B.Sc. Home Science-Apparel and Textile Design-3\textsuperscript{rd} year

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Paper/Subject</th>
<th>Credit Hours</th>
<th>Theory Marks</th>
<th>Practical Marks</th>
<th>Total</th>
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<td>1</td>
<td>Pattern Development &amp; Garment Construction.</td>
<td>2</td>
<td>2</td>
<td>45</td>
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<td>2</td>
<td>Fashion Merchandising.</td>
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<td>3</td>
<td>World Costumes and Textiles.</td>
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<td>Traditional Textiles and Design. (Common with Composite &amp; ATD)</td>
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<td>5</td>
<td>Computer Aided Design.</td>
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<td>Line Development</td>
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<td>9</td>
<td>*Seminar</td>
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**TOTAL** 36 900

Note:

*Seminar- Presentation on recent topics related to the subject.

** The marks are totally internal. The seminar will be judged/evaluated by a panel of three staff members of the related department and the average score will be considered as final score.
Objectives:
1. To impart knowledge of Anthropometry and Pattern Development.
2. To understand principles of good fit and various fitting problems.
3. To impart knowledge about Wardrobe planning.

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

UNIT -I

1. Terminology used in Pattern Making:- Pattern drafting, flat pattern making, Draping, template, working pattern, production pattern, design specification sheet, pattern chart, cost sheet, trueing and blending, dart, dart legs, dart intake, pivotal point, lining, interlining, facing, interfacing.
2. Anthropometric measurements:-definition, instruments, precautions, landmarks and recording body measurements.

UNIT -II

3. Introduction to methods of Pattern Development
   a) Drafting
   b) Flat Pattern Method: i)Slash and Spread  ii)Pivot Method
   c) Draping

4. Basics of Commercial paper pattern
   a) Pattern Envelope
   b) Pattern Marking
   c) Pattern Layout

UNIT -III

5. Fitting- principles of good fit
6. Steps in solving fitting problems
7. Various figure problems and its remedies
   a) Bust- High Bust, Low Bust, Large Bust
   b) Length- Too Long, Too Short
   c) Shoulders- Narrow Shoulder, Broad Shoulder, Square Shoulder, Sloping Shoulder, Round Shoulder
   d) Neckline- Full Neck, Thin Neck, Open Neckline that gapes.
e) Skirt- Small Waistline, Large Waistline, Small Hips, Large Hips, Large Derriere, Small Derriere.

UNIT-IV

8. Wardrobe Planning-
   a) Factors affecting wardrobe planning- Climate, Community, Activities, Profession, Marital Status, Age and Budget.
   b) Wardrobe planning for different age groups.
      i) Infants
      ii) Children
      iii) Adolescent
      iv) Adult
      v) Elderly

Recommended Readings:
4. “A Reader’s Digest Step by Step guide- Sewing and Knitting”, Reader’s Digest (Australia) Pty Ltd.
PATTERN DEVELOPMENT AND GARMENT CONSTRUCTION

(PRACTICAL)

Credit hours: 2/week                                M. Marks : 50
Paper: 2hrs                             Paper :45
Int. Ass.:05

Objectives:
To impart knowledge about application of various Construction techniques in Garment Construction.

Instructions for paper setters:
1. Examiner is required to give any one garment for drafting & construction from the syllabus.
2. Project work should not be included in question paper.

1. Drafting of Adult’s Bodice Block and Sleeve Block.

2. Development of the pattern for the Blouse.

3. Drafting and Construction of the following
   a) Saree Blouse
   b) Petticoat
   c) A-line skirt

Project: Designing, drafting, developing pattern and construction of Lady’s suit of latest fashion.

Recommended Readings:
FASHION MERCHANDISING (THEORY)

Credit hours: 3/week                           M. Marks : 75
Paper: 3hrs                                           Paper : 65
Int. Ass. : 10                                       

Objectives:
To create awareness about-

1. Fashion concepts
2. Fashion creation
3. Merchandizing of fashion
4. Fashion stores

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

UNIT-I

1. Fashion Concepts:
   a) Fashion terminology- Fashion, fad, style, classic, taste, design, hi-fashion, mass fashion, stereotype, Haute couture, Pret-a-porter and ford.
   b) Components of fashion-line, colour, texture and form
   c) Fashion cycle
   d) Factors affecting fashion movement

UNIT-II

2. Fashion creation:
   a) Fashion forecast
   b) Sources of inspiration

UNIT-III

3. Merchandising of Fashion
   a) Fashion merchandising- concept, role and responsibility of merchandiser.
   b) Promotion of fashion
      (i) Advertising (ii) Publicity (iii) Fashion shows.
UNIT-IV

4. Fashion distribution
   a) Department stores.
   b) Specialty stores.
   c) Chain stores
   d) Catalogue retail stores
   e) Discount stores
   f) Franchise retail store
   g) Boutiques

Recommended Readings:

FASHION MERCHANDISING (PRACTICAL)

Credit hours: 2/week  M. Marks : 50
Paper: 3hrs  Paper : 45
Int. Ass. : 05

Objectives:
1. To acquire knowledge about various brands of apparel and accessories
2. To gain knowledge about various display materials and installations and different kind of store displays

Instructions for paper setters
1. The question paper should cover the entire syllabus.
2. The file work and the sessional work will be of 5 marks each (10 marks)

1. Survey on famous brands available in market for men, women and children.
2. To study various display material (props, stands, mannequins) and installations used for store display.

Project: Thematic window display for a specific store or boutique

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

Recommended Readings:
2. Jeannette Jarnow, Dickerson,” Inside the Fashion Business’ Prentice Hall, USA
WORLD COSTUMES AND TEXTILES
(THEORY)

Credit hours: 3/wk.                     M. Marks : 75
Paper: 3hrs                         Paper : 65
               Int. Ass : 10

Objectives:
1. To study the World Costumes and Ancient Indian costumes of different eras.
2. Introduction of World Civilizations with special emphasis on costumes and accessories.

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

UNIT-I

A) Study of traditional costumes of Indian during following periods.
   1) Indus valley civilization
   2) Vedic and Post vedic period
   3) Mughal period
   4) British period

UNIT-II

B) Study of World costumes during following periods.
   1) Egypt
   2) Greece

UNIT-III

3) Rome
4) Byzantine.
5) French Costumes-middle ages

UNIT-IV

6) Renaissance
7) French revolution
8) Romantic period

Recommended Readings:

1) Indian costumes by Gyurye G.S, 1966 Bombay Popular Parkashan
2) History of World Costumes by Carolyn Bradley, 1955, Peter Owen Ltd. London
3) Costumes and Textiles of Royal Indian by Ritu Kumar, Christie’s book ltd, London
WORLD COSTUMES AND TEXTILES
(PRACTICAL)

Credit hours: 2/wk.        Total marks : 50
Paper: 2hrs         Exam : 45
        Int. Ass. : 05

Objectives:
1. To create awareness about motifs and costumes of different civilizations
2. To design contemporary costumes taking inspiration from historic motifs and costumes.

Instructions for paper setters
1. The question paper should cover the entire syllabus.
2. The file work and the sessional work will be of 5 marks each (10 marks).

A) Basic Fashion Illustration
   1) 8, 10, 12 Headed croqui
   2) Fleshing of Fashion figure

B) Costume Designing
   1) Illustration of costumes of different civilizations
   2) Designing of contemporary costumes taking inspiration from ancient Indian and World Costumes.

C) Textile Designing.
   1) Collection of motifs of different civilizations.
   2) Designing of household textiles using these motifs.

Recommended Readings:
1) A handbook of costume drawing (a guide to drawing the period figure) by Gerogia O'Daniel Baker, 2007 Published by Focal Press ELSEVIER, New Delhi.
3) Impression- A classic collection of Textile Designs by K. Prakash, the design point Bombay.
TRADITIONAL TEXTILES AND DESIGN (THEORY)
(Common with Composite & ATD)

Credit hours: 3/week.  
M. Marks : 75
Paper: 3hrs  
Paper : 65
Int. Ass. : 10

Objectives:
1. To impart knowledge of traditional designs and motifs of textiles
2. To introduce application of these motifs on different textiles.
3. To impart knowledge about the elements & principles of design

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 comprising short answers type questions, fill in the blanks or true/false from all the units.
3. Each question will carry equal marks.

UNIT-I

1. Elements of Art
   a) Line
   b) Form
   c) Colour & its dimensions (Hues, Values, Intensity), Colour schemes
   d) Texture.

UNIT-II

2. Principles of Design
   a) Harmony
   b) Proportion
   c) Balance
   d) Rhythm
   e) Emphasis

3. Optical Illusions created through Elements of Art and Principles of Design.

UNIT-III

4. Traditional Woven Textiles – Brocade, Jamdani, Kanjivaram, Baluchari, Kashmiri Carpets : Namda and Gaba

UNIT-IV

5. Traditional dyed & printed textiles
   a) Resist dyed textiles- Bandhani, Batik, Patola, Ikat and Pochampalli
   b) Block Printed Textiles-Sanganeri.
   c) Painted Textiles-Kalamkari
Recommended Readings:

5. Dress- By Gawne.
9. 100 Contemporary Fashion Designers By (Taschen GMBH) edited by Terry Jones, Honkong.
TRADITIONAL TEXTILES & DESIGN
(PRACTICAL)
(Common with Composite & ATD)

Credit hours: 2/week. M. Marks : 50
Paper: 3hrs. Exam : 45
Int. Ass. : 05

Objectives:

1. To learn basic embroidery stitches
2. To acquaint the students with the different fabrics, stitches, motifs and colours used in traditional embroideries.
3. To acquaint students with different types of dyeing and printing techniques.

Instructions for paper setters:
There will be two questions in all covering entire syllabus

1. Motifs and its types- geometrical, realistic, stylized and abstract motifs. Develop designs using these motifs for apparel and furnishings (atleast three designs for each).
2. Colour- Colour wheel, value scale, colour harmonies and colour ways.
4. Traditional embroideries of different regions of India-history, motifs, stitches, base cloth threads and colors of the following:
   a) Kantha
   b) Chamba Rumal
   c) Phulkari
   d) Chikankari
   e) Kasuti
   f) Kutch

5. Dyeing and Printing Techniques
   a) Tie & Dye and Batik
   b) Stencil and Block Printing

Recommended Readings:
8. Pandit S., “Traditional Embroideries of India” TRADITIONAL TEXTILES.
COMPUTER AIDED DESIGNING
(PRACTICAL)

Credit hours: 4/week        M. Marks : 100
Paper: 4hrs               Paper : 80
Int. Ass. : 20

Objective:
To impart knowledge about Basic computers, Paint, Corel draw, Adobe Photoshop

Instructions for paper setters:
Examiner should set at least one question from each section.

1. MS POWERPOINT
   a) Detailed study of all menu options.
   b) Presentation on any topic related to Apparel & Textiles.

2. PAINT
   a) Detailed study of tools.
   b) Creating nursery, geometrical and floral motifs.

3. COREL DRAW
   a) Detailed study of tools and menu options.
   b) Creating front profile of female figure.
   c) Designing a one-piece dress along with accessories.

4. PHOTOSHOP
   a) Detailed study of tools and menu options.
   b) Creating compositions of prints in various colours, placements and textures.

Recommended Readings:
1. Corel Draw by BPB publications
2. Corel Draw X4 in simple steps- Dream tech press.
4. MS office 2000 for everyone by- Sanjay Saxena.
5. Computer Today by S.K Basandara
LINE DEVELOPMENT
(PRACTICAL)

Credit hours: 4 /week M. Marks : 100
Internal : 100

Objectives:
1. To enable students to develop a theme based collection.
2. To enable students to showcase the collection.
3. To impart skills of portfolio presentation.

I) Study of Fashion Forecast and Presentation of predicted trends in the following:
   a) Different types of Textures/Fabrics
   b) Colours
   c) Trimmings
   d) Silhouettes
   e) Fashion/Style
   f) Surface Ornamentation & Accessories

II) Conceptualization of the following:
    a) Mood-board
    b) Designing
    c) Fabric sourcing
    d) Spec-sheet

III) Pattern Development

IV) Construction of line

V) Show-casing the collection

Students will present their creations on their models in a fashion show.

Recommended Readings:
2. Elizabeth Drudi, “Figure Drawing for Fashion Design”, The Pepin Press.
B.Sc-III Year (Common to all streams)
ECONOMICS AND ENTREPRENEURSHIP DEVELOPMENT
(THEORY)

Credit hours: 2/week
Paper: 3hrs

M. Marks : 50
Paper : 45
Int. Ass. : 05

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

Instruction for paper setters:
1. Each theory paper will be of three hours duration.
2. Questions paper will have four sections.
3. A total of nine questions comprising of two questions from each unit and one compulsory questions of short answer type covering the whole syllabus will be set.
4. All questions may carry equal marks unless specified.
5. Students will be expected to attempt one question from each unit and the compulsory question

Unit- I

1. Entrepreneurial economics:
   a) Need and importance
   b) Entrepreneurship and role in economic development

2. Entrepreneur and Enterprise:
   a) Entrepreneurial traits and types
   b) Entrepreneurial competencies.

3. Women entrepreneurs:
   a) Characteristics
   b) Role and challenges faced during creation and enterprise management

Unit-II

4. Business Idea/Plan:
   a) Pitching a business idea and its formulation.
5. Project Formulation:
   a) A brief introduction.
   b) Finance proposal and sources.

6. Intellectual Property rights(Creation-Protection-Encashing)

**Unit-III**

7. Small business enterprise management:
   a) Problems of small enterprises in India.
   b) Non Profit Institutions in support of small business development.

8. Business Environment:
   a) Factors affecting business environment and profitability of business

**Unit-IV**

9. Business marketing:
   a) Marketing strategies-packaging, advertising & publicity, e-marketing
   b) Four Ps of marketing-Product, Price, Place and Promotion.

10. Conducting a SWOT analysis of enterprise.

**Recommended Readings:**

6. SIDBI Report on Small Scale Industries Sector (Latest Editions)
Objectives:
1. To prepare the platform where the students view entrepreneurship and self-employment as a desirable and feasible career option.
2. Stimulating the potential to develop entrepreneurial orientation through innovation and creativity
3. To orient the students with basic principles involved in starting and managing a new enterprise

Instruction for paper setters:
1. Each theory paper will be of three hours duration.
2. Questions paper should cover the entire syllabus.
3. The file work and viva will be of 5 marks each (Total = 10 marks)

Contents:
1. Preparation of project report for small enterprises/cottage industries. (The students will be advised to develop a structured instrument (questionnaire) for conducting first hand survey of the various aspects of respective entrepreneurs/enterprise, conducting the SWOT analysis and suggesting feasible measures for policy implementation).
2. Assignments on opportunity scouting and idea generation: role of creativity & innovation in business research.
3. Developing a Business Plan for Micro enterprises on any one of the following:
   a) Cafeteria/Diet clinic
   b) Nursery school/Day care
   c) Boutiques
   d) Interior Design studios.
B.Sc Home Science 3rd Year
EXTENSION EDUCATION (THEORY)
(Common to all streams)

Credit hours: 2/week M. Marks : 50
Paper: 3hrs Paper : 45
Int. Ass. : 05

Instructions for Paper Setters:

1. Each theory paper will be of three hours duration.
2. Question paper will have four sections.
3. A total of nine questions comprising of two questions from each unit, and one compulsory question of short answer type covering the whole syllabus will be set.
4. All questions may carry equal marks unless specified.
5. Students will be expected to attempt one question from each unit and the compulsory question.

Objectives:

1. To understand the concept of extension and its relevance for self & national development.
2. To appreciate the role of Home Science extension in community development.
3. To create awareness about rural development and various programs and agencies involved in it.
4. To sensitize students towards various methods, preparation and selection of suitable materials for effective communication.

UNIT-I

I. INTRODUCTION TO EXTENSION EDUCATION

a) Concept, principles, philosophy of extension
b) Extension Education process
c) Qualities of extension workers
d) Home Science Extension as a discipline and its contribution towards development.
UNIT-II

II. RURAL AND COMMUNITY DEVELOPMENT
   a) Definition of rural and community development
   b) Origin of community development
   c) Introduction to Panchayati Raj and Democratic Decentralization
   d) Rural Development Programmes in India – Integrated Child Development Services (ICDS), etc.

UNIT-III

III. EXTENSION TEACHING METHODS AND AIDS
   a) Concept and steps in extension teaching
   b) Classification of extension teaching methods according to form and use
   c) Classification of Audio visual aids
   d) Introduction of various audio visual aids

UNIT-IV

IV. EXTENSION PROGRAMME
   a) Concept of Extension Programme Planning
   b) Factors affecting selection and use of extension teaching methods and aids in extension programme planning.
   c) Steps in Extension Programme Planning
B.Sc Home Science 3rd Year  
EXTENSION EDUCATION (PRACTICAL)  
(Common to all streams)

Credit hours: 2/week  
M. Marks : 50  
Paper: 3hrs  
Paper : 45  
Int. Ass. : 05

Objectives:

1. To cradles the seed of social awareness in the students and make them understand their own worth in the society.  
2. To develop skills in the use of participatory approaches in program planning and evaluation.  
3. To fulfills the social responsibility of the students by giving their knowledge and service to the people in need.

Instructions for Paper Setters:

1. Each practical paper will be of 3 hours duration.  
2. The question paper should cover the entire syllabus.  
3. The file work and viva voice will be of 5 marks each (Total = 10 marks)

Contents:

1. Preparation, presentation and evaluation of any one visual aid (poster, chart, etc.).  
2. Preparation, presentation and evaluation of any one A-V aid (puppet show, power point presentation, etc.).  
3. Survey of a selected community to identify their felt and unfelt needs.  
4. Planning, organization, implementation and evaluation of a need based extension programme for the selected community in relation to anyone of the following:  
   a) Literacy  
   b) Income Generation  
   c) Health  
   d) Social Evils.
Recommended Readings: