FACULTY OF SCIENCES

SYLLABUS

FOR

PG Diploma in Garment Construction & Fashion Designing
(Semester: I - II)

Examinations: 2019-20

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### Post Graduate Diploma in Garment Construction & Fashion Designing (Semester System)

#### Scheme

**SEMESTER-I**

<table>
<thead>
<tr>
<th>Paper</th>
<th>Subject</th>
<th>Theory</th>
<th>Practical</th>
<th>No. of per/wk</th>
<th>Duration of paper</th>
<th>Total marks</th>
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<tbody>
<tr>
<td>I.</td>
<td>PATTERN MAKING</td>
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<td>Pr</td>
<td>2X3</td>
<td>4hrs</td>
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<tr>
<td>II.</td>
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<td>Pr</td>
<td>2X3</td>
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<tr>
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<td>_</td>
<td>Pr</td>
<td>2X2</td>
<td>4hrs</td>
<td>50</td>
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<tr>
<td>IV.</td>
<td>GARMENT CONSTRUCTION</td>
<td>_</td>
<td>Pr</td>
<td>2X4</td>
<td>4hrs</td>
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<tr>
<td>V.</td>
<td>FASHION CONCEPTS</td>
<td>Th</td>
<td>_</td>
<td>6</td>
<td>3hrs</td>
<td>50</td>
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<tr>
<td>VI.</td>
<td>WORKSHOP - SURFACE ORNAMENTATION</td>
<td>_</td>
<td>Project (Int)</td>
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**TOTAL MARKS 350**
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Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–I)

PAPER-I: PATTERN MAKING (Practical)

Practical: 2X3 Pds/Week  
Total Marks: 50  
Time: 4hrs

Instruction for the paper setter:
i) There will be two questions from unit I and one from unit II

OBJECTIVES:
To impart knowledge about:  
i) Different aspects of pattern making.  
ii) Commercial pattern making.

UNIT: I

1. Preparation of the basic pattern for the following:  
i) Childs bodice block & sleeve block.  
ii) Basic skirt block-circular, skirt with yoke.

2. Adaptation of the following sleeves:  
i) Set in sleeves: Puff, Petal, and Cap sleeve.  
ii) Extended bodice: Magyar.  
iii) Part bodice in-sleeve: Saddle.

3. Adaptation of the following collars:  
i) Sailor, Cape and Peter Pan collars

UNIT: II

4. Developing industrial paper pattern:  
i) A-Line Frock  
ii) Gathered Frock
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–I)

PAPER-II: FASHION ILLUSTRATION (Practical)

Practical: 2X3 Pds/Week  Total Marks: 50
Time: 4hrs

instruction for the paper setters:
i) Three questions to be set.
ii) Internal choice may be given.

OBJECTIVES:
To enable students to understand:
i) Figure sketching.
ii) Illustration techniques for various fashion details.

1. Color wheel
   i) Color schemes: Complementary, Analogous and Monochromatic.
   ii) Intensity and Value chart.

2. Basic block figure.
   i) Fleshing of block figure.
   ii) Fashion figure in different poses.

3. Fashion details:
   Gathers, Frills and Flounces, Tucks, Shirring, Smoking, Embroidery, Appliqué Work, Patch Work, Pleats.
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–I)

PAPER-III: GARMENT DESIGNING (Practical)

instruction for the paper setters:
i) The source of inspiration will not be specified by paper setter.
ii) One question of design and layout will be set from unit I.

Practical: 2X2 Pds/Week  Total Marks: 50
Time of paper: 4hrs

OBJECTIVES:
To impart knowledge about:
i) Various fashion details and designing various outfits.
ii) Various illustration techniques.
iii) Fashion design concepts.

UNIT: I

1. Designing kids wear by taking inspiration from various sources. Style read the design; suggesting suitable fabric and layout.
   i)  A-line frock.
   ii) Formal wear.
   iii) Night wear.

2. Prepare a scrapbook with Fashion news, designs & pictures.
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–I)

PAPER-IV: GARMENT CONSTRUCTION (Practical)

Practical: 2X4 Pds/Week  Total Marks: 50
Time of paper: 4hrs

Instruction for the paper setter:
i) Question will set from unit II only.
ii) Students are allowed to use slopers for the adaptation.

OBJECTIVES:
To impart knowledge about:
i) Various construction techniques.
ii) Applying these techniques in garment construction

UNIT: I

Making samples of:
A. Hand stitches
   i. Even, uneven, diagonal tacking.
   ii. Visible, invisible hemming
   iii. Back stitch
   iv. Blanket stitch

B. Machine seams
   i. Plain seam
   ii. Run ‘n’ fell
   iii. French seam
   iv. Counter seam

C. Plackets
   i. Two piece
   ii. One piece
   iii. Zip placket

D. Pockets
   i. Patch pocket
   ii. Cross pocket

E. Sleeves
   i. Plain
   ii. Puff
   iii. Petal
   iv. Magyar
   v. Saddle
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–I)

F. **Collars**
   i. Peter pan  
   ii. Cape collar  
   iii. Sailor collar 

**UNIT: II**

**Construction of Following Garments**

A **Kids Wear**
   i. A-Line  
   ii. Party wear  
   iii. Night wear 

**UNIT: III**

**PRODUCTION SHOP**
   i. Each student will design and stitch two garments for kids by taking orders.
PAPER-V: FASHION CONCEPTS (THEORY)

Theory: 6Pds/Week                          Total Marks: 50
Time: 3hrs

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

Section - A

1. Drafting & its importance.
2. Definition: Fashion, fad, style, classic fashion, trends, mass fashion, high fashion.

Section - B

3. Origin of clothing.
4. Theories of fashion adoption.

Section - C

5. Fashion cycle & factors affecting it.
6. Fashion forecasting.

Section - D

7. Elements of design and principles related to clothing.
8. Factors affecting clothing choices for different age groups.
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–I)

PAPER-VI: WORKSHOP: SURFACE ORNAMENTATION (PROJECT) (Int.)

PRACTICAL: 2X2 Pds/WEEK TOTAL MARKS: 50

OBJECTIVES:
i) To enable the students to develop practical skills in needle craft and printing techniques.
ii) To enable the students learn methods of surface ornamentation of fabric using different techniques to produce value added products.

Practical: Students to develop one sample each for the following techniques.

1. NEEDLE CRAFT
   i) Basic 10 stitches.
   ii) Patchwork and Quilting
   iii) Appliqué
   iv) Smocking

3. DYEING AND PRINTING
   i) Screen printing
   ii) Stencil printing
   iii) Fabric painting

NOTE: The above to be incorporated in the garments.
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–I)

PAPER-VII: CAD IN FASHION (PRACTICAL)

Practical: 2X2 Pds/Week  
Time: 3hrs  
Total Marks: 50

instruction for the paper setter:
  i) Question paper will have one question from Unit II
  ii) Each question will carry equal marks.

OBJECTIVES:
To impart knowledge about:
  i) Corel draw and Photo paint.
  ii) CAD based application in fashion designing.

UNIT- I

  i) Introduction to computers.
  ii) Using internet.

UNIT- II

Corel Draw
  i) Study tools in detail.
  ii) Create a composition: Geometrical, Abstract.
  iii) Create prints: Traditional, Nursery, Floral.
  iv) Create texture: Denim, Leather, Corduroy, Net.
  v) Draw three profiles of female figure (front, back, three-fourth).
PAPER-I: PATTERN MAKING (Practical)

Practical: 2X4 Pds/Week  Time for Paper: 4hrs

Total Marks: 50

Instruction for the paper setter:
   i) Use of basic slopers are allowed
   ii) There will be two questions from unit I and one each from unit II & III.

OBJECTIVES:
To impart knowledge about:
   i) Different aspects of pattern making.
   ii) Dart manipulation and Draping.
   iii) Commercial pattern making.

UNIT: I

1. Preparation of the basic pattern for the following:
   i) Female bodice block & sleeve block.
   ii) Basic skirt block. Pegged skirt, Gored skirt.

2. Adaptation of the following sleeve:
   i) Set in -sleeves: Leg ‘o’ mutton, Cowl, Dolman.
   ii) Extended bodice: Kimono.
   iii) Part bodice in -sleeve: Raglan.

3. Adaptation of the following collars:
   i) Stand & Fall, Mandarin, Convertible, Shawl.
   ii) Cowl and Built Up Neckline

UNIT: II

4. Dart manipulation by:
   i) Slash and Spread Method.
   ii) Pivot Method.

5. Dart manipulation into:
   i) Single dart series.
   ii) Two dart series.
   iii) Multiple dart series.
   iv) Princess and Empire line.
   v) Yokes.
UNIT: III

6. Introduction to draping:
   i) Basic block- front & back.
   ii) Skirt-front & back
   iii) Bodice variation: princess line, cowl neck line.

UNIT: IV

7. Developing theme based industrial paper pattern:
   i) Salwar Kameez
   ii) Trousers
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–II)

PAPER-II: FASHION ILLUSTRATION

Practical: 2X3 Pds/Week  
Time For Paper: 4hrs  
Total Marks: 50

Instruction for the paper setters:
  i) Three questions to be set.
  ii) Internal choice may be given in all the questions

OBJECTIVES:
To enable students to understand:
  i) Figure sketching.
  ii) Illustration techniques for various garment details.

1. Creating different fabric texture using different color medium and techniques:
   Denim, Nets, Chiffon, Velvet, Fur, Corduroy, Satin.

2. Illustration of figure with dresses:
   Casual wear, Sportswear, Beach wear, Night wear, Party wear, Bridal wear, Ethnic wear, Western wear.

3. Designing jewellery for casual and formal wear. (3 sheets each)

4. Accessories- Shoes, Bags, Purses, Belts, Hats. (3 sheets each)
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–II)

PAPER-III: GARMENT DESIGNING (Practical)

Practical: 2X2 Pds/Week Total Marks: 50
Time of Paper: 4hrs

instruction for the paper setter:
i) The source of inspiration will not be specified by paper setter.
ii) One question of design and layout will be set.

OBJECTIVES:
To impart knowledge about:
i) Various fashion details and designing various outfits.
ii) Various illustration techniques.
iii) Fashion design concepts.

UNIT: I

1. Designing women wear by taking inspiration from various sources: Style read the design, suggest the suitable fabric and layout.
   
i) Salwar kameez.
   ii) Sari blouse.
   iii) Ethnic wear
   iv) Western wear (formal)
   vi) Trousers
   vii) Sports wear

2. Prepare a scrapbook with Fashion news, designs & pictures.
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–II)

PAPER-IV: GARMENT CONSTRUCTION (Practical)

Practical: 2X4 Pds/Week  
Time of Paper: 4hrs  
Total Marks: 50

instruction for the paper setter:  
i) Question will set from unit I only.  
ii) Students are allowed to use slopers for the adaptation.

OBJECTIVES:  
To impart knowledge about:  
i) Various construction techniques.  
ii) Applying these techniques in garment construction

UNIT: I

Construction of following garments

A. WOMEN WEAR  
i. Salwar-kameez  
ii. Sari blouse  
iii. Ethnic wear  
vi. Western wear  
v. Trousers

UNIT: II

PRODUCTION SHOP  
i. Each student will design and stitch 2garments by taking orders.  
ii. An exhibition will be held of all garments, stitched.
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–II)

PAPER-V: FUNDAMENTALS OF TEXTILE (THEORY)

Theory: 6 Pds/Week
Time of Paper: 3hrs
Total Marks: 50

Instructions for the Paper Setters:
Eight questions of equal marks (Specified in the syllabus) are to be set, two in each of the four Sections (A-D). Questions may be subdivided into parts (not exceeding four). Candidates are required to attempt five questions, selecting at least one question from each Section. The fifth question may be attempted from any Section.

Section –A

1. Introduction to textile and its importance in fashion design.
2. Classification of textile fiber

Section -B

3. Textile fibers: properties & manufacture of
   (a) Natural: Cotton, Linen, Silk, Wool.
   (b) Man–made: Acetate, Nylon, Spandex

Section -C

4. Classification of yarns
   (a) Simple, (b) novelty, (c) bulk.

5. Fabric construction
   (a) Felting, (b) bonding, (c) weaving

Section -D

6. Traditional fabrics of different states of India.
   a) Kashmir-shawls
   b) Bengal-baluchar, jamdani
   c) UP -brocades
   d) Gujarat- patola
   e) Rajasthan-bandhani
   f) Andhra Pradesh-pocchampali / kalamkari
   g) Madhya Pradesh-Chanderi.

7. Visit to fashion house/Export house/Boutique/Textile industry is compulsory.
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–II)

PAPER-VI: WORKSHOP: SURFACE ORNAMENTATION (PROJECT) (Int.)

Practical: 2X2 Pds/Week  
Total Marks: 50

OBJECTIVES:

i) To enable the students to develop practical skills in needle craft and printing techniques.

ii) To enable the students learn methods of surface ornamentation of fabric using different techniques to produce value added products.

Practical: Students to develop one sample each for the following techniques.

1. Traditional Embroideries
   i) Phulkari,
   ii) Kantha
   iii) Kashmiri
   iv) Chikankari
   v) Kathiawar

2. Dyeing and Printing
   i) Tie & Dye
   ii) Batik
   iii) Block printing

3. Incorporate at least one technique in a garment
Post Graduate Diploma in Garment Construction & Fashion Designing (Semester–II)

PAPER-VII: CAD IN FASHION (PRACTICAL)

**Practical:** 2X2 Pds/Week  
**Total Marks:** 50  
**TIME OF PAPER:** 3hrs

**OBJECTIVES:**
To impart knowledge about:
  i) Corel draw and Photo paint.
  ii) CAD based application in fashion designing.

**Instruction for the Paper Setters:**
  i) One question will be set from each unit  
  ii) Each question will carry equal marks.

**UNIT- I**

**Corel Draw**
  Design ten sheets of female wear; working on different activities.  
  (casual, sporty, ethnic, western, executive, night, formal, gown.)

**UNIT- II**

**Photopaint**
  i) Study tools in detail.  
  ii) Draping simulation.