FACULTY OF SCIENCES

SYLLABUS

FOR

PG Diploma in Garment Construction & Fashion Designing

(Semester-I, II)

Examinations: 2020-21

KHALSA COLLEGE AMRITSAR (An Autonomous College)

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Scheme of Studies and Examination

SEMESTER-I

Subject	Theory	Practical	No. of Per Week	Duration of Paper	Th/Pr Marks	Internal Assessment	Total Marks
Pattern Making Paper-1	-	Pr	2x3	4 Hrs.	37	13	50
Fashion Illustration Paper-2	-	Pr	2x3	4 Hrs.	37	13	50
Garment Designing Paper-3	-	Pr	2x2	4 Hrs.	37	13	50
Garment Construction Paper-4	-	Pr	2x4	4 Hrs.	37	13	50
Fashion Concepts Paper-5	Th	-	6	3 Hrs	37	13	50
Workshop- Surface Ornamentation Paper6	-	Project (Int.)	2x2	-	37	13	50
CAD in Fashion Paper-7	-	Pr	2x2	3 Hrs.	37	13	50
Total Marks					259	91	350

SEMESTER-II

Subject	Theory	Practical	No. of Per Week	Duration of Paper	Th/Pr Marks	Internal Assessment	Total Marks
Pattern Making Paper-1	-	Pr	2x4	4 Hrs.	37	13	50
Fashion Illustration Paper-2	-	Pr	2x3	4 Hrs.	37	13	50
Garment Designing Paper-3	-	Pr	2x2	4 Hrs.	37	13	50
Garment Construction Paper-4	-	Pr	2x4	4 Hrs.	37	13	50
Fundamentals of Textiles Paper-5	Th	-	6	3 Hrs	37	13	50
Workshop- Surface Ornamentation Paper6	-	Project (Int.)	2x2	-	37	13	50
CAD in Fashion Paper-7	-	Pr	2x2	3 Hrs.	37	13	50
	Total Marks					91	350

PAPER: 1

PATTERN MAKING (Practical)

Practical: 2x3 Pds/ Week Total Marks: 50

Time: 4 Hrs Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

i) There will be two questions from section A and one from section B

- ii) Two question from section A carry equal 12 marks
- iii) One question from section B carry 13 marks

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, wing collar, mandarin

UNIT - II

4. Developing industrial paper pattern:

- i) A- Line Frock
- ii) Gathered Frock

PAPER: 2

FASHION ILLUSTRATION (Practical)

Practical: 2x3 Pds/ Week
Time: 4 Hrs
Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

- i) Three questions to be set.
- ii) Internal choice may be given
- iii) Two question carry equal 12 marks
- iv) One question carry 13 marks

OBJECTIVES:

To enable students to understand:

- i) Figure sketching.
- ii) Illustration techniques for various fashion details.

1. Color wheel

- i) Color schemes: Complementary, Analogous, Monochromatic, Triadic, Polychromatic, And Achromatic.
- ii) Intensity and Value chart.

2. Basic block figure of kid and female

- i) Fleshing of block figure.
- ii) Fashion figure in different poses (front, back, 3/4, 1/4, side)

3. Fashion details with croquies:

Gathers, Frills and Flounces, Tucks (pin, space, box, diagonal), Shirring, Smoking, Embroidery, Appliqué Work, Patch Work, Pleats.

- 1. Bernard P.Corbman, Textiles Fiber to Fabric, McGraw, Hill International Editions,(1993), Cataloging Publications.
- 2. Dorothy Siegert Lyle, Modern Textiles (1971) John Wiley and Sons Inc., New York, London, Sydney, Toronto.
- 3. Be an Artist in 10 Steps, Ian Sidaway, Patricia Seligman
- 4. Allen and Seaman, "Fashion Drawing- The Basic Principles" 1994, B.T. Batsford, London.

PAPER: 3

GARMENT DESIGNING (Practical)

Practical: 2x2 Pds/ Week
Time of Paper: 4 Hrs

Total Marks: 50
Practical: 37

Internal Assessment: 13

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 from section A.

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. By taking inspiration, create Story Board, Mood Board, Specification, Cost Sheets, Sourcing, Fabric Story, and Introduction
- i) A-line frock.
- ii) Formal wear.
- iii) Night wear.
 - 3. Prepare a scrapbook with Fashion news, designs & pictures.

- Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
- Measure, Cut and Sew, Holt Rinehart and Winson. 1922, McMillian Publishing Company.
- Bray N., Dress Pattern Designing, 2003 (5th edition) Willey Blackwell.
- Pattern Making for Fashion Design by Helen Joseph Armstrong, 2005, Prentice Hall.

PAPER: 4

GARMENT CONSTRUCTION (Practical)

Practical: 2x4 Pds/ Week
Time of Paper: 4 Hrs
Total Marks: 50
Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

- i) Question will set from section B 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
- iii. Kurta pocket
- iv. Welt pocket
- v. Mechanical pocket

E. Sleeves

- i. Plain
- ii. Puff
- iii. Petal
- iv. Magyar
- v. Saddle

F. Collars

- i. Peter pan
- ii. Cape collar
- iii. Sailor collar
- iv. Wing collar
- v. Mandarin collar

UNIT - II

Construction of following garments

A KIDS WEAR

- i. A-Line
- ii. Party wear
- iii. Night wear
- iv. Layette for infants.

UNIT - III

PRODUCTION SHOP

Each student will design and stitch two garments for kids by taking orders.

- 1. The Art of couture sewing by ZoyaNudelman.
- 2. The sewing Book ,Alison Smith
- 3. Sewing Techniques and Patterns, Marie nNaelle Bayard
- 4. Complete Guide to Sewing, Readers Bigest
- 5. The ultimate sewing book, Maggi McCormick Garden

PAPER: 5

FASHION CONCEPTS (THEORY)

Theory: 6 Pds/ Week Total Marks: 50

Time: 3 Hrs Theory: 37

Internal Assessment: 13

Instructions for the Paper Setters:

• Question paper will have five sections.

- There will be section-A compulsory for objective type questions. Eight questions are to be set in section-A covering all the sections. Students have to attempt any 6 questions, carrying equal 1 ½ marks.
- Examiner will set eight questions of 7 marks comprising two questions from each section, In B, C, D&E. Students are required to attempt one question from each section. Questions can have subparts.

UNIT -I

• Set objective type questions covering all the units.

UNIT -II

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

UNIT-III

- Origin of clothing.
- Theories of fashion adoption

UNIT-IV

- Fashion cycle& factors affecting it.
- Fashion forecasting.

UNIT -V

- Elements of design and principles related to clothing.
- Factors affecting clothing choices for different age groups.

- 1. James Laver; Andrew Tucker; Amy de la Haye "Costume and Fashion" (2009), ISBN: 0500203482
- 2. Valerie Steele (Editor), "The Berg Companion to Fashion" (2010), Ref GT511 .B474 2010
- 3. Debbie Ann Gioello; Beverly Berke, "Fashion Production Terms" (1994), Ref TT503 .G5

PAPER: 6

WORKSHOP: SURFACE ORNAMENTATION (PROJECT) (Int.)

Practical: 2x2 Pds/ Week Total Marks: 50

Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

There will be one question from SECTION - A (19 Marks) and one question from SECTION-B (18 marks)

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.

UNIT - I

1. NEEDLE CRAFT

- i) Basic 10 stitches.
- ii) Patchwork and Quilting
- iii) Appliqué
- iv) Smocking

UNIT - II

2. DYEING AND PRINTING

- i) Screen printing
- ii) Stencil printing
- iii) Fabric painting
- iv) Discharge printing
- v) Tie and dye

NOTE: The above to be incorporated in the garments.

References:

- 1. NaikShailaja, "Traditional Embroideries of India", APH Publishing Corporation, New Delhi, 1996.
- 2. Snook Barbara, "Creative Art of Embroidery", Numbley Pub. Group Ltd., London, 1972.
- 3. Mathew Anne, "Vogue Dictionary of Crochet Stitches", David and Charles, London 1989.
- 4. Anand M.R., "Textiles and Embroideries of India", Marg Publications, Bombay, 1965.

CAD IN FASHION (PRACTICAL)

Practical: 2X2 Pds/Week **Total Marks: 50** Time: 3hrs Practical: 37 **Internal Assessment: 13**

Instruction for the paper setter:

- i) Question paper will have one question from Section B
- 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, 3/4th).

- 1. Veisinet DD, "Computer Aided Drafting and Design Concept and Application', 1987.
- 2. Taylor P, "Computers in the Fashion Industry", Heinemann Pub., 1990.
- 3. Winfred Aldrich, "CAD in Clothing and Textiles", Blackwell Science 1994.

PAPER-1

PATTERN MAKING (Practical)

Practical: 2x4 Pds/ Week
Time for Paper: 4 Hrs
Total Marks: 50
Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

i) Use of basic slopers are allowed

ii) There will be one question from section A carry (10 marks) and three questions from section B&C carry equal (9 marks).

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, circular

2. Adaptation of the following sleeve:

- i) Set in -sleeves: Leg 'o' mutton, Lantern, Cowl, Dolman, Bishop.
- ii) Extended bodice: Kimono, Drop Shoulder.
- iii) Part bodice in -sleeve: Raglan, Saddle.

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) Salwaar Kameez
- ii) Trousers

Books Recommended:

Essential Readings:

- 1. Bernard Zamkoff and Jeanne Price, Creative Pattern Skills for Fashion Design (f.i.t. Collection), 1990, Publisher: Fairchild Books & Visual.
- 2. Helen Joseph Armstrong, Pattern making for Fashion Design, 2000, Dorling Kindersley (India) Pvt. Ltd. India.
- 3. Sandra Betzina, Fast Fit Easy Pattern Alterations for Every Figure, 2003 Taunton Pr.

Further Readings:

- 4. Gale Grigg Hazen, Fantastic Fit for Every Body, 1998, Published by Rodale Press
- 5. Pati Palmer and Marta Alto Palmer, Fit for real People, 1998., Pletsch Inc.,
- 6. Kathleen Maggio, Altered Clothing.
- 7. Pati Palmer and Susan Pletsch, Easy, Easier, Easiest Tailoring,; 2000., Published by Palmer/Pletsch Inc.,

PAPER: 2

FASHION ILLUSTRATION (Practical)

Practical: 2x3 Pds/ Week
Time for Paper: 4 Hrs
Total Marks: 50
Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTERS:

i) Three questions to be set.

- ii) There will be two questions carry equal (12 marks) and one question carry (13 marks).
- iii) 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. Fashion Figures:- Male/Female
- 2. Creating different fabric texture using different color medium and techniques: Denim, Nets, Chiffon, Velvet, Fur, Corduroy, Satin.
- 3. Illustration of figure with dresses:
 Casual wear, Sportswear, Beach wear, Night wear, Party wear, Bridal wear, Ethnic wear,
 Western wear.
- Designing jewellery for casual and formal wear.
 Accessories- Shoes, Bags, Purses, Belts, Hats.
 (3 sheets each)
 (3 sheets each)

PAPER: 3

GARMENT DESIGNING (Practical)

Practical: 2x2 Pds/ Week **Total Marks: 50** Time: 4 Hrs

Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

The source of inspiration will not be specified by paper setter. i)

ii) One question of design and layout will be set.

OBJECTIVES:

To impart knowledge about:

- i) Various fashion details and designing various outfits.
- Various illustration techniques. ii)
- Fashion design concepts. iii)

UNIT - I

- 1. Designing women wear by taking inspiration from various sources: Style read the design, suggest the suitable fabric and layout.
- Salwarkameez. i)
- Sari blouse. ii)
- iii) Ethnic wear
- iv) Western wear (formal)
- vi) **Trousers**
- Sports wear vii)
- 2. Prepare a scrapbook with Fashion news, designs & pictures.

- Singer Sewing Book, 1943, Mary Brooks Picken, Kessinger Publishing.
- Measure, Cut and Sew, Holt Rinehart and Winson. 1922, McMillian Publishing Company.
- Bray N., Dress Pattern Designing, 2003 (5th edition) Willey Blackwell.
- Pattern Making for Fashion Design by Helen Joseph Armstrong, 2005, Prentice Hall.

PAPER: 4

GARMENT CONSTRUCTION (Practical)

Practical: 2x4 Pds/ Week Total Marks: 50

Time of Paper: 4 Hrs Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

i) Question will set from section A 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.

- 1. The Art of couture sewing by ZoyaNudelman.
- 2. The sewing Book, Alison Smith
- 3. Sewing Techniques and Patterns, Marie nacelle Bayard
- 4. Complete Guide to Sewing, Readers Biggest
- 5. The ultimate sewing book, Maggi McCormick Garden

PAPER: 5

FUNDAMENTALS OF TEXTILE (THEORY)

Practical: 6Pds/ Week Total Marks: 50

Time of Paper: 3 Hrs Theory: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

• Question paper will have five sections.

- There will be section-A compulsory for objective type questions. Eight questions are to be set in section-A covering all the sections. Students have to attempt any 6 questions, carrying equal 1½ marks.
- Examiner will set eight questions of 7 marks comprising two questions from each section, In B, C, D&E. Students are required to attempt one question from each section. Questions can have subparts.

OBJECTIVES:

To impart knowledge about:

- i) Fiber, source of fibers, their definition & properties.
- ii) Fabric properties.

UNIT-I

• Set objective type questions covering all the units.

UNIT - II

- Introduction to textile and its importance in fashion design.
- Classification of textile fiber (Tabular form)

UNIT-III

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

UNIT-IV

- Classification of yarns
 - (a) Simple (b) Novelty (c) Bulk.

Fabric construction

(a) Felting, (b) Bonding, (c) Knotting, (d) Looping, (e) Weaving.

UNIT-V

- Traditional fabrics of different states of India.
- a) Kashmir-shawls
- b) Bengal-baluchar,jamdani
- c) UP -brocades
- d) Gujrat- patola
- e) Rajesthan-bandhani
- f) Andhra Pradesh-pocchampali/kalamkari
- g) Madhya Pradesh-Chanderi.
- ❖ Visit to fashion house/Export house/Boutique/Textile industry is compulsory.

Book References:

- 1. AditiRanjan "Handmade in India: A Geographic Encyclopedia of India Handicrafts"
- 2. RtaKapurChishti "Handcrafted Indian Textiles"
- 3. Sheila Paine "Embroidered Textiles: Traditional Patterns from Five Continents" 1995

Books Recommended:

- 1. Norman Hollen and Jane Saddler, "Textiles" Second Edition. (1949), The Macmillan Company, New York. Colliee- Macmillan, Limited London.
- 2. Bernard P.Corbman, Textiles Fiber to Fabric, McGraw, Hill International Editions, (1993), Cataloging Publications.
- 3. Isabel, B. Wingate Textile Fabrics and their Selection, (1976) Prentice- Hall Inc., Engle Wood Cliffs, N.J.
- 4. Katarine Paddock, Textile Fibres and their Use-Sixth edition, (1954) –Oxford & IBH Publishing Co., Calcutta, Bombay, New Delhi.
- 5. Dorothy Siegert Lyle, Modern Textiles (1971) John Wiley and Sons Inc., New York, London, Sydney, Toronto.
- 6. Kanwar Varinder Pal Singh, Introduction to Textile, Kalyani Publisher

PAPER: 6

WORKSHOP: SURFACE ORNAMENTATION (PROJECT) (Int.)

Practical: 2x2 Pds/ Week Total Marks: 50

Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

There will be one question from SECTION - A (19 Marks) and one question from SECTION- B (18 marks)

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.

UNIT -I

1. TRADITIONAL EMBROIDERIES

- i) Phulkari,
- ii) Kantha
- iii) Kashmiri
- iv Chikankari
- iv) Kathiawar
- v) Chamba Rumal
- vi) Kasuti

UNIT-II

2. DYEING AND PRINTING

- i) Tie & Dye
- ii) Batik
- iii) Block printing

3. Incorporate at least one technique in a garment

- 1. AditiRanjan "Handmade in India: A Geographic Encyclopedia of India Handicrafts"
- 2. RtaKapurChishti "Handcrafted Indian Textiles"
- 3. Sheila Paine "Embroidered Textiles: Traditional Patterns from Five Continents" 1995

PAPER: 7

CAD IN FASHION (PRACTICAL)

Practical: 2x2 Pds/ Week Total Marks: 50

Time: 3 Hrs Practical: 37

Internal Assessment: 13

INSTRUCTION FOR THE PAPER SETTER:

i) One question will be set from each unit

ii) There will be one question from SECTION A (19 Marks) and one question from SECTION B (18 marks)

OBJECTIVES:

To impart knowledge about:

- i) Corel draw and Photo paint.
- ii) CAD based application in fashion designing.

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.