



**PSGR
Krishnammal College for Women**



**DEPARTMENT OF COSTUME AND APPAREL DESIGN
PROGRAMME: M.Sc. FASHION AND APPAREL DESIGN**

**CHOICE BASED CREDIT SYSTEM (CBCS)&
LEARNING OUTCOMES- BASED CURRICULAR FRAMEWORK (LOCF)
(SEMESTER –IV)**

**M.Sc. FASHION AND APPAREL DESIGN
2023-2025 Batch**



PROGRAMME LEARNING OUTCOMES (PLO's)

After completion of the programme, the student will be able to

- **PLO1:** Understand diverse cultural influences and market demands of apparel industry
- **PLO2:** Create innovative functional and aesthetic apparels and accessories.
- **PLO3:** Design apparels with advance digital tools and technologies
- **PLO4:** Research and analyze textile and fashion trends
- **PLO5:** Apply knowledge and skill in the fashion field and promote entrepreneurship.

PROGRAMME SPECIFIC OUTCOMES (PSO's)

The students at the time of graduation

- **PSO1:** Graduates can function independently with their innovative and creative skills
- **PSO2:** Graduates will be able to meet the current requirements of apparel Industries
- **PSO3:** Graduates can undertake research /projects for new product development



**M.Sc. FASHION AND APPAREL DESIGN
CHOICE BASED CREDIT SYSTEM (CBCS)&
LEARNING OUTCOMES- BASED CURRICULAR FRAMEWORK (LOCF)
SYLLABUS & SCHEME OF EXAMINATION
BATCH 2023-2025 ONWARDS, SEMESTER –IV**

| Programme and Branch : M.Sc.Fashion and Apparel Design | | | | | | | | | | | |
|--|-------------|---|-------------|--------------|---------------|----------------|--------------------------|-------------------|-----|-------------------|-------------------|
| SEMESTER | Course Code | Title of the Course | Course type | Instructionn | Contact hours | Tutorial Hours | Duration of Examinationn | Examination Marks | | | Credits |
| | | | | | | | | CA | ESE | TOTAL | |
| IV | MFD2309 | Home Textiles | CC | 5 | 73 | 2 | 3 | 25 | 75 | 100 | 4 |
| | MFD23P08 | Home Textiles - Product Development Lab | CC | 7 | 105 | - | 4 | 25 | 75 | 100 | 5 |
| | MFD23PROJ | Project and Viva voce | DSE | 18 | - | - | - | 25 | 75 | 100 | 12 |
| | MFD2310 | ALC Indian Traditional Textiles Crafts | ACC | #SS | - | - | 3 | 25 | 75 | 100 | 5 |
| I-IV | | Total | | | | | | | | Marks 2300 | Credits 90 |

CC-All core courses ACC-Additional credit course CA – Continuous Assessment

ESE - End Semester Examination ALC-Advance learner course #SS-Self-study

* Credits applicable to candidates who take up Advanced Level Course examination

QUESTION PAPER PATTERN 23 - 25 Batch

Question Paper Pattern and distribution of marks PG- Core and Allied- (First 3 Units)

CA Question from each unit comprising of

| | |
|--|------------|
| One question with a weightage of 2 Marks | 2 x 3 = 6 |
| One question with a weightage of 5 Marks (Internal Choice at the same CLO level) | 5 x 3 = 15 |
| One question with a weightage of 8 Marks (Internal Choice at the same CLO level) | 8 x 3 = 24 |

Total: 45 Marks

Continuous Internal Assessment Pattern

Theory

I Year PG (23 Batch)

| | | | | | |
|-------------------------|---|--|---------------------|---|---|
| CIA Test | : | 5 marks (conducted for 45 marks after 50 days) | Model Exam | : | 7 marks (Conducted for 75 marks after 85 days (Each Unit 15 Marks)) |
| Seminar/Assignment/Quiz | : | 5 marks | Class Participation | : | 5 marks |
| Attendance | : | 3 marks | Total | : | 25 Marks |

Practical

| | | |
|-----------------|---|-----------------|
| Lab Performance | : | 7marks |
| Regularity | : | 5marks |
| Model Exam | : | 10marks |
| Attendance | : | 3marks |
| Total | : | 25 marks |

ESE Practical Pattern

The End Semester Examination will be conducted for a maximum of 75 marks with a maximum 15 marks for the record and other submissions if any.

PROJECT:

Each faculty will be allotted 5 students. A specific problem will be assigned to the students or they will be asked to choose a problem/area of interest. The topic/area of interest will be finalized at the end of III semester allowing scope for the students to gather relevant literature during the vacation. The research work can be carried out in the college or at any organization approved by the guide and the HOD. The students will have three internal review meetings after which the Viva voce/presentation will be conducted by a panel comprising HOD, internal and external examiners. A PowerPoint presentation by the student before the audience will be evaluated on the basis of students' response to the questions.

MAPPING OF PLOS WITH CLOS

| COURSE | PROGRAMME LEARNING OUTCOMES | | | | |
|-----------------------------|-----------------------------|------|------|------|------|
| | PLO1 | PL02 | PL03 | PLO4 | PLO5 |
| COURSE CODE MFD2309 | | | | | |
| CLO1 | M | S | S | S | S |
| CLO2 | M | S | S | S | S |
| CLO3 | S | S | S | S | S |
| CLO4 | S | S | S | S | S |
| CLO5 | S | S | S | S | S |
| COURSE CODE MFD23P08 | | | | | |
| CLO1 | M | S | S | S | S |
| CLO2 | S | S | S | S | S |
| CLO3 | S | S | S | S | S |
| CLO4 | S | S | S | S | S |
| CLO5 | S | S | S | S | S |
| COURSE CODE MFD2310 | | | | | |
| CLO1 | M | M | S | S | S |
| CLO2 | M | S | S | S | S |
| CLO3 | S | S | S | S | S |
| CLO4 | S | S | S | S | S |
| CLO5 | S | S | S | S | S |

| COURSE CODE | COURSE NAME | Category | L | T | P | Credit |
|--------------------|--|-----------------|-----------|----------|----------|---------------|
| MFD2309 | SEMESTER – IV HOME TEXTILES | Theory | 73 | 2 | - | 4 |

Preamble

This course provides a study of home textiles, and their performance in home décor and functional textiles.

Course Learning Outcomes

On the successful completion of the course, students will be able to

| CLO Number | CLO Statement | Knowledge Level |
|-------------------|---|------------------------|
| CLO1 | Relate the fundamentals of home textiles. | K1 |
| CLO2 | Outline the types of raw materials and manufacturing processes used for home textiles. | K2 |
| CLO3 | Examine the criteria for selection of finishes in home textiles. | K3 |
| CLO4 | Analyze the design, materials, functionality, and maintenance requirement of home textiles. | K4 |
| CLO5 | Evaluate the performance of in accordance to regulatory standards for home textiles. | K4 |

Mapping with Programme Learning Outcomes

| CLOs | PLO1 | PLO2 | PLO3 | PLO4 | PLO5 |
|-------------|-------------|-------------|-------------|-------------|-------------|
| CLO1 | M | S | S | S | S |
| CLO2 | M | S | S | S | S |
| CLO3 | S | S | S | S | S |
| CLO4 | S | S | S | S | S |
| CLO5 | S | S | S | S | S |

S- Strong; M-Medium

Syllabus

UNIT I

15 Hours

Home Textile-Introduction, definition and classification, home textile market scenario. fibers used in home textiles- Selection of sustainable fibers in home textiles- organic cotton, bamboo, recycled

polyester. Fabrics for home textiles- woven, knitted and nonwoven, Special finishes used in home textiles- wrinkle-free, soil release, UV protection, and odor control finishes

UNIT II

14 Hours

Introduction and definition of linens - Introduction, definition and types of bed linen, kitchen and table linen, bath linen-Made-ups. Selection and manufacturing of Linens and application and Care of Linens.

UNIT III

14 Hours

Windows and wall covering-Designs, types and materials used, manufacturing of draperies, curtains-Applications and uses. wall coverings- Introduction, definition, types and materials used, manufacturing of wall coverings-Application-Residential, commercial, and institutional uses-End use. Care and maintenance-cleaning techniques for various materials

UNIT IV

14 Hours

Floor Covering-Introduction, definition, types of carpets -Types of floor coverings- Carpets, rugs, mats, tiles, laminate flooring. Materials used- Wool, polypropylene, nylon, natural fibers coir, sisal. Manufacturing of carpets and rugs- tufting, weaving, knitting, needle-punching techniques. Use and care of floor coverings-Applications of residential, commercial, and industrial uses. Use and care-Vacuuming, deep cleaning, stain prevention. Innovations in floor coverings -noise-reducing and temperature-regulating carpets.

UNIT V

16 Hours

Finishes, special performance and evaluation used in home textiles finishes- Temperature- regulated beddings, antimicrobial, moisture management, flame- retardant, Water and oil repellent. Special performance- Special performance requirements in home textiles related to world market. Eco-friendly standards in home textiles. Importance of eco labelling in home textiles. Evaluation-regulatory test – flammability test for different home textiles.

TEXT BOOKS

| S.NO | Name of the Authors | Title of the book | Publishers | Year of Publication |
|-------------|----------------------------|--------------------------------|-------------------------|----------------------------|
| 1 | S Das | Performance of Home Textiles' | Woodhead Publishing | 2010 |
| 2 | Subrata Das | Performance of Home Textiles | Woodhead | 2018 |
| 3 | Katrin Cargill | Simple Curtains | Ryland Peters and Small | 2002 |
| 4 | Wendy Baker | Curtain and Fabric Selector | Collins and Brown | 2000 |
| 5 | Home Textiles | Gopalakrishnan.D and T.Karthik | Astral | 2020 |

REFERENCE BOOKS

| S.NO | Name of the Authors | Title of the book | Publishers | Year of Publication |
|------|---|--|---------------------|---------------------|
| 1 | Horrocks, A. Richard, and Anand, Subhash C. | Handbook of Technical Textiles | Woodhead Publishing | 2016 |
| 2 | Ricci, Maureen Whiteman | Home Textiles: A Complete Guide to Furnishing Fabrics and Design | Fairchild Books | 2011 |
| 3 | Kadolph, Sara J. | Textiles (11th Edition) | Pearson | 2014 |
| 4 | Saville, B. P. | Physical Testing of Textiles | Woodhead Publishing | 2000 |

Related Online Contents

- <https://www.businesswireindia.com/welspun-secures-patent-for-new-line-of-augmented-reality-home-decor-50283.html>
- <https://textilelearner.blogspot.com/2014/08/fabrics-for-interior-home-textile.html>
- <https://ihmkolkata.blogspot.com/2013/05/wall-coverings.html>

Course Contents and Lecture Schedule

| Module No | Topic | No.of Periods | Content Delivery methods | CLOs |
|-----------|--|---------------|--------------------------|------|
| UNIT I | Home Textile-Introduction, definition and classification | 3 | T & Disc | CLO1 |
| | home textile market scenario. fibers used in home textiles | 3 | T &PPT | CLO2 |
| | Selection of sustainable fibers in home textiles- organic cotton, bamboo, recycled polyester. | 3 | T &SEM | CLO3 |
| | Fabrics for home textiles- woven, knitted and nonwoven. | 3 | T & Disc | CLO4 |
| | Special finishes used in home textiles- wrinkle-free, soil release, UV protection, and odor control finishes | 3 | T &PPT | CL05 |
| UNIT II | Introduction and definition of linens - Introduction, definition | 5 | T &SEM | CLO2 |
| | Types of bed linen, kitchen and table linen | 5 | T & Disc | CLO3 |
| | Made-ups. Selection and manufacturing of Linens and application and Care of Linens | 4 | T &PPT | CLO4 |
| UNIT III | Windows and wall covering-Designs, types and materials used. | 2 | T & Disc | CLO1 |

| | | | | |
|---------|--|---|----------|------|
| | Manufacturing of draperies, curtains-Applications and uses. | 3 | T &PPT | CLO2 |
| | wall coverings- Introduction, definition, types and materials used, manufacturing of wall coverings. | 3 | T &SEM | CLO3 |
| | Application-Residential, commercial, and institutional uses- End use. | 3 | T &PPT | CLO4 |
| | Care and maintenance-cleaning techniques for various materials | 3 | T & Disc | CLO5 |
| UNIT IV | Floor Covering-Introduction, definition, types of carpets | 2 | T &PPT | CLO1 |
| | Types of floor coverings- Carpets, rugs, mats, tiles, laminate flooring | 2 | T & Disc | CLO2 |
| | Materials used- Wool, polypropylene, nylon, natural fibers coir, sisal | 2 | T &PPT | CLO3 |
| | Manufacturing of carpets and rugs- tufting, weaving, knitting, needle-punching techniques. | 2 | T & Disc | CLO4 |
| | Use and care of floor coverings-Applications of residential, commercial, and industrial uses. | 3 | T &SEM | CLO5 |
| | Use and care-Vacuuming, deep cleaning, stain prevention. Innovations in floor coverings -noise-reducing and temperature-regulating carpets | 3 | T &PPT | CLO1 |
| UNIT V | Finishes, special performance and evaluation used in home textiles finishes- | 3 | T & Disc | CLO2 |
| | Temperature- regulated beddings, antimicrobial, moisture management, flame- retardant, Water and oil repellent. | 3 | T & Disc | CLO3 |
| | Special performance- Special performance requirements in home textiles related to world market. | 4 | T &PPT | CLO4 |
| | Eco-friendly standards in home textiles. Importance of eco labelling in home textiles. | 3 | T &PPT | CLO5 |
| | Evaluation-regulatory test – flammability test for different home textiles | 3 | T &SEM | CLO5 |

| | |
|---------------------------|----------------------|
| Name of the course | Home Textiles |
| Name of the Faculty | Dr.R.Radhika |
| Participatory learning | 50% |
| Experimental learning | 40% |
| Problem based learning | 10% |

Pedagogy

Lecture by chalk and talk, power point presentation, e-content, group discussion, assignment, quiz, peer learning, seminar.

Course Designer

Dr.Indumathi & Dr.S.Thamarai

| COURSE CODE | COURSE NAME | Category | L | T | P | Credit |
|--------------------|---|------------------|----------|----------|------------|---------------|
| MFD23P08 | SEMESTER IV HOME TEXTILES -PRODUCT DEVELOPMENT LAB | Practical | - | - | 105 | 5 |

Preamble

This course provides opportunities for designing and developing home textile products that blend functionality with aesthetic appeal.

Course Learning Outcomes

On the successful completion of the course, students will be able to

| CLO Number | CLO Statement | Knowledge Level |
|-------------------|--|------------------------|
| CLO1 | Define the essential principles of designing functional and aesthetic home textile products. | K1 |
| CLO2 | Identify the fabrics and raw materials for various home textiles. | K2 |
| CLO3 | Experiments with designing drafting and construction techniques for home textile products. | K3 |
| CLO4 | Design and develop home textiles products by integrating different techniques and finishes. | K6 |

Mapping with Programme Learning Outcomes

| CLOs | PLO1 | PLO2 | PLO3 | PLO4 | PLO5 |
|-------------|-------------|-------------|-------------|-------------|-------------|
| CLO1 | M | S | S | S | S |
| CLO2 | S | S | S | S | S |
| CLO3 | S | S | S | S | S |
| CLO4 | S | S | S | S | S |
| CLO5 | S | S | S | S | S |

S- Strong; M-Medium

Syllabus

- | | |
|--|---------|
| 1.Designing and construction of nursing pillow, nursing pads | 9 Hours |
| 2.Designing and construction of diaper bag, hooded towel. | 8 Hours |
| 3.Designing and construction of baby bed and sleeping bag for babies | 8 Hours |

| | |
|---|---------|
| 4.Designing and construction of essential baby accessories-gloves, cap, and socks. | 9 Hours |
| 5.Designing and construction of cushion covers and chair pad | 9 Hours |
| 6.Designing and construction of apron and oven mitten | 8 Hours |
| 7.Designing and construction of made ups set for bed linen | 9 Hours |
| 8.Designing and construction of types of pleats for curtains, types of curtains (each -5) | 9 Hours |
| 9.Designing and development for swags, cascades and accessories for curtains. (each-5) | 9 Hours |
| 10.Designing and development of quilts and multi-purpose mat for different applications | 9 hours |
| 11.Designing and pattern development for a bathrobe | 9 Hours |
| 12.Garment development for a bathrobe | 9 Hours |

Instruction to students

- The products can be made in quarter scale when the product size is huge
- Use of quarter scale is optional
- Actual size should be mentioned along with ¼ scale calculation in record sheets

TEXTBOOKS

| S.NO | Name of the Authors | Title of the book | Publishers | Year of Publication |
|------|----------------------------------|---|--------------------|---------------------|
| 1 | Aldrich, Winifred | Metric Pattern Cutting for Children's Wear and Babywear | John Wiley & Sons | 2009 |
| 2 | Stewart, Judith, Erwin, Margaret | Textiles and Sewing Guide | Dorling Kindersley | 2004 |
| 3 | McCall, Beth | Home Furnishings Workbook | Goodheart-Willcox | 2017 |
| 4 | Jessica B. Berenbaum | The Complete Book of Sewing for the Home | Creative Homeowner | 2001 |
| 5 | Sue & Alan Smart | The Complete Guide to Sewing | Reader's Digest | 2002 |
| 6 | Katrin Cargill | Curtains and Blinds: Contemporary Solutions for Window Treatments | Collins & Brown | 2005 |

Online Reference

- <https://www.mypram.com/en/home-textiles/?p=1>
- <https://organicmanufacture.com/product-category/baby-room-products/baby-swing/>
- <https://vizaro.es/Baby-Bedding-Nursery-Home-Decor-Textiles>
- https://vizaro.es/epages/ec9fb728-b4bf-4cf2-b412-c14a5ff7c09d.sf/en_GB/?ObjectPath=/Shops/ec9fb728-b4bf-4cf2-b412-c14a5ff7c09d/Categories/Textiles Hogar Bebe/Textiles Articulos

Course Contents and Lecture Schedule :

| Module No | Topic | No.of Periods | Content Delivery methods | CLOs |
|-----------|--|---------------|-----------------------------|------|
| 1 | Designing and construction of nursing pillow , nursing pads | 9 | Teaching& hands onpractical | CLO3 |
| 2 | Designing and construction of diaper bag, hooded towel. | 8 | Teaching& hands onpractical | CLO3 |
| 3 | Designing and construction of baby bed and sleeping bag for babies | 8 | Teaching& hands onpractical | CLO4 |
| 4 | Designing and construction of essential baby accessories-gloves, cap, and socks. | 9 | Teaching& hands onpractical | CLO4 |
| 5 | Designing and construction of cushion covers and chair pad | 9 | Teaching& hands onpractical | CLO3 |
| 6 | Designing and construction of apron and oven mitten | 8 | Teaching& hands onpractical | CLO3 |
| 7 | Designing and construction of made ups set for bed linen | 9 | Teaching& hands onpractical | CLO4 |
| 8 | Designing and construction of types of pleats for curtains, types of curtains (each -5) | 9 | Teaching& hands onpractical | CLO5 |
| 9 | Designing and development for swags, cascades and accessories for curtains. (each-5) | 9 | Teaching& hands onpractical | CLO5 |
| 10 | Designing and development of quilts and multi-purpose mat for different applications 9 hours | 9 | Teaching& hands onpractical | CLO3 |
| 11 | Designing and pattern development for a bathrobe | 9 | Teaching& hands onpractical | CLO3 |
| 12 | Garment development for a bathrobe | 9 | Teaching& hands onpractical | CLO4 |

| | |
|---------------------------|---|
| Name of the course | Home Textiles -Product Development Lab |
| Name of the Faculty | Dr.R.Radhika |
| Experimental learning | 100% |

Pedagogy

Lecture by chalk and talk, power point presentation, e-content, group discussion, peer learning and demonstration.

Course Designer

Dr. R. Radhika &Dr.Indumathi

| COURSE CODE | COURSE NAME | Category | L | T | P | Credit |
|-------------|---|----------|---|---|---|--------|
| MFD2312 | SEMESTER – IV ADVANCED LEARNER COURSE INDIAN TRADITIONAL TEXTILES CRAFTS | Theory | - | - | - | 5* |

Preamble

This course explores into Indian traditional textiles, their techniques, significance, and legal protections.

Course Learning Outcomes

On the successful completion of the course, students will be able to

| CLO Number | CLO Statement | Knowledge Level |
|------------|--|-----------------|
| CLO1 | Understand the history, features, and commercial value of traditional Indian textiles. | K1 |
| CLO2 | Explore Indian embroidery history and techniques, | K2 |
| CLO3 | Discover the traditional Indian printing methods and its applications. | K3 |
| CLO4 | Examine dyeing techniques of differences regions and trends. | K4 |
| CLO5 | Evaluate legal protections for traditional crafts. | K4 |

Mapping with Programme Learning Outcomes

| CLOs | PLO1 | PLO2 | PLO3 | PLO4 | PLO5 |
|------|------|------|------|------|------|
| CLO1 | M | M | S | S | S |
| CLO2 | M | S | S | S | S |
| CLO3 | S | S | S | S | S |
| CLO4 | S | S | S | S | S |
| CLO5 | S | S | S | S | S |

S- Strong; M-Medium

Syllabus

Unit-I

Introduction of Indian traditional textiles- historical significance, general characteristics of traditional textile crafts – centers of production and techniques, commercial significance and status of textile crafts, activities of the government for export promotion- design clusters, GI crafts, exhibitions, programs and developmental schemes

Unit-II

Embroidered textiles of India- Kutch Kathiawar, Sindhi, Phulkari, Kantha, Kasuti, Chamba rumal, Phool Patti ka Kaam, –History, fabrics used and equipment used, traditional motifs and patterns, embroidery techniques, product developed, applications of traditional embroidery in current trends.

Unit-III

Indian traditional printed textiles -Techniques, colours and motifs - Ajrakh, Ikat, Batik, Bagh, Dabu, Kalamkari Leheriya - Development of traditional printing designs and motifs of traditional printing designs. Applications of current techniques in printing

Unit-IV

Traditional resist- dyed textiles from different regions of india-categorisation of ikat styles on the basics of region–patola of Gujarat, bandhas of Odisha, pochampalli, and TeliaRumal of Andhra Pradesh ,categorization of tie-dyed textiles on the basics of bandhini of Gujarat bandhej and leheriya of Rajasthan

Unit-V

Copyright law and traditional craft business in India - Status of traditional handicrafts - Acts and statutes for artistic works- protection under geographical indications of goods - DesignAct - Legal procedure to register for a copy right in the field of art and crafts -Registration of design - Steps to design application - ISO certification

REFERENCE BOOKS

| S.NO | Name of the Authors | Title of the book | Publishers | Year of Publication |
|------|--|---|--|---------------------|
| 1 | Anjali Karolia | Traditional Indian Handcrafted Textiles | Niyogi Books | 2019 |
| 2 | Rita Kapur Chishti, Rahul Jain, Martand Singh Rita Kapur Chishti, Rahul Jain | Handcrafted Indian Textiles | Tradition and Beyond <i>Roli books</i> , | 2000 |
| 3 | Asharani Mathur, Rupa | Woven Wonder The Tradition of Indian Textiles, | Woven Wonder | 2002 |
| 4 | Delphine Marie-Vivien | The Protection of Geographical Indications in India | Hardcover | 2015 |

| | | | | |
|----------|---|--|--------------------|------|
| 5 | Helmut Neumann, Heidi Neumann, Rosemary Crill | Textiles of India | Prestel Publishing | 2020 |
| 6 | Zhang Mi | Practical Handbook of Design Patent Applications Paperback | Chinese Edition | 2011 |

Pedagogy

Self-Study

Course Designer

Dr. R.Tryphena & Ms.A.Jasira Banu