

SCHEME & SYLLABUS
*P.G Diploma in Garment Construction and
Fashion Designing*



Department of Sciences & Humanities
UISH
Sant Baba Bhag Singh University
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Course Scheme of P.G Diploma in Garment Construction and Fashion Designing

SEMESTER I

1. Theory Subjects

Sr. No	Subject Code	Subject Name	Contact Hours (L:T:P)	Credits (L:T:P)	Total Contact Hours	Total Credit Hours
1.	FD107	Fashion Concept	3:0:0	3:0:0	3	3

2. Practical Subjects

Sr. No	Subject Code	Subject Name	Contact Hours (L:T:P)	Credits (L:T:P)	Total Contact Hours	Total Credit Hours
1	FD115	Elements of Design and Illustration I (Practical)	0:0:4	0:0:2	4	2
2	FD117	Basics of Sewing I (Lab)	0:0:4	0:0:2	4	2
3	FD119	Garment Designing I (Practical)	0:0:4	0:0:2	4	2
4	FD121	Pattern Making I (Practical)	0:0:4	0:0:2	4	2
5	FD123	Workshop : Surface Ornamentation I (Practical)	0:0:4	0:0:2	4	2

Total Contact Hours: 23

Total Credits Hours: 13

SEMESTER II

1. Theory Subjects

Sr. No	Subject Code	Subject Name	Contact Hours (L:T:P)	Credits (L:T:P)	Total Contact Hours	Total Credit Hours
1.	FD108	Textiles	3:0:0	3:0:0	3	3

2. Practical Subjects

Sr. No	Subject Code	Subject Name	Contact Hours (L:T:P)	Credits (L:T:P)	Total Contact Hours	Total Credit Hours
1	FD116	Illustration (Practical)	0:0:4	0:0:2	4	2
2	FD118	Pattern Making II (Practical)	0:0:4	0:0:2	4	2
3	FD112	Basics of Sewing II(Lab)	0:0:4	0:0:2	4	2
4	FD120	Garment Designing II (Practical)	0:0:4	0:0:2	4	2
5	FD122	CAD (Lab)	0:0:4	0:0:2	4	2
6	FD124	Workshop : Surface Ornamentation II (Practical)	0:0:2	0:0:1	2	1

Total Contact Hours:25

Total Credits Hours: 14

First Semester



Course Code	FD107
Course Title	Fashion Concept
Type of course	Theory
L T P	5 0 0
Credits	5
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To create awareness about clothing culture. To impact knowledge of clothing communication and fashion expression

UNIT-I

Fashion Terminology: Fashion, style, change, fashion cycle, fad, classic, boutique, croque, fashion trends, haute couture, designer, prêt-a-porter, silhouette, street fashion.
Elements of design

UNIT-II

Fashion: Definition, Importance, factors affecting fashion, difference of fashion and anti-fashion, principles of fashion.
Importance of drafting, how to take measurements, equipments needs for stitching.

UNIT-III

Origin of fashion.

Fashion cycles and breaks in fashion cycle.

Fashion theories - trickle down, trickle across and bottom up theory.

UNIT-IV

Fashion forecasting – concept of seasons, fairs and international markets.
Role of Social and Psychological aspects of clothing.
Traditional textiles of India.

RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Fashion Design Vol.1 Fashion Concept	Dr. Navneet Kaur	Comdex /Dreamtech press
2	Inside Fashion Design	Sharon Lee Tate	Pearson

Course Code	FD115
Course Title	Elements of Design and Illustration I (Practical)
Type of course	Practical
L T P	0 0 4
Credits	2
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To help students to understand design fundamental, elements and principals of design. To enable students to gain knowledge of figure sketching and drawing. <p>To understand the fashion design concepts, illustration techniques and colour theories.</p>

Syllabus

UNIT-I

1. Different art media like pencil, crayons, acrylic, poster etc. Color Wheel : Primary Color, Secondary Color and Tertiary Color

UNIT-II

1. Introduction to colour, all kinds colour schemes Achromatic, Analogous, Monochromatic and Complementary, hue, value intensity of colors. Texture Development : Jute, Thumb, Comb, Ink Blow, Sponge Effect, Blade

UNIT-III

1. Nature study(flowers & leaves)
2. Human study (Features: Eyes, Arms, Hands, Legs and Foot)
3. Jewellery for women(casual or formal)

UNIT-IV

1. Block Figures : 8 Head Figure, 10 Head Figure, 12 Head Figure
2. Flesh figures in different postures
3. Illustration of figures with accessories and garments.

RECOMMENDED BOOKS

Sr. No	Name	Author(S)	Publisher
1	Fashion Design Drawing And Presentation	Patrick john	B.T Batsford, London
2	Figure Drawing For Fashion	Elisabetta Drudi	The Pepin Press.
3	Fashion Drawing- The Basic Principals.	Allen And Seaman	B.T Batsford, London
4	Fashion And Color	Mary Garth	Mcgraw Hill Book Company
5	Principal Of Colour And Colour Mixing	Bustanoby J. H	Mcgraw Hill Book Company

Course Code	FD117
Course Title	Basic of Sewing –I (LAB)
Type of course	Practical
L T P	0 0 4
Credits	2
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To impart knowledge of machines used for sewing.

Syllabus

1. Introduction to different parts of sewing machine, their care and maintenance
2. **Basic hand stitches:** Even and Uneven Tacking, Visible and Invisible Tacking, Diagonal Tacking, Back Stitch, Blanket Stitch.
3. **Basic machine stitches:** Plain Seam , Run ‘n’ fell Seam , French Seam , Counter Seam , Counter hem , Mantua Maker , Binding , Slot , Lap , Piped.
4. **Plackets:** One piece placket (continuous), Two piece placket, Zip placket.
5. **Pockets:** Patch Pocket, Flap Pocket, welt pocket bound pocket cross pocket
6. **Sleeves :** Plain, Puff Petal, Magyar, Saddle tulip, leg-o-mutton, dolman.
7. Construction of Casual Frock, Party Wear, Night Wear

RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Basic Process and Clothing Construction	Shree Doongaji and Roshani Desh Pande	Publisher Unique Education Books , Raj Parkashan , New Delhi.
2	Garment Construction Skills	Mulhak Premlata	Sewing Techniques , ADK Publishing Books , New York 1996
3	The Art Of Sewing	Thomas, Anna, Jacob	UBSPD Publishers Distributors Ltd , New Delhi

Course Code	FD119
Course Title	Garment Designing I (Practical)
Type of Course	Practical
LT P	0 0 4
Credits	2
Course Prerequisite	Graduation
Course Objectives (CO)	<ul style="list-style-type: none"> To Impart Knowledge about : Various Fashion Details and Designing various outfits, Various Illustration Techniques, Fashion Design Concepts.

Syllabus

1. Designing Kids Wear by taking inspiration from various sources. Style read the design suggesting suitable fabric and layout:
 - Casual wear
 - Formal wear
 - Night wear
 - Prepare a scrapbook with Fashion News, Designs and Pictures

S. No	Name	Author(S)	Publisher
1	Garment Construction Skills	Mulhak Premlata	Sewing Techniques , ADK Publishing Books , New York 1996
2	Fashion Design Drawing And Presentation	Patrick john	B.T Batsford, London
3	METRIC Pattern Cutting	Winfred Aldrich	Blackwell Science, UK

Course Code	FD121
Course Title	Pattern Making I (Practical)
Type of course	Practical
L T P	0 0 4
Credits	2
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To impart Knowledge about : Different aspects of Pattern Making, Commercial Pattern Making

Syllabus

- 1. Preparation of the basic Pattern for the Following:**
 - Drafting of Child's Basic Bodice Block
 - Drafting of Basic Sleeve Block
 - Drafting of Basic Skirt Block- Circular, Skirt with Yoke
- 2. Adaptation of the following sleeves**
 - Set-in-Sleeves : Puff, Petal, Cap Sleeve, Tulip, Leg-o-mutton, Dolman
 - Extended Bodice : Magyar
 - Part Bodice in Sleeves : Saddle
- 3. Adaptation of the following collars :**
 - Sailor, Cape, Peter Pan, Mandarin collar, shirt collar.
- 4. Developing Industrial Paper Pattern :**
 - A- Line Frock
 - Gathered Frock

RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	METRIC Pattern Cutting	Winfred Aldrich	Blackwell Science, UK
2	Flat Pattern Design	Bane Allye	MC Grow Hill Publisher, USA
3	Basic Process and Clothing Construction	Shree Doongaji and Roshni Desh Pande	Publisher Unique Education Books, Raj Prakashan, New Delhi

Course Code	FD123
Course Title	Workshop: Surface Ornamentation I (Practical)
Type of course	Practical
L T P	0 0 4
Credits	2
Course pre-requisite	Graduation
Course Objectives (CO)	<ul style="list-style-type: none"> To enable students learn methods of surface ornamentation of fabric using different techniques to produce value-added products. To enable the students to develop practical skills in needle craft techniques.

SYLLABUS

Develop one sample each for the following techniques

1. NEEDLE CRAFT

- Basic 10 stitches
- Patch work and Quilting
- Applique
- Smocking

2. DYEING AND PRINTING

- Screen Printing
- Stencil Printing
- Fabric Painting

3. The above to be incorporated in the garment

RECOMMENDED BOOKS

S.No.	Name	Author	Publisher
1	Traditional Embroideries of India	Naik Shailaja	APH Publishing corporation
2	Creative Art of Embroidery	Snook Barbara	Numbly Pub. Group ltd, london
3	Vogue Dictionary of crochet Stitches	Mathew Anne	David and Charles, london
4	Textiles and Embroideries of india	Anand M.R.	Marg Publications, Bombay

Second Semester



Course Code	FD108
Course Title	Textiles
Type of course	Theory
L T P	3 0 0
Credits	3
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To impart the knowledge of fiber, sources of fibers, their definitions and properties To provide students with knowledge of yarn science and yarn properties

Syllabus

UNIT I

Textile terminologies: Fiber, yarn, elasticity, absorbency, resiliency, drapability, twist, blend, staple, filament, combing, carding, roving, spinning, slivering, lapping.

Introduction to textile fibers.

Classification of fibers : according to their origin and source (natural and man-made/synthetic)

UNIT II

Manufacturing Process : Properties and use, types of natural fibers

Manufacturing Process : Properties and use, types of Man-Made/Synthetic fibers

UNIT III

Introduction to yarns

Classifications of yarns : simple yarns- Single, multiply, and cord yarn; Novelty yarns- Slub, Spiral, boucle, grenelelle, nub , Chennile.; Textured yarns-Stretch yarn, bulk yarn, Blanket yarns.

Manufacturing of yarns

Yarn properties : yarn liner density, twist in yarns, twist direction and strength, yarn count and Yarn numbering system

UNIT IV

Traditional fabrics of different states of India

Kashmir – Shawls

Bengal – Baluchar, Jamdani

U.P – Brocades

Gujarat – Patola

Rajasthan – Bandhani

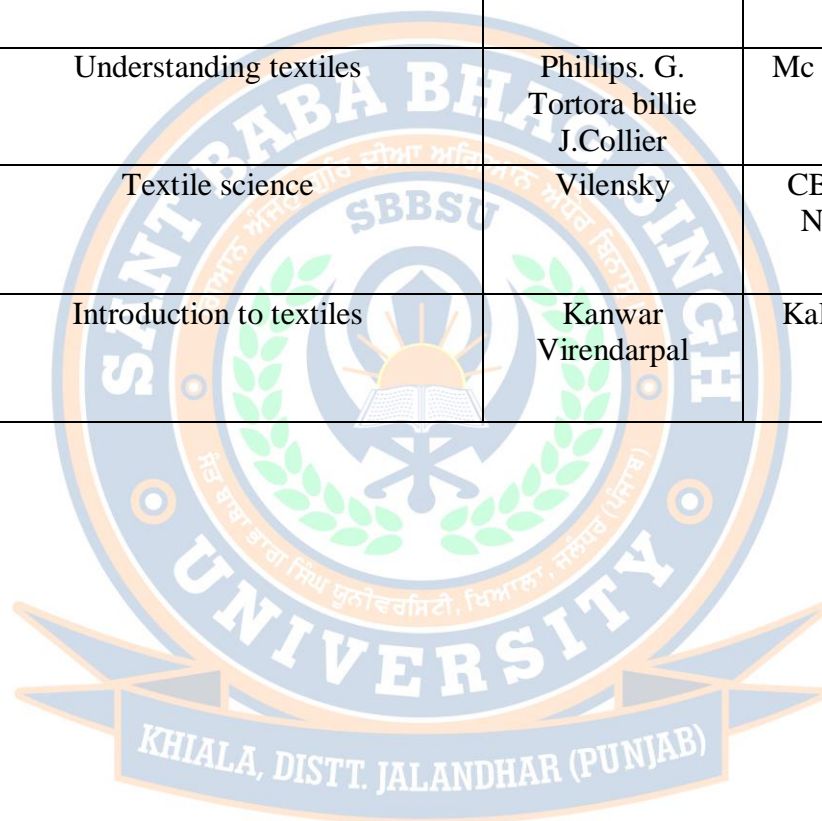
Andhra Pradesh – Pochampalli/ Kalamkari

Orissa – Ikkat

Madhya Pradesh – Chanderi

RECOMMENDED BOOKS

Sr. No	Name	Author(s)	Publisher
1	Textile fiber to fabric	Bernard.P. Corbman	McGraw hill
2	A textbook of fiber science and technology	S.P. Mishra	New age international 2000
3	Understanding textiles	Phillips. G. Tortora billie J.Collier	Mc Millan Co. USA 1997
4	Textile science	Vilensky	CBS Publication , New delhi 2000
5	Introduction to textiles	Kanwar Virendarpal	Kalyani Publishers



Course Code	FD116
Course Title	Illustration (Practical)
Type of course	Practical
L T P	00 4
Credits	2
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To enable students to gain knowledge of figure sketching and drawing fashion details on sketchbook and also on CAD. The objective of the course is to increase the proficiency drawing skills and to inculcate creative ability in the application of these acquired skills to translate as idea for design on computer also.

Syllabus

- 1. Creating different fabric textures using different colors medium and techniques :** denim, nets, chiffon, velvet , fur, corduroy , **satin** (Two sheets each)
- 2. Sketching of accessories :** shoes, bags, purse, belt, hats, (Two sheets each)
- 3. Sketching of designing jewellery** for casual and formal wear (two sheets each)
- 4. Illustration of figure with dresses:** casual wear, sports wear, beach wear, party wear, night wear, bridal wear, ethnic wear, western wear

RECOMMENDED BOOKS

Sr. no	Name	Author(s)	Publisher
1	Fashion Sketch Book	Abling Bina	Thames And Hudson, London
2	Fashion Illustration	Drake And Nicholas	Thames And Hudson, London
3	Fashion Sketchbook	Abling, Bina	Fairchild Publication
4	Computers In Fashion Industry	Taylor P	Heinemann Pub. 1990
5	CAD in Clothing And Textiles	Aldrich Winfred	Blackwell Science 1994
6	Fundamentals Of Computer Graphic	Peter Shirley	Pearson, Pub.

Course Code	FD118
Course Title	Pattern Making II (Practical)
Type of Course	Practical
L T P	0 0 4
Credits	2
Course Prerequisite	Graduation
Course Objectives (CO)	To impart Knowledge about : Different aspects of Pattern Making, Commercial Pattern Making

Syllabus

1. Preparation of the basic pattern for the following :

- Female bodice block and sleeve block
- Basic skirt block, pegged skirt, gored skirt

2. Adaptation of the following sleeves :

- Set in sleeves : leg- o- mutton, lantern, cowl, dolman, bishop
- Extended bodice : Kimono and Drop shoulder
- Part bodice in sleeves: raglan

4. Adaptation of the following collars:

- stand and fall, mandarin , convertible, shawl, cowl

5. Dart manipulation by :

- Slash and spread method
- Pivot method
- Dart manipulation into :
- Single dart series
- Two dart series
- Multiple dart series
- Princess and empire line
- Yokes

6. Introduction to draping :

- Basic block front and back
- Skirt front and back
- Bodice variation- princess line, cowl neckline

7. Developing theme based industrial paper pattern :

- Salwar kameez
- Trouser

RECOMMENDED BOOKS

SR. NO	Name	Author(S)	Publisher
1	Basic Process and Clothing Construction	Shree Doongaji and Roshani Desh Pande	PublisherUnique EducationBooks , Raj Parkashan , New Delhi
2	Garment Construction Skills	Mulhak Premlata	Sewing Techniques , ADK Publishing Books , New York 1996
3	The Art Of Sewing	Thomas, Anna, Jacob	UBSPDPublishers

Course Code	FD112
Course Title	Basics of sewing II (Lab)
Type of Course	Practical
L T P	0 0 4
Credits	2
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To impart knowledge about: various construction techniques, applying these techniques in garment construction

			Distributors Ltd , New Delhi
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SYLLABUS

1. Construction of following garments

- Salwar kameez
- Saree blouse
- Ethnic wear
- Western wear
- Trouser

RECOMMENDED BOOKS

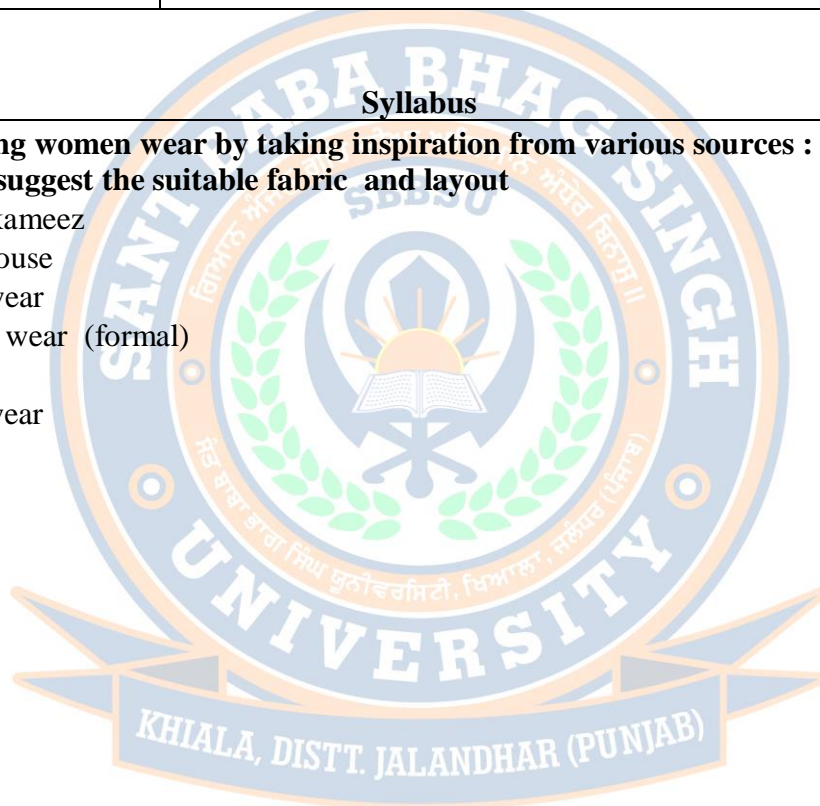
SR. NO	Name	Author(S)	Publisher
1	Basic Process and Clothing Construction	Shree Doongaji and Roshani Desh Pande	Publisher Unique Education Books , Raj Parkashan , New Delhi
2	Garment Construction Skills	Mulhak Premlata	Sewing Techniques , ADK Publishing Books , New York 1996
3	The Art Of Sewing	Thomas, Anna, Jacob	UBSPD Publishers Distributors Ltd , New Delhi

Course Code	FD120
Course Title	Garment designing II (Practical)
Type of Course	Practical
L T P	0 0 4
Credits	2
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To Impart Knowledge about : Various Fashion Details and Designing various outfits, Various Illustration Techniques, Fashion Design Concepts.

Syllabus

1. Designing women wear by taking inspiration from various sources : style read the design, suggest the suitable fabric and layout

- Salwar kameez
- Saree blouse
- Ethnic wear
- Western wear (formal)
- Trouser
- Sports wear



Course Code	FD122
Course Title	CAD (LAB)
Type of Course	Practical
L T P	0 0 4
Credits	2
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To impart knowledge about : Coral draw and photo paint, CAD based application in fashion designing

syllabus

1. **Instruction to coral draw**
 - Study tools in detail
 - Create a composition: geometrical , abstract
 - Create prints: traditional, nursery, floral
 - Create texture: denim, leather, corduroy, net
 - Draw three profiles of female figures (front, back , three-fourth)
2. **Design ten sheets of female wear : working on different activities**
 - (casual, sporty, ethnic, western, executive, night, formal, gown)

RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Computers In Fashion Industry	Taylor P	Heinemann Pub. 1990
2	CAD in Clothing And Textiles	Aldrich Winfred	Blackwell Science 1994
3	Fundamentals Of Computer Graphic	Peter Shirley	Pearson, Pub.

Course Code	FD124
Course Title	Workshop : surface ornamentation (Practical)
Type of Course	Practical
L T P	0 0 2
Credits	1
Course Prerequisite	Graduation
Course Objective (CO)	<ul style="list-style-type: none"> To enable students learn methods of surface ornamentation of fabric using different techniques to produce value-added products. To enable the students to develop practical skills in needle craft techniques.

Syllabus

1. **Sample making of the following traditional embroideries and any one article to be made comprising any embroideries and dying and printing**

A. Embroideries

- Chikankari of Uttar Pradesh
- Kutch of Gujarat
- Kantha of Bengal
- Kasuti of Karnataka
- Kashida of Kashmir
- Phulkari of Punjab

B. Dyeing and printing

- Tie and dye
- Batik
- Block printing

RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Indian Embroidery	Rosemary Crill	V&A Publications,1999
2	Traditional Indian Textiles	John Gillow Nicholar	Thames & Hudson Ltd
3	Textile And Craft Of India	Surendra Sahai	Prakash book depot

4	Indian Ethic Textile Design	Santosh Gupta	K.R.J. Book International
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