FACULTY OF SCIENCE

SYLLABI

FOR

B.Sc. FASHION DESIGNING
(3rd to 6th SEMESTER)

Session 2019-20, 2020-21 & 2021-22
### B.Sc. (Fashion Designing), 2019-20
#### Semester-III

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1. FASHION ILLUSTRATION ON COMPUTER  Practical
2. GARMENT DESIGN-III  Practical
3. TRADITIONAL TEXTILES  Theory and Practical
4. GARMENT CONSTRUCTION-III  Practical
5. PATTERN MAKING-I  Theory and Practical
6. FABRIC CONSTRUCTION-I  Theory and Practical
7. FASHION CONCEPTS-I  Theory
PRACTICAL
OBJECTIVES:
• To acquaint students with knowledge of CAD based application in fashion designing.

Instructions for the paper setter:
1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 4pds/week  Total Marks: 75
Time: 3hrs.        Exam: 60
                Int. Ass.: 15

1. Croqui drawing
2. Designing of casual and formal women wear incorporating the following fashion details
   • Collar- Peter pan, Cape, Mandarin, Shawl and Shirt Collar.
   • Sleeve- Puff, Raglan, Kimono, Leg-o-mutton, and Bell.
   • Skirts- A-line, gathered, gored, pegged, circular, tiered and skirt with yokes.
   • Trousers with pockets

Recommended readings:
• Corel Draw X4 in simple steps- Dream tech press.
• Saxsena, S. A First course in Computers. Vikas Publishing House Pvt Ltd.
• User Guide for the Softwares (coral draw and Photoshop).
Semester-III
GARMENT DESIGN-III

PRACTICAL

OBJECTIVES:
To enable students to understand:

- Designing of adult garments
- Style interpretation and material estimation of different garments

Instructions for the paper setter:

1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 4pds/week  Total Marks:  75
Time: 3hrs.     Exam:         60
                Int. Ass:     15

1. Design & style read; suggest fabrics & notions; plan the layout & estimate the fabric for the following adult garments.

- Western wear
  - Casual (skirt, top, denims, jump suits)
  - Formal (trouser, jacket, one piece dress)
- Indian wear
  - Casual
  - Formal
- Sports wear
- Night wear

Recommended readings:

- Seaman J. and Allen A., “Fashion Drawing”, Om Books Internationals (Bats ford Ltd.).
- “Pattern Designs for Haute Couture”, Wongswang Press Co. Ltd.
- Foster W., “How to draw and Paint Fashion”, Walter Foster Publishing’s, California.
- Bou Clair, “Simplicity”.
Design books- Trousseau collection, hurley’s, The Bombay Catalogue, Moda, Ruupam, Venus, Khushboo trend setter.


**Semester-III**

**TRADITIONAL TEXTILES**

**THEORY**

**OBJECTIVES:**
- To impart knowledge of traditional textiles.
- To impart knowledge of different fabrics, stitches, motifs and colours used in traditional embroideries.

**Instructions for the paper setter:**
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory, carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8 x 5 = 40)

**Credit:** 3pds/week  
**Time:** 3hrs.  
**Exam:** 40  
**Int. Ass.:** 10  
**Total Marks:** 50

**UNIT-I**

1. Resist dyed textiles-
   - Bandhani of Gujarat and Rajasthan
   - Patola of Gujarat
   - Ikat of Orissa
   - Pochampalli of Andhra Pradesh

**UNIT-II**

2. Printed Textiles of Rajasthan- Sanganeri textiles, Bagru and Ajrakh
3. Painted textiles- Kalamkari
4. Batik

**UNIT- III**
5. Kashmir shawls
6. Kashmir carpets, Namda, Gaba

UNIT-IV

7. Traditional Woven Textiles
   - Brocade
   - Jamdani
   - Baluchari
   - Chanderi
   - Maheshwari
   - Kanjivaram

Recommended Readings:-
   - Lynton Linda, “The Sari”, Thames and Hudson

Semester-III
TRADITIONAL TEXTILES

PRACTICAL
OBJECTIVES:
To enable students to understand:
   - Traditional /Regional Crafts and Textiles.
   - Care & storage techniques of Traditional Textiles and Costumes exhibited in various museums.

Instructions for the paper setter:
   1. Practical paper will be of 3 hours duration
   2. Question paper should cover all the topics
   3. Internal choice may be given in all questions

Credit: 2hrs/week                      Total Marks : 50
Time: 3hrs.                             Paper : 40
1. Identification of various Traditional Textiles.
2. Collection of swatches/photographs to study the motifs, designs and colours of the Traditional Textiles
3. Craft documentation
   - Study of any traditional/regional craft
   - Report writing
4. Visit to museum to acquaint the students with different techniques of care & storage of Traditional Textiles and costumes of India.

**Note:** No question paper shall be set. Presentation of the craft documentation will be evaluated by an external examiner.

**Recommended Readings:**
- Lynton Linda, “The Sari”, Thames and Hudson

**Semester-III**
**GARMENT CONSTRUCTION-III**

**PRACTICAL OBJECTIVES:**
To acquire construction skills for children’s garments.

**Instructions for paper setters**
There will be only one question including drafting (15 marks), cutting (10 marks) and construction & finishing (35 marks) of any one garment.

Credit: 4pds/week Total Marks: 75
1. Construction of following Sleeve samples developed in Pattern Making  
Puff, Bell, Cap, Kimono, Reglan, Magyar, Leg-o-mutton, Petal
2. Construction of following Collar samples developed in Pattern Making  
Peter Pan, Baby, Sailor, Cape, Mandarin, Shawl, Polo neck, Convertible

**Project:** Yoked frock with sleeve and collar

**Recommended readings:**
- Readers digest sewing Book
- Armstrong Helen Joseph, “Pattern making for fashion designing”.
- Mullick Prem Lata, “Garment construction Skills”.

**Semester-III**  
PATTERN MAKING-I

**THEORY**

**OBJECTIVES:**
- To impart knowledge of different aspects of Pattern Making.

**Instructions for paper setters**
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

**UNIT-I**

1. Terminology used in Pattern making: Pattern drafting, flat pattern making, template, working pattern, production pattern, design specification sheet, pattern chart, cost-sheet, grain, dart, dart legs, dart intake, trueing and blending, symmetric and asymmetric lines, style number, pattern size. Pivotal point and pattern manipulation, style reading pattern making tools.
UNIT-II

2. Anthropometric measurements
   - Locating landmarks and its importance
   - Taking body measurements and their grouping for different garments
   - Precautions to be taken during body measurements

UNIT-III

3. Methods of Pattern Development
   - Flat Pattern Method
   - Drafting
   - Methods of dart manipulation- Slash and Spread, Pivot Method
   - Draping
   - Merits and demerits of drafting and draping

UNIT-IV

4. Fitting problems and remedies related to bodice
   - Bust- High Bust, Low Bust, Large Bust, small bust
   - Shoulders- Narrow Shoulder, Broad Shoulder, Square Shoulder, Sloping Shoulder, Round Shoulder

5. Fitting problems and remedies related to
   - Sleeve –large upper arm, narrow sleeve
   - Skirt-large and small derriere, large and small hips, sway back

Semester-III
PATTERN MAKING- I

PRACTICAL
OBJECTIVE:
   - To teach different aspects of pattern making.

Instructions for paper setters
Question paper should cover the entire syllabus.

Credit: 4pds/week                               Total Marks: 75
Time: 3hrs.                                    Exam: 60
                                               Int. Ass.: 15
1) Drafting of child’s bodice block and sleeve block.

2) Drafting and adaptation of the following:

**Sleeves:**
- Puff
- Bell
- Cap
- Kimono
- Reglan
- Magyar
- Leg-o-mutton
- Petal

**Collars:**
- Peter Pan
- Baby
- Cape
- Mandarin
- Shawl
- Sailor
- Polo neck
- Convertible

**Recommended readings:**
- Armstrong Joseph Helen, “Pattern Making for Fashion Design”.

 Semester-III  
FABRIC CONSTRUCTION I

**THEORY**

**OBJECTIVES:**
- To impart knowledge of fabric manufacture and fabric properties.
- To enable students to understand fabric structures and to analyse them.

**Instructions for paper setters**
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions.

Credit: 3pds/week  
Time: 3hrs.  
Total Marks: 50
Exam: 40  
Int. Ass. : 10
UNIT-I

2. Basic loom-
   - Parts of a simple loom and its functions
   - Basic motions of weaving

UNIT-II

3. Different types of loom
   - Shuttle loom
   - Shuttleless loom (rapier, gripper, multiphase, air jet, water jet)
   - Difference between Shuttle and shuttle less loom.

UNIT-III

4. Preparation of yarns for weaving
5. Different types of warping- Sectional warping and Peg warping
6. Weaving
   - Classification of weaves
   - Basic weaves – plain, twill, satin

UNIT-IV

7. Novelty weaves- pile, lappet, leno, swivel, jacquard, dobbý
8. Woven fabric defects- float, gout, lashing in, missing ends, selvedge defects

Recommended readings:


SEMESTER-III

FABRIC CONSTRUCTION-I

PRACTICAL

OBJECTIVES:
   - To understand different weaves.

Instructions for paper setters
   Question paper should cover the entire syllabus
1. Graphical representation of Basic weaves using drafting & lifting plan and making samples of the following:
   - Plain weave- Rib & Basket
   - Twill weave- warp faced, filling faced, right hand twill, left hand twill.
   - Satin & Sateen weaves
2. Identification of weaves.

**Project work:**
- Collection of samples of different weaves
- Preparation of an article using any weave

**NOTE - Visit to Textile Industry**

**Recommended Readings:**

**Semester-III**

**FASHION CONCEPT -I**

**THEORY**

**OBJECTIVES:**
- To create awareness about clothing culture.
- To Impact knowledge of clothing communication and fashion expression.

**Instructions for paper setters**
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.

1. Fashion Terminology
UNIT-II
2. Elements of Design in general and special reference to clothing
   - Line
   - Colour
   - Texture
   - Shape/Form

UNIT-III
3. Principles of Design in general and special reference to clothing
   - Protection
   - Balance
   - Rhythm
   - Emphasis
   - Harmony

UNIT-IV
4. Characteristics of Fashion
5. Factor affecting Fashion Moment

SECTION- B
Sessional work- Sessional work will be based on above mentioned topics

Recommended readings:
- Kathryn Mikelvey, “Fashion sources book”, Blackwed science, UK
- Carter L, “The changing World of Fashion,” G.P. Panama’s Sons, NY
- Second skin, “Horn MJ, 1981,
- Study of clothing, “Houghm Mifflin Company, Bosien
- Kafgen Mary, Individuality in clothing, Houghton Mifflin Company
- Dynamics of fashion by Elaine stone

**B.Sc. (Fashion Designing), 2019-20**

**Semester-IV**

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1. FASHION ILLUSTRATION Practical
2. HISTORY OF INDIAN COSTUMES Theory
3. TRADITIONAL EMBROIDERIES Theory and Practical
4. FABRIC CONSTRUCTION-II Theory and Practical
5. GARMENT CONSTRUCTION-IV Practical
6. PATTERN MAKING-II Practical
Semester-IV
FASHION ILLUSTRATION

PRACTICAL
OBJECTIVES:
To enable students to understand
- Knowledge of figure sketching and fleshing
- Rendering of textures
- Sketching and illustration of Hand bags and Foot wears.

Credit: 4pds/week  
M. Marks : 75
Paper: 3hrs.  
Paper : 60
Int. Ass.: 15

Instructions for the paper setter:
1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

1. Drawing of croqui and fleshing of figure.
   - Eight, ten and twelve headed figure – front, side and ¾th profile
   - Drawing of hands, legs, feet and arms
   - Facial proportions- eyes, nose, lips and ears
   - Drawing of hair/ hairstyles

2. Rendering of following textures by using different colour mediums and techniques-
   - Chiffon
   - Chikan
   - Corduroy
   - Denim
   - Fur
   - Net
   - Satin
   - Velvet

3. Sketch and illustrate following accessories:
Recommended Readings:

- “Pattern Designs for Haute Couture”, Wongswang Press Co. Ltd.

Semester-IV
HISTORY OF INDIAN COSTUMES

THEORY

OBJECTIVES:

- To acquaint the students with different types of Ancient Indian costumes.

Instructions for paper setters

1. There will be total nine questions carrying equal marks
2. Two questions will be set from each unit and one compulsory question carrying short answer type questions from the whole syllabus
3. Five questions will be attempted in all, selecting one question from each section and the compulsory question.

Credit: 4pds/week        Total Marks:  50
Time: 3hrs.        Exam:  40
Int. Ass.:  10
Study of Indian costumes including male and female dresses, ornaments, headgear, hairstyles and footwear worn during following periods

UNIT-I

- Indus Valley Period
- Evolution of costumes from Vedic period to Gupta period.

UNIT-II

- Mughal Period
- British Period

Study of traditional costumes including male and female dresses, ornaments, headgear and footwear of the following states

UNIT-III

- Jammu & Kashmir
- Himachal Pradesh
- Punjab & Haryana
- Rajasthan

UNIT-IV

- Assam
- West Bengal
- Gujarat
- Maharashtra

NOTE: - Screening of period and regional Film
       - Visit to museums

Recommended readings:
Semester-IV
TRADITIONAL EMBROIDERIES

THEORY
OBJECTIVES:
1. To impart knowledge of various motifs, colours and designs used in Traditional embroideries of India.
2. To impart knowledge of stitches and techniques used in traditional embroideries of India.

Instructions for paper setters:
1. There will be total nine questions carrying equal marks
2. Two questions will be set from each unit and one compulsory question carrying short answer type questions from the whole syllabus
3. Five questions will be attempted in all, selecting one question from each section and the compulsory question.

Credit: 3pds/week
Total Marks : 50
Time: 3hrs.
Paper : 40
Int. Ass.: 10

(To study the following traditional embroideries of India with special reference to history, fabrics, motifs, colours, threads and stitches used)

UNIT- I
1. Phulkari of Punjab
2. Chamba Rumal of Himachal Pradesh

UNIT- II
3. Kashida of Kashmir
4. Chikankari of Uttar Pradesh
UNIT- III

5. Kutch Embroidery of Gujarat
6. Sindhi and Kathiawar Embroidery
7. Manipuri Embroidery

UNIT- IV

8. Kantha of Bengal
9. Kasuti of Karnataka

Recommended Readings:

Semester-IV

TRADITIONAL EMBROIDERIES

PRACTICAL

OBJECTIVES:
- To acquaint the students with the different fabrics, stitches, motifs and colours used in traditional embroideries.

Instructions for the paper setter:
1. Practical paper will be of 3 hours duration
2. Question paper should cover all the topics
3. Internal choice may be given in all questions

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam: 60
Int. Ass.: 15

1. Making of Samples of the following traditional embroideries
   a) Kantha of Bengal
   b) Kasuti of Karnataka
   c) Phulkari of Punjab
   d) Chikankari of Uttar Pradesh
   e) Kutch Embroidery of Gujarat
   f) Sindhi Embroidery

Recommended readings:
5. The Big Book of Needle Craft by Obhmas.
12. Mistry, Nirmala C.,”Embroidery designs”, Navneet Publications Ltd

Semester-IV
FABRIC CONSTRUCTION-II

THEORY

OBJECTIVES:
- To impart knowledge of fabric manufacture and fabric properties.
- To enable students to understand fabric structures and to analysis them.

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions.

Credit: 3pds/week  Total Marks:  50
Time: 3hrs.          Exam:  40
                   Int. Ass. :  10

UNIT-I

1. Knitting –
   - Terminology – Wales, course, single knit, double knit, gauge, stitch density, stitch length, loop.
   - Types of knitting- warp knitting & weft knitting
   - Properties of knitted fabric
   - Difference between Knits and woven.

UNIT-II

2. Knitting machines- flat bed & circular
3. Different types of knitting machine needles and their working
4. Knitted fabric defects

UNIT-III

5. Non woven methods of fabric construction: process, properties and end-uses
   - Felting
   - Bonding
   - Needle Punching

UNIT-IV

6. Methods of decorative fabric construction
   - Lace making
   - Netting
   - Braiding
   - Knotting

Recommended readings:
- Brackenbury Terry, “Knitting Clothing Technology” Black well Science, UK
- Spencer David J, “Knitting Technology” Pergeman Press, UK.
- Prof. Ajgaonkar D.V, ”Knitting Technology” University Publishing Co. Mumbai

Semester-IV
FABRIC CONSTRUCTION-II

PRACTICAL

OBJECTIVES:
- To acquire skills for various fabric construction techniques.

Credit: 2pds/week        Total Marks:  50
Time: 3hrs.         Exam:   40
                   Int. Ass.:   10

Instructions for paper setters
Question paper should cover the entire syllabus
1. Making of samples of different knots using Macramé.
2. Making of samples of Crochet.
3. Making samples of Narrow fabrics by Brading and Traditional Tape weaving (Naala making)
Project work: Make an article using any technique.

Recommended Readings:

Semester-IV
GARMENT CONSTRUCTION-IV

PRACTICAL OBJECTIVES:
- To acquire construction skills for basic garments for children.

Instructions for paper setters
- There will be only one question including drafting (15 marks) cutting (10 marks) and construction & finishing (35 marks) of any one garment.

Time: 4pds/week
Time: 3hrs
Exam: 60
Int. Ass.: 15

1. Drafting and construction of:
   - Jhabla
   - Panty
   - Bloomer
   - Romper
   - Night suit

Recommended readings:
- Thomas Anna Jacob, “The Art of Sewing” UBS Publishers Distributions Ltd, New Delhi, 1994
- Readers Digest-Sewing Book
- Armstrong Helen Joseph, “Pattern making for Fashion Designing”.

Semester-IV
PATTERN MAKING-II

PRACTICAL OBJECTIVES:
- To teach different aspects of Pattern making.
Instructions for Paper setters

- Question paper should cover the entire syllabus and project work will not be included in the examination.

Credit: 4pds/week                     Total Marks:  75
Time: 3hrs.                                   Exam:  60
                                 Int. Ass.:  15

1) Drafting of adult bodice block and sleeve block.
2) Preparation of muslin pattern and test fit.
3) Dart manipulation (Slash Spread Techniques, Pivotal)
   - Single Dart
   - Two Dart
4) Stylelines
   - Classic Princess styleline
   - Armhole Princess

Project: Blouse with princess seam line.

Recommended readings:
- Armstrong Joseph Helen, “Pattern Making for Fashion Design”.
- Complete Guide to Sewing “, Reader Digest.

Semester-IV
FASHION CONCEPTS-II

THEORY

OBJECTIVES:
- To create awareness about clothing culture.
- To Impact knowledge of clothing communication and fashion expression.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.

Credit: 3pds/week                     Total Marks:  50
Time: 3hrs.                                   Exam:  40
                                 Int. Ass.:  10
SECTION-A

UNIT-I

1. Brief explanation of the following:
   a) Fashion Trends
   b) Designer
   c) Boutiques
   d) Silhouette
   e) Croquie
   f) Exhibition
   g) Fashion show
   h) Ensemble
   i) Label

UNIT-II

2. Theories of fashion
   a) Trickle down theory
   b) Trickle across theory
   c) Bottom up theory

3. Source of inspiration

UNIT-III

4. Fashion supplies:
   a) Primary supplies
   b) Secondary supplies

5. Concepts of design process

UNIT-IV

6. Fashion forecast
7. Fashion leaders

SECTION- B

Sessional work- Sessional work will be based on above mentioned topics

Recommended readings:

- Kathryn Mikelvey, “Fashion sources book”, Blackwed science, UK
- Carter L, “The changing World of Fashion,” G.P. Panama’s Sons, NY
- Study of clothing, “Houghm Mifflin Company, Bosien
- Kafgen Mary, Individuality in clothing, Houghton Mifflin Company
- Dynamics of fashion by Elaine stone
Semester-IV
KNITTING

OBJECTIVES
1. To enable students to develop practical skills of knitting.

Credit: 2pds/week        Total Marks:  50
Time: 3hrs.         Exam:     40
Int. Ass. :          10

Instructions for Paper setters
Question paper should cover the entire syllabus

2. Knitting Abbreviations
3. Tools & material
4. Preparation of hand knitting samples
   • Basic Stitches- Rib, Moss, Garter & Single Jersey
   • Texture
   • Laces
   • Cables
   • Fair-isle
   • Preparation of machine knitting samples(Flat –bed machine)
     • Rib (1x1, 1x2)
     • Tuck

Project work: To make Baby Set by knitting

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</table>

1. PATTERN AND MARKER MAKING ON COMPUTER-I Practical
2. PATTERN MAKING-III Practical
3. LINE DEVELOPMENT AND PORTFOLIO-I Practical
4. HISTORY OF WORLD COSTUMES Theory
5. GARMENT CONSTRUCTION-V Practical
6. APPAREL MANUFACTURING TECHNOLOGY-I Theory
7. TEXTILE DYEING Theory and Practical
8. INTERNSHIP Practical
Semester-V
PATTERN AND MARKER MAKING ON COMPUTER-I

PRACTICAL
OBJECTIVES:
- To apply the knowledge of pattern making software for making patterns and grading.
- To make students acquire skill in computer aided pattern making.

Instructions for paper setters
1. There will be two questions in all each carrying 30 marks.
2. Each question can be sub-divided into parts according to the paper setters.

Credit: 4pds/week  Total Marks: 75
Time: 3hrs.
Exam: 60
Int. Ass: 15

1. Introduction to Pattern making software and familiarization with its tools namely toolkit, dart, pleat, segment, piece, seam, standard, rotate, internal, walk, view, point, fabric and stripes.

2. Develop basic block patterns of the following using the tools of Lectra/ Tuka CAD/ Optitex/ Gerber/ Rich peace or any other software for Pattern Making:
   - Child bodice-block
   - Sleeve block
   - Basic Skirt
   - Basic Trouser

3. Grading up to four sizes.

4. Making summary report and pattern card of all the patterns.

5. Practice exercise

Recommended readings:
- Tuka Cad User Manual

Semester-V
PATTERN MAKING-III

PRACTICAL
OBJECTIVES:-
- To impart pattern and development skills to the students

Instructions for paper setters
1. There will be two questions in all each carrying 30 marks.
2. Each question can be sub-divided into parts according to the paper setters.
1. Drafting of basic skirt block
2. Adaptation of basic skirt to the following skirt:-
   - A-line
   - Full circular
   - Flared
   - Gored
   - Yoke
   - Tier
   - Peplum
   - Pleated
3. Preparation of sample of basic skirt
4. Grading of the following:-
   - Basic bodice & Sleeve block
   - Basic skirt

Recommended readings:
- Armstrong Joseph Helen, “Pattern Making for Fashion Design”.

SEMMER-V
LINE DEVELOPMENT & PORTFOLIO-I

PRACTICAL
OBJECTIVE:
- To enable the students to apply the principles and knowledge of garment design development to create a collection
- To understand the meaning and importance of making a good portfolio
- Identify, organize, and gather documentation to build portfolios

Credit: 6pds/week

Line Development
1. Study of fashion forecast
2. Conceptualization of theme, mood board, designing and illustration, style reading, fabric sourcing, pattern development, spec sheet, construction.
3. Presentation of the theme and the sourcing.

Portfolio development
4. Introduction to Portfolio development
   a) Purpose of a portfolio
   b) Module Design.

Note:
1. There will be no exam.
2. The marks will be awarded by the external examiner on the basis of presentation only.

Recommended readings:
- Elizabeth Drudi, “Figure Drawing for Fashion Design”, The Pepin Press.
- Fashion Magazines : Vogue, Marie Claire,
- Fashion Catalogues
- Images Business
- Internet; Dot Coms; CDs on fashion shows

Semester-V
HISTORY OF WORLD COSTUMES

THEORY
OBJECTIVES:
- To acquaint the students with different types of World Costumes.

Credit: 4pds/week                      Total Marks: 50
Time: 3hrs                             Exam: 40
                                            Int. Ass.: 10

Instructions for paper setters
1. There will be total nine questions carrying equal marks
2. Two questions will be set from each unit and one compulsory question carrying short answer type questions from the whole syllabus
3. Five questions will be attempted in all, selecting one question from each section and the compulsory question.

Study of World Costumes including male and female dresses, hairstyles, headgear, ornaments, accessories, significant motifs and textiles used in the following civilizations.
UNIT-I

- Egypt
- Greek

UNIT-II

- Rome
- Byzantine

UNIT-III

- French
  - Middle ages
  - Renaissance Period

UNIT-IV

- French Revolution
- Romantic Period

NOTE:
- Screening of period Film
- Visit to museums

Recommended Readings

- Parey, L. The Victoria and Albert Museum’s Textile Collection British Textiles from 1850 to 1900. V and A Publications.
Semester-V
GARMENT CONSTRUCTION-V

PRACTICAL
OBJECTIVES:
- To acquire construction skills for basic garments.

Instructions for paper setters
1. There will be only one question including drafting (15 marks) cutting (10 marks) and construction & finishing (35 marks) of any one garment.

Credit: 4pds/week Total Marks: 75
Time: 3hrs. Exam: 60
Int. Ass.: 15

1. Construction of Blouse from the test fit.
2. Drafting, adaptation and construction of:
   - Petticot
   - Nighty
   - Salwaar & Kameez

Recommended readings:
- Thomas Anna Jacob, “The Art of Sewing” UBS Publishers Distributions Ltd, New Delhi, 1994
- Readers Digest-Sewing Book.
- Armstrong Helen Joseph, “Pattern making for Fashion Designing”.

Semester-V
APPAREL MANUFACTURING TECHNOLOGY

THEORY
OBJECTIVES:
To impart quality consciousness and awareness of quality parameters required for apparel quality products.

Instructions for paper setters
1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

Credit: 3pds/week Total Marks: 50
Time: 3hrs. Exam: 40
Int. Ass.: 10
UNIT-I
1. Brief study of various departments of apparel manufacturing unit:-
   - Design
   - Sourcing
   - Preproduction
   - Production
   - Distribution

UNIT-II
2. Introduction to Quality Control
   - Importance of Quality Assurance
   - Stages of Quality Control (Design to Dispatch)

UNIT-III
3. Garment Finishing and Inspection
   - Concept of Inspection
   - Types of Inspection
     i) Raw - material Inspection
     ii) In-process Inspection
     iii) Final Inspection

UNIT-IV
4. Packaging
   - Concept and Importance
   - Types of Packaging
   - Materials used in Packaging
5. Labelling
   - Concept and Importance
   - Types of Labelling
   - Care labels and Ecolabelling (Concept and Importance)
   - Care labeling Systems

Visit to an apparel manufacturing unit.

Recommended readings:
- Ruth EC, “Apparel manufacturing and Sewn product analysis”.
- Chuttler AJ, “Introduction to clothing production Management’, Blackwell science, U.K.,
THEORY

OBJECTIVES:
- To acquaint students with different types of dyeing and methods of dyeing.

Instructions for paper setters
1. There will be total nine questions carrying equal marks, two questions from each unit and one compulsory question and students will have to attempt five questions in all.
2. Question No. 1 will be compulsory carrying comprising short answers from all the units, fill in the blanks or true/false.
3. Each question will carry eight marks

Credit: 3pds/week  Total Marks: 50
Time: 3hrs.  Exam: 40
Int. Ass.: 10

UNIT-I
1. Introduction to Dyes
2. Difference between Dyes and Pigments
3. Classification of Dyes
   a) Natural Dyes: Vegetable, Animal and Mineral Dyes
   b) Synthetic Dyes: Acid, Basic, Direct, Vat, Sulphur, Reactive and Disperse Dyes

UNIT-II
5. Stages of Dyeing
   Solution, Fiber, Yarn, Piece or Fabric and Product Dyeing

UNIT-III
6. Methods of Dyeing
   Batch Dyeing and Combination Dyeing (Cross and Union)
7. Dyeing Auxillaries

UNIT-IV
8. Colour Fastness
   Fastness to Washing, Ironing, Perspiration, Crocking and Sunlight
9. Dyeing Defects
   Bleeding, Crocking, Migration, Fume Fading, Tendering, Frosting and Off Shade

Recommended readings:
Semester-V
TEXTILE DYEING

PRACTICAL
OBJECTIVES:
- To enable students to develop practical skills of dyeing evaluation of fabric through colour fastness

Instructions for Paper Setters:
There will be three questions in all covering entire syllabus.

Credit: 2pds/week                            Total Marks: 50
Time: 3hrs.                                    Exam: 40
                                              Int. Ass.: 10

1. Dyeing of Cotton with the following dyes
   - Direct dyes
   - Reactive dyes
2. Dyeing of Silk and Wool with the following dyes
   - Acid
   - Basic
3. Resist Dyeing of Fabric
   - Tie and dye
   - Batik
4. To Test the Colour Fastness of the fabric :
   - Fastness to Washing
   - Fastness to Ironing
   - Fastness to Perspiration
   - Fastness to Crocking
   - Fastness to Sunlight

Recommended readings:
### B.Sc. (Fashion Designing), 2018-19
#### Semester-VI

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Subject</th>
<th>Credit Hours</th>
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1. PATTERN AND MARKER MAKING ON COMPUTER-II  Practical
2. MARKETING AND MERCHANDISING  Theory and Practical
3. PATTERN MAKING-IV  Practical
4. LINE DEVELOPMENT AND PORTFOLIO-II  Practical
5. GARMENT CONSTRUCTION-VI  Practical
6. ENTREPRENEURSHIP DEVELOPMENT  Theory
7. ENTREPRENEURSHIP DEVELOPMENT  Theory
8. SEMINAR  Practical
Semester-VI
PATTERN AND MARKER MAKING ON COMPUTER-II

PRACTICAL
OBJECTIVES:
- To apply the knowledge of pattern making software for making patterns and grading.

Instructions for paper setters
1. There will be two questions in all each carrying 30 marks.
2. Each question can be sub-divided into parts according to the paper setters.

Credit: 4pds/week
Time: 3hrs.

Total Marks: 75
Exam: 60
Int. Ass: 15

1. Develop patterns of the following garments using the tools of Lectra/ Tuka CAD/ Optitex/Gerber/Rich peace or any other software for Pattern Making:
   - Adult Bodice Block with sleeve
   - Shirt
   - Princess line one piece dress

2. Dart Manipulation using basic adult basic block
   - Single dart
   - Multiple dart
   - Princess line
   - Control dart

3. Introduction to marker making software and familiarization with its tools namely auto mark, marker, piece, placement, match, rotate, group, standard and tool menu.

4. Marker layout of all the patterns with summary report.

5. Practice exercises

Recommended readings:
Semester-VI
MARKETING AND MERCHANDISING

THEORY

OBJECTIVES:

- To acquaint students with knowledge of marketing and its environment
- To make them understand the importance of fashion forecasting.

Instructions for paper setters

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions.
3. Each question will carry eight marks (8X5=40)

Credit: 3pds/week
Time: 3hrs

Total marks: 50
Exam: 40
Int. Ass.: 10

UNIT-I

1. Terminology- market, marketing, niche, target customer, vendor, supplier, franchise, market research, marketing-mix, mark-up, mark-down.

2. Fashion Marketing
   - Size and Structure
   - Ethical issues in fashion marketing
   - Market segmentation
   - Marketing environment
     - Macro: Supplier, Marketing intermediates, Customers, Competitions
     - Micro :Demographic, Natural, Political

UNIT-II

3. Fashion promotion –
   - Advertising
   - Publicity
   - Personal selling
   - Visual Merchandising

UNIT-III

4. Fashion Merchandising-
   - Characteristics of merchandiser
   - Role and Responsibilities of merchandiser
   - Steps in Fashion Merchandising
     - Planning
     - Buying/Procuring
Promoting/Selling

UNIT-IV

5. Fashion Retailing –
   - Retail formats
     - On-Site fashion retailers- Departmental stores, Speciality stores, Chain store and Franchise retail stores.
     - Off- Site fashion retailers- E-tailing, Catalogues, and Home Shopping.

Recommended readings:

Semester-VI
MARKETING AND MERCHANDISING

PRACTICAL
PROJECT (Not exam based)

OBJECTIVES:
- To acquire knowledge about various brands of apparel and accessories
- To gain knowledge about various display materials and installations and different kind of storage displays

Credit: 2pds/week Total Marks: 50
Int. Ass.: 50
1. Survey on famous brands available in market for men, women and children.
2. To study various display materials.
3. Survey of various retail stores for-
   - Window displays
   - Interior store displays
4. To design different layouts for-
   - Window displays
   - Interior store displays
5. Thematic window display

**Note:** The assessment of the project will be done internally.

**Recommended readings:**

**Semester-VI**

**PATTERN MAKING-IV**

**PRACTICAL**

**OBJECTIVES:**
- To impart draping and grading skills to the students

**Instructions for paper setters**
1. There will be two questions in all each carrying 30 marks.
2. Each question can be sub-divided into parts according to the paper setters.

Credit: 4pds/week  
Total Marks: 75
1. Draping of the following:-
   - Front and Back basic bodice block
   - Top with Princess line
   - Basic skirt front & Back
   - Skirt with flare

Recommended readings:

Semester-VI
LINE DEVELOPMENT & PORTFOLIO-II

PRACTICAL
OBJECTIVES:
To enable the students:
- To enable students to show case the collection.
- To understand the meaning and importance of making a good portfolio.
- Identify and reflect on areas of their own learning from both formal and informal settings
- Identify, organize, and gather documentation to build portfolios

Time: 4pds/week

Total Marks: 100
Int. Ass.: 50
Ext Ass.: 50

Line Development
1. Show casing the collection.

Portfolio development
1. Selection of information for documentation
2. Categorization of documentation
3. Portfolio making by using appropriate techniques
4. Development of E Portfolio
5. Presentation of the Portfolio
6. Resume writing

Note:
- Students will present their collection on their models in the Fashion Show.
• There will be no exam.
• Presentation of dresses and the portfolio will be evaluated by the external examiner.

Recommended readings:-
• Elizabeth Drudi, “Figure Drawing for Fashion Design”, The Pepin Press.
• Beasley Alison, “Computer Aided Pattern Design and product

Semester-VI
GARMENT CONSTRUCTION-VI

OBJECTIVES:
• To acquire construction skills for basic garments.

Instructions for paper setters
1. There will be only one question including drafting (15 marks) cutting (10 marks) and construction & finishing (35 marks) of any one garment.

Credit: 4pds/week
Total Marks: 75
Time: 3hrs
Exam: 60
Int. Ass.: 15

1. Construction of the following garments:
• Top with Princess seam line
• Skirt
• One piece dress

Recommended readings:
• Thomas Anna Jacob, “The Art of Sewing” UBS Publishers Distributions Ltd, New Delhi, 1994
• Readers Digest-Sewing Book.
• Verma G, “Cutting and Tailoring Theory” Asian Publishers, Delhi, 1999
• Armstrong Helen Joseph, “Pattern making for Fashion Designing”.
• Mullick Prem Lata, ‘Garment Construction Skills’.

Semester-VI
TEXTILE PRINTING AND FINISHING

OBJECTIVES:
• To acquaint students about different types of printing and finishes applied on different fabrics

Instructions for paper setters
1. There will be total nine questions carrying equal marks.
2. Two questions from each unit and one compulsory question covering all the units. Five questions will be attempted in all.
3. Question No. 1 will be compulsory carrying comprising short answers from all the units, fill in the blanks or true/false.
4. Each question will carry eight marks

Credit: 3pds/week 
Total Marks: 50
Time: 3hrs. 
Exam: 40
Int. Ass.: 10

UNIT-I
1. Introduction to Finishes and its importance.
2. Printing Auxiliaries.
3. Pretreatment of printing
   • Degumming
   • Bleaching
   • Scouring
4. Types of printing
   • Roller
   • Rotary
   • Transfer

UNIT-II
5. Methods of printing
   • Blocks
   • Roller
   • Screen
   • Stencil
6. Post treatment
   • Heat setting
   • Steaming
   • Washing

UNIT-III
7. Finishes
   • Introduction and importance
   • Classification of finishes
   • Basic preparation of fabrics- Singeing, Desizing, Scouring and Bleaching
UNIT-IV

8. Mechanical Finishes: Beetling, Brushing and Shearing, Weighting, Sanforising, Tentering, Calendering, (Simple, Friction, Moireing, Embossing, Schreinering), Napping, Sizing and Glazing

Recommended readings:
- Introductory Textile Science, M L Joseph
- Textile fabrics and their Selection, Isabel B Wingate and June F Mohler

Semester-VI

TEXTILE PRINTING AND FINISHING

PRACTICAL
OBJECTIVES:
- To enable students to develop practical skills of printing and dyeing

Instruction to the Paper-Setters:
1. There will be two questions in all covering the entire syllabus.

Credit: 4pds/week
Time: 3hrs.
Total Marks: 75
Exam: 60
Int. Ass.: 15

1. Techniques of Printing
a) Block Printing
   - Single, Double & Multi Colored printing
   - Different Layouts-Central, Corner, Border and All over.
(b) Stencil Printing – Positive and Negative stencils
(c) Flat and Photographic Screen Printing

2. Hand painting techniques

Note: Preparation of different articles using above techniques and their finishing.
**Recommended readings:**

- Textiles by Hollen Saddler- Macmillian Publishing Company, New York
- Understanding Textiles by P S Tortora-Prentice Hall Inc., New Jersey

**Semester-VI**

**ENTREPRENEURSHIP DEVELOPMENT**

**THEORY**

**OBJECTIVES:**

- To prepare the platform where the students view entrepreneurship and self employment as a desirable career option.
- Stimulating the potential to develop entrepreneurial orientation to innovation and creativity.
- To orient the students with basic principles involved in starting and managing a new enterprise.

**Instructions for paper setters**

1. There will be total nine questions carrying equal marks. Two questions from each unit and one compulsory question covering all the units.
2. Five questions will be attempted in all. Question No. 1 will be compulsory carrying short answer type questions, fill in the blanks or true/false.
3. Each question will carry eight marks (8X5=40)

Credit: 3pds/week  
Total Marks: 50  
Time: 3hrs.  
Exam: 40  
Int. Ass: 10

**UNIT-I**

1. Entrepreneurship development :-
   - Concept of Entrepreneur and Entrepreneurship
   - Qualities of Entrepreneur
   - Factors affecting Entrepreneurship
   - Phases of Entrepreneurship development
   - Steps of Entrepreneurship development

**UNIT-II**

2. Women Entrepreneurs
   - Characteristics
   - Challenges faced during creation and enterprise management
• Avenues for the growth of women entrepreneurs

UNIT-III

3. Business Ideas/ Plans
• Sources of new ideas.
• Hindrances to creativity
• Meaning and importance of patents, trademark and copy right

UNIT-IV

4. Small business enterprise management
• Problems of small enterprises in India.
• Factors affecting business environment and profitability of business.

Recommended readings:
• Panda, ShibaCharan, “Entrepreneurship Development”, New Delhi, AnmolPublications. (Latest Editions)
• SIDBI Report on Small Scale Industries Sector (Latest Editions)