dye.
- Natural Dyes and Synthetic dyes.
- Classification of dyes: Direct dyes, acid dyes, basic dyes etc.

(UNIT-IV)

- Dyeing of cotton with direct dye.
- Dyeing of wool & silk with acid dye.

Field work- Industrial visit to Textile & Fabric Manufacturing unit & Textile Testing Center.

DFT-203:-INTRODUCTION TO COMPUTER GRAPHICS:-

PART-A:-

- Different Computer Graphic Files like GIF, JPEG, PNG, BMP, TIFF etc.
- Introduction to Computer Graphic Application.
- Image Scanner, Types, Installation, Basics of Scanning.

PART-B:-

Introduction with FASHION DESIGN SOFTWARE like:

- **COREL DRAW:-**
 - a) Understanding application of basic tools of coral draw.
 - b) Design Logos.
 - c) Visiting Cards.
- **ADOBE PHOTOSHOP:-** Introduction to Adobe Photoshop - Introduction to tools, Understand basic and commonly used Photoshop tools and Palettes , Selecting correct file size and resolution , Selection Tools, Saving and Importing , Scanning and Printing in Photoshop, Cleaning hand drawn sketches in Photoshop.
- **ADOBE ILLUSTRATOR:-** Introduction to Vector and Raster Graphics Type, Applying Filters, colour tone adjustments & Use of certain filters to create print patterns and effects and Working on Backgrounds.

DFT-204:- FASHION ILLUSTRATION (II):-

- 1.** Developing a Croqui in all different poses.
- 2.** Rendering of a Croqui in all mediums i.e. pastel colors, colorpencils, water colors.
- 3.** Depicting various Silhouettes on fashion figures.
- 4.** Illustrate variations in-
 - Dresses.
 - Trousers/Jeans.
 - Coats & Jackets.
- 5.** Illustration of details of pleats, Tucks, Darts & Yokes.
- 6.** Creating the design concept through- Theme Board & Mood Board.
- 7.** A Portfolio will be prepared by each student.

DFT-205:- DRAFTING, LAYOUT, PATTERN MAKING AND DRAPING (ADULT):-

- Drafting & Pattern making of following:-
 - a) Blouse.
 - b) Palazzo, pajama.
 - c) Nightwear.
- Drafting of – Circular, A-line, Flared Skirts.
- Dart- Manipulation:-
 - a) Single Dart.
 - b) Double Dart.
 - c) Princess Line.
 - d) Yokes.
- Draping -Introduction to Draping:-
 - a) Equipments.
 - b) Seam allowance/ease.
 - c) Preparation of fabric.
 - d) Dress forms.

DFT-206:- GARMENT CONSTRUCTION (II):-

- **Construction of Following Garments:-**
 - a) Blouse.
 - b) Palazzo, Pajama .
 - c) Anarkali Frock Suit.
 - d) Ethnic Dress.

DFT-207:- Product Development Presentation (Exhibition/ Fashion Show):-

OBJECTIVE:- To initiate students to show their skills in designing and presentation.

EXHIBITION/ FASHION SHOW

- Exhibition/ fashion show will be organized by the students to show their creativity in designing collections for domestic & international market.