

GURU KASHI UNIVERSITY



Master of Science in Fashion Design

Session: 2023-24

Department of Fashion Design

GRADUATE OUTCOMES OF THE PROGRAMME:

The programme imparts to the students an intensive knowledge of the world of fashion, distinct aspects of creativity, sustainability, development of trends, style sensitivity. The course imparts into the scholars' entrepreneurship spirit by incorporating areas of study like factors of manufacture, textiles, and fabrics, economic relevance.

PROGRAMME LEARNING OUTCOMES: After completion of the programme, the learner will be able to

1. Demonstrate advanced proficiency in fashion design, including the ability to create innovative and conceptually strong fashion collections.
2. Apply a deep understanding of fashion aesthetics, garment construction, and patternmaking to develop original and well-crafted designs.
3. Conduct in-depth research into fashion trends, historical influences, and cultural contexts to inform design decisions.
4. Analyze and critically evaluate fashion design theories, concepts, and practices, incorporating scholarly research into design projects.
5. Communicate design concepts and ideas effectively through visual presentations, verbal communication, and written documentation.
6. Prepare professional portfolios and presentations that showcase design work and research findings.

Programme Structure

Semester: I							
Sr. No.	Course Code	Course Name	Type of course	L	T	P	No. Of Credits
1	MFD101	Textile Studies	Core	4	1	0	5
2	MFD102	Fundamentals of design	Core	4	0	0	4
3	MFD103	Drafting and Pattern Making Lab	Skill Based	0	0	4	2
4	MFD104	Sketching & Illustration Lab	Skill Based	0	0	4	2
5	MFD105	Textile Studies-Lab	Skill Based	0	0	4	2
Disciplinary Elective-I (Any one of the following)							
6	MFD106	Pattern Making and Construction Techniques	Disciplinary Elective-I	0	0	4	2
7	MFD107	Traditional Indian Embroideries					
Disciplinary Elective-II (Any one of the following)							
8	MFD108	Physiology of Fashion	Disciplinary Elective-II	3	0	0	3
9	MFD109	Global Costumes					
Total				11	1	16	20

Semester: II							
Sr. No.	Course Code	Course Name	Type of course	L	T	P	No. Of Credits
1	MFD201	Textile and Apparel Testing	Core	4	0	0	4
2	MFD202	Knitting Technology	Core	4	0	0	4
3	MFD203	Pattern making & Grading	Skill Based	0	0	4	2
4	MFD204	Garment ornamentation	Skill Based	0	0	4	2
5	MFD205	Draping Methods	Skill Based	0	0	4	2
Value Added Courses							
6	MFD206	Merchandising and Management	VAC	0	0	2	1
Disciplinary Elective-III (Any one of the following)							
7	MFD207	Fashion Merchandising and Marketing	Disciplinary Elective-III	3	0	0	3
8	MFD208	Fashion Entrepreneurship					
Disciplinary Elective-IV (Any one of the following)							
9	MFD209	Appreciation of Fashion Illustration	Disciplinary Elective-IV	0	0	4	2
10	MFD210	Accessory Designing					
Total				11	0	18	20

Semester: III							
Sr. No	Course Code	Course Name	Type of course	L	T	P	No. Of Credits
1	MFD301	Research Methodology	Research Skill	4	0	0	4
2	MFD302	Research Proposal	Research Skill	2	0	4	4
3	MFD303	Ethics& IPR	Value based	2	0	0	2
4	MFD304	Proficiency in Teaching	Research skill	0	0	4	2
5	MFD305	Service Learning	Community linkage	2	0	0	2
6	MFD306	Computer Lab	Skill Based	0	0	4	2
7	MFD307	Internship (06 weeks)	SEC	0	0	0	6
8	MFD399	XXXX	MOOC	0	0	0	4
Total				10	0	12	26

Semester: IV							
Sr. No.	Course Code	Course Name	Type of course	L	T	P	No. Of Credits
1	MFD401	Dissertation	Research Based Skills	0	0	0	20
Total				0	0	0	20

Evaluation Criteria for Theory Courses

A. Continuous Assessment: [25 Marks]

CA1: Surprise Test (Two best out of three) - (10 Marks)

CA2: Assignment(s) (10 Marks)

CA3: Term paper/Quiz/Presentations (05 Marks)

B. Attendance: [5 Marks]

C. Mid Semester Test-1: [30 Marks]

D. End-Term Exam: [40 Marks]

SEMESTER-I**Course Title: Textile Studies****Course Code: MFD101**

L	T	P	Credits
4	1	0	5

Total Hours: 65**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Recall basic textile terminology, such as fiber types (e.g., cotton, silk, polyester) and textile construction methods (e.g., weaving, knitting).
2. Evaluate the cultural and historical significance of textiles in different societies and time periods.
3. Apply knowledge of textile properties to select appropriate fabrics for specific purposes, such as clothing, home furnishings, or industrial applications.
4. Interpret textile labels and symbols related to care instructions and fabric content

Course Content**UNIT I****19 hours**

Introduction to textile fiber & terminology, Classification of fibers based on their source and origin, Primary and secondary properties of textile fibers, Manufacturing and properties (Physical and Chemical) of natural fibers- cotton, linen Silk, wool Manufacturing and properties (Physical and Chemical) of manmade fibers- Rayon, Nylon, Polyester, Glass fiber.

UNIT II**17 hours**

Introduction to Yarn- Classification of yarns, Simple yarns- single, multiply and cord yarns, Novelty yarns- slug, spiral, boucle, grenallem, nub, chenille, Textured yarns- stretch yarns, bulk yarns, and Blended yarns

UNIT III**18 hours**

Different methods of Yarn spinning (mechanical spinning and chemical spinning) - Wet, Dry and, melt spinning, Weaves, Weaving terminology, Classification of weaves-Plain weave- Rib weave, Basket, Twill (right handed twill, left handed twill, even & uneven twill), Satin, Sateen, Decorative weaves- Pile, Double cloth weave leno, Swivel, Tapestry, and Dobby And Jacquard weave, Backed Fabrics.

UNIT IV**11 hours**

Introduction to fabric construction, Loom its parts & basic operations & classification

Transaction Mode

Lecture, Seminar, Quiz, Question, Group Discussion, Project based Learning, Self-Learning, Cooperative Learning

Suggested Readings

- *Corbman. P. B., 1985 Textiles Fiber to Fabric Gregg, Mc Graw Hill Book.*
- *Phyllis, G. Tortora., 1987. Understanding Textile, 2nd Edition, Mc Millan Co.,USA*
- *Gioello, Debbie Ann., 1982. Understanding fabrics from fibers to finished clothes, Fairchild Publication, New York*
- *Randhawa Dr. Rajwinder K. 2009, Clothing, Textile & their Care, First Edition, Publisher: Pardeep, Jalandhar*

Course Title: Fundamentals of Design
Course Code: MFD102

L	T	P	Credits
4	0	0	4

Total Hours: 60

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Recall and list the key principles of design (e.g., balance, contrast, alignment).
2. Interpret and analyze the use of design elements in existing designs.
3. Demonstrate the ability to apply design principles in the creation of original designs.
4. Integrate various design elements and principles to create cohesive and visually appealing designs.

Course Content

UNIT I

17 hours

Introduction to Elements and Principles of Art and Design. Define and utilize the Elements of Art in introductory activities such as prepping a sketchbook and still life setup. Define and utilize the Principles of Design in introductory activities such as how to begin sketching and arranging compositions. Introduce Art History aesthetics that support Elements and Principles of Art and Design by viewing famous works of art and referencing decisions made by renowned artists. Introduction to Color Theory. Study the color wheel and value scales using only primary colors, by creating an individual color wheel for reference. How to mix secondary colors, tertiary, analogous, complimentary, split-complimentary, tonal values, water to pigment ratios, by creating small sketchbook studies of color theories.

UNIT II

13 hours

Realistic: Define and utilize drawing skills in the production of two-dimensional drawings. Create hand studies and landscape drawings to gain understanding of perspective. Non-Objective/Abstract: Complete an abstract artwork that incorporates content including color, shape, brushstrokes, size, scale, and process. Examples of this project include cubist-based artwork and image layering, with a focus on exploration of technique.

UNIT III

16 hours

Line: Focus on a composition, which incorporates line as the primary focus. Varied line drawings as technique, is the focus of the unit. Examples of these projects include still life and fabric studies through observational drawing. Color/Value: Focus on a composition, which incorporates color and value as the primary focus. Varied color theory paintings, as technique is the focus of the unit. Examples of these projects include pop art portraits, self-portraits, and splatter paintings. Texture: Focus on a composition, which incorporates texture as the primary focus.

Examples of these projects include magazine collaging and mixed media exploration. Form: Focus on a composition, which incorporates form as the primary focus. Examples of these projects include architecture drawing/paintings and exploration of the “isms.”

UNIT IV

14 hours

Additive: Define and utilize three-dimensional art forms in a project based on additive techniques. Introduction of new materials and techniques may include building and layering forms. Examples of these projects include wire and paper sculptures as well as mask making. Subtractive: Define and utilize three-dimensional art forms in a project based on subtractive techniques. Introduction of new materials and techniques may include carving and relief forms. Examples of these projects include paper sculptures as well as relief printmaking. Combination: Define and utilize a combination of techniques relative to additive and subtractive art forms. Varied materials will be used for enhancing techniques and understanding of workmanship skills. Examples of these projects include assemblages.

Transaction Mode

Lecture, Seminar, Quiz, Question, Group Discussion, and Project based Learning, Self-Learning, and Cooperative Learning

Suggested Reading

- *Kamandy, M. (2012). Additive. Subtractive. . (2nd ed.). Los Angeles, CA. :*
- *Lacey, S. (2000). Still life, start with art. Copper Beech*

Course Title: Drafting and Pattern Making Lab
Course Code: MFD103

L	T	P	Credits
0	0	4	2

Total Hours: 30

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Apply knowledge of pattern making principles to create basic patterns for simple garments (e.g., skirts, tops).
2. Memorize standard measurements and sizing charts used in pattern making.
3. Assess the fit and accuracy of self-drafted patterns on actual garment construction
4. Innovate and experiment with pattern manipulation and design variations to create distinctive fashion pieces.

Course Content

UNIT I

7 hours

Drafting of Kids -slip and panty and romper, Drafting of frocks (A line, circular, frock with yoke, frock with empire, normal and low waist line, Drafting of skirts-gathered, novelty gathered, two tied, pleated (knife, box, inverted, sunray, kick), straight, a- line, pegged, tulip, circular, gored, handkerchief, Drafting of a Jumpsuit.

UNIT II

8 hours

Designing of all kinds of casual and formal wear garments for children (romper, frock, Skirt, night suit, sundress, jumpsuit), Paper patterns of all kinds of casual and formal wear garments for children (romper, Frock, skirt, night suit, sundress, jumpsuit), on full scale, with all specifications, Drafting of an Adult bodice block

UNIT III

7 hours

Drafting of adult sleeve and its alterations. Drafting of Women's saree blouse and choli blouse, drafting of salwar kameez, churidar pyjama, kiladar kurta, drafting of Trousers and shirt.

UNIT IV

8 hours

Designing of all kinds of adult casual and formal wear garments (blouse, top, skirt, salwar suit, night suit, nighty gown, kurta pyjama, trousers). Paper patterns of all kinds of adult casual and formal wear garments (blouse, top, Skirt, salwar suit, night suit, nighty gown, kurta pyjama, trousers), on full scale.

Transaction Mode

Team Teaching, Video Based Teaching, Question, Group Discussion, Project based Learning.

Suggested Readings:

- *Mullick, LataPrem, 2010 Garment Construction Skills, Kalyani Publishers, New Delhi.*
- *Hilde Jaffe and Nurie Relis,2011 Draping for Fashion Design, Prentice Hall Crawford.*
- *Amaden, The Art of Fashion Draping, Fairchild Publishers*
- *Carr Harold & Latham Barbara,2008 The Technology of Clothing Manufacture, Oxford.*

Course Title: Sketching & Illustration Lab**Course Code: MFD104**

L	T	P	Cr
0	0	4	2

Total Hours: 30**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Recall and identify basic terminology related to design sketching, such as line weight, perspective, and shading.
2. Interpret design briefs or concepts and translate them into visual sketches.
3. Apply knowledge of sketching techniques to create sketches that accurately represent design concepts and ideas.
4. Assess the effectiveness of design sketches in communicating design ideas, aesthetics, and functionality.

Course Content**UNIT I****8 hours**

Fashion figure - 8½, 10 and 12 heads, front, back and ¾ profiles. Face analysis. Figure analysis.

UNIT II**6 hours**

Draw features of eyes, nose, ear, lips, face, hands, arms, feet, legs and hairstyles. Body line reading through different poses. Make stick figures in different poses.

UNIT III**7 hours**

Make geometric designs. Fleshing on block figures. Illustrate a figure using texture in the garment.

UNIT IV**8 hours**

Stippling and Hatching., Detail in study of light and shade of different types of folds, gathers and shape of fabric in dresses.

Transaction Mode

Team Teaching , Video Based Teaching , Question , Group Discussion, Project based Learning.

Suggested Readings:

- *Mullick, LataPrem, 2010 Garment Construction Skills, Kalyani Publishers, New Delhi*
- *Hilde Jaffe and Nurie Relis,2011 Draping for Fashion Design, Prentice Hall Crawford*
- *Amaden, The Art of Fashion Draping, Fairchild Publishers*

Course Title: Textile Studies-Lab**Course Code: MFD105**

L	T	P	Cr
0	0	4	2

Total Hours: 30**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Critically evaluate the performance of textiles in specific applications, considering factors like durability, comfort, and aesthetics.
2. Analyze the environmental and sustainability implications of textile production processes and materials.
3. Demonstrate proficiency in basic textile techniques, such as sewing, knitting, or weaving.
4. Contribute to the advancement of textile knowledge through research, experimentation, and creative expression.

Course Content**UNIT I****7 Hours**

Fiber identification- Visual, burning, Identification of blends Identification of weaves.

UNIT II**8 Hours**

Identification of types of yarn, Fabric count

UNIT III**7 Hours**

Evaluation of crimp and twist in yarn, Evaluation of color fastness to washing, ironing, crocking, perspiration and sunlight

UNIT IV**8 Hours**

Types of bleaches and its effect on fabric, Visit to a Textile industry

Transaction Mode

Open Talk, Video Based Teaching, Question, Group Discussion, Team Teaching.

Suggested Reading:

- *Rustarm; J. Mehta, "Masterpieces of Indian Textiles", (1970), D.B. Taraporevala Sons & Co., Pvt. Ltd.*
- *Joyee Storey, the Thames and Hudson- Manual of Textile Printing.' (1974), Thames and Hudson – London.*

Course Title: Pattern Making and Construction Techniques**Course Code: MFD10**

L	T	P	Cr
0	0	4	2

Total Hours: 30**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Recall and identify basic pattern making terminology, such as grainline, dart, seam allowance, and notches.
2. Apply knowledge of pattern making principles to create basic patterns for garments, including skirts, blouses, or dresses.
3. Analyze existing garment patterns to understand how they are constructed, graded for different sizes, and modified for design variations.
4. Assess the fit and accuracy of self-drafted patterns on actual garment construction.

Course Content**UNIT I****10 hours**

Tools, Equipment and Terminology of Pattern making, Style reading- Interpretation of style lines, Scope, importance and methods of developing patterns, Flat pattern.

UNIT II**6 hours**

Drafting, Slash and spread, Pivot, Draping

UNIT III**5 hours**

Basics of commercial paper pattern, Pattern Envelope, Pattern markings

UNIT IV**9 hours**

Pattern layout planning and fabric estimation and instruction sheet. Handling of special fabrics- Preparation, cutting and sewing. Linings, Interlinings, facings and inter facings.

Transaction Mode

Quiz, Video Based Teaching, Question, Group Discussion, Open Talk

Suggested Reading:

- *Janace Bubonia, 1996 Apparel Production Terms & Process*
- *Ruth E. Glock, 1999 Apparel Manufacturing-Sewn Product Analysis, Grace Publisher Prentice.*
- *Peyton B, Hudson, 1996 Guide to Apparel Manufacturing Publisher Blackwell.*

Course Name: Traditional Indian Embroideries
Course Code: MFD107

L	T	P	Cr
0	0	4	2

Total Hours: 30

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Identify and describe the key stitches, patterns, and motifs associated with the chosen embroidery style.
2. Prepare fabric for embroidery by understanding appropriate fabric selection, washing, and prepping techniques.
3. Develop the ability to critically evaluate one's own work and make improvements based on feedback and self-assessment.
4. Demonstrate an understanding of the history and cultural significance of the chosen Indian embroidery technique

Course Content

UNIT I

8 hours

Samples for Traditional Embroideries. Kantha, Kasuti, Kashida, Kutch

UNIT II

3 hours

Chikankari, Chamba Rumal, Sindhi Phulkari, Manipuri

UNIT III

9 hours

A visit to any textile museum / Craft cluster / Craft area. Survey and documentation of the Selected craft situation as it exists and how it has evolved, to study: The textile craft and handicraft of the area in detail. The technicalities as well as the present status of the craft.

UNIT IV

10 hours

Role of designer to uplift the craft Study the consumer choice, the marketing channels and Outlets. Students make a detailed documentation of the implements, materials and process used. They will submit the document in the form of Oral Presentation or Display.

Transaction Mode

Open Talk, Video Based Teaching, Question, Group Discussion, Team Teaching.

Suggested Reading:

- *Rustarm; J. Mehta, "Masterpieces of Indian Textiles", (1970), D.B. Taraporevala Sons & Co.,Pvt.Ltd.*
- *Joyee Storey, the Thames and Hudson- Manual of Textile Printing.' (1974),Thames and Hudson – London.*
- *Abraham T.M., Handicraft of India, Graphics Columbia, New Delhi, 1964, Mulk Raj Anand*

Course Name: Physiology of Fashion
Course Code: MFD108

L	T	P	Cr
3	0	0	3

Total Hours: 45

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Recall and define key physiological terms related to fashion, such as thermoregulation, comfort, and sensory perception.
2. Apply knowledge of clothing materials and designs to suggest suitable clothing choices for different climates or activities.
3. Analyze the impact of fashion trends on body image and self-esteem, considering societal and cultural factors.
4. Assess the effectiveness of different clothing technologies (e.g., moisture-wicking fabrics, thermal insulation) in improving physiological comfort.

Course Content

UNIT I

11 hours

Introduction to Clothing. Understanding clothing, Purpose of clothing: - protection, modesty, attraction etc. Clothing Values, Clothing Culture, men and women clothing and ornamentation, groups, Role and status of clothing. Clothing according to climatic conditions, - Arctic region- African, Asia and Arabs etc.

UNIT II

10 hours

Modern Clothing-Youth style and fashion, Teddy boy, skins modes, hippies, punks, taste of youth and their life style. Ancient to modern clothing, minis maxis, unisex, fit women, glamorous woman. Casual and formal clothing. Fashion for all, ready to wear fashion, mass marketing of fashion

UNIT III

13 hours

Selection of clothes: -Clothes for children, middle age, adults, Types of clothes according to human figure, Different materials for different clothes. Colors suitable for different garments. Kids to teenage clothing.

UNIT IV

11 hours

Planning for clothing needs, Clothes for school, Clothes for parties, Clothes for sports, Clothes for resting Wardrobe Planning. Social and Psychological Aspects of Fashion

Transaction Mode

Open talk, Quiz Video Based, Teaching Question, Group Discussion

Suggested Readings:

- Black A.J. (1985), 'A History of Fashion', USA Orbits Publishing Ltd.
- Rouse E. (1989), 'Understanding Fashion', UK, Blackwell Science

Course Name: Global Costumes
Course Code: MFD100

L	T	P	Cr
3	0	0	3

Total Hours: 45

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Recognize and identify key terminology related to world costumes, such as attire, drapery, and historical periods.
2. Apply knowledge of historical costume styles and design elements to identify and appreciate different costume traditions.
3. Assess the artistic and aesthetic qualities of costume designs and their representation in historical art and media.
4. Innovate and experiment with costume design elements and materials to create unique and visually compelling costume concepts.

Course Content

UNIT I 14 hours

Babylonian Costumes, Persian Costumes, Egyptian Costumes

UNIT II 13 hours

Greek period, Roman Period, Byzantine Period

UNIT III 17 hours

Victorian Period, French Revolution

UNIT IV 16 hours

Renaissance Costumes, 20th Century Fashions Students to prepare power point presentation/ seminar / poster presentation or window display on Any one of the above.

Transaction Mode

Open talk, Quiz, Video Based Teaching, Question, Group Discussion, Team Teaching

Suggested Readings:

- *Bradley, Carolyn G., Western World Costume, 1955, British Commonwealth.*
- *The Victoria and Albert Museum's Textile Collection British Textiles from 1850 to 1900*

SEMESTER-II**Course Name: Textile & Apparel Testing****Course Code: MFD201**

L	T	P	Cr
4	0	0	4

Total Hours: 60**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. List common testing standards and methods used in the textile and apparel industry.
2. Describe the principles behind various testing methods, such as the Martindale abrasion test or the AATCC colorfastness tests.
3. Analyze test results and make recommendations for product improvements or quality control measures.
4. Assess the cost-effectiveness of different testing strategies and recommend the most efficient approach for a given situation.

Course Content**UNIT I****18 hours**

Identification of fabric samples (warp and weft direction), Different types of weaves/weaving designs – plain, satin, sateen, twill, jacquard, Bird's eye, basket, ribbed, crepe, pile, lappet, dobby, triaxle, Properties and uses of Each of the weaves.

UNIT II**14 hours**

Essential properties of fabric, Comparative studies of the woven and knitted fabrics- construction and advantages of Each.

UNIT III**13 hours**

Elementary idea of machinery used in woven, knitted and non-woven fabrics., Uses of non-woven.

UNIT IV**15 hours**

Decorative fabric construction- braiding, netting, lace., Analyses of fabric samples-file work.

Transaction Mode

Open talk, Quiz, Video Based Teaching, Question, Group Discussion, Project based Learning.

Suggested Readings:

- Corbman., P. B., 1985 *Textiles Fibre to Fabric* Gregg, Mc Graw Hill Book.
- Phyllis, G. Tortora., 1987. *Understanding Textile 2nd Edition*, Mc Millan Co., USA
- Gioello, Debbie Ann., 1982. *Understanding fabrics from fibers to finished clothes*, Fairchild Publication, New York

Course Name: Knitting Technology
Course Code: MFD202

L	T	P	Cr
4	0	0	4

Total Hours: 60

Learning Outcomes:

After completion of this course, the learner will be able to:

1. List the basic components of knitting machines and their functions.
2. Summarize the factors that influence knitting quality, including tension, stitch formation, and yarn characteristics.
3. Apply knowledge of knitting machine settings to set up and operate knitting machines for specific knitting tasks.
4. Analyze different types of knit fabrics and structures, identifying their characteristics and potential applications in the textile industry.

Course Content

UNIT I

16 hours

Knitted garments-introduction, Difference between woven and knitted structures, Classification of knitted garments Weft knitted fabrics- plain, rib, purl, etc.

UNIT II

14 hours

Warp knitted fabrics- tricot, kitten Rachel, crochet, Milanese knit, and Simplex
 Other knitted constructions- jacquard, pile, fleece, high pile, terry knit, velour knit.

UNIT III

15 hours

Fully cut knitted garments- knit type, uses fully fashioned knitted garments- knit type, Uses Integral knitted garments- knit types, uses Cut stitch shaped knitted, garments. – Knit Type, uses, processes involved Seam and stitches used in knitting.

UNIT IV

15 hours

Machinery used for knitted garments- Flat bed, two-bar warp knitting machine, circular Jacquard knitting machine, circular pile knitting machine. Quality control, Defects in knitted fabrics, Industrial visit.

Transaction Mode

Open talk, Quiz, Video Based Teaching, Question, Group Discussion.

Suggested Readings:

- *Kalyani KVP Singh, 1997 Knitting Technology*
- *Bernard P. Corbman, 2000 Textiles- fiber to fabric, McGraw- Hill.*

Course Name: Pattern Making & Grading**Course Code: MFD203**

L	T	P	Cr
0	0	4	2

Total Hours: 30**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Recall and identify basic pattern making terminology, such as grainline, dart, seam allowance, and notches.
2. Apply knowledge of pattern making principles to create basic patterns for garments, including skirts, blouses, or dresses.
3. Analyze existing garment patterns to understand how they are constructed, graded for different sizes, and modified for design variations.
4. Assess the fit and accuracy of self-drafted patterns on actual garment construction.

UNIT I**9 hours**

Designing of child garments on different themes, designing of adult garments on different Theme, The layouts, markers and Plans ($\frac{1}{4}$ or $\frac{1}{6}$ scale), Paper patterns of different garments with varied fashion. The paper patterns should be marked Properly.

UNIT II**8 hours**

Grading of the patterns to smaller and bigger sizes. Introduction to the sewing machine, Cutting and sewing- processes involved and precautions, etc. Construction of any five garments for children, Construction of any five garments for Adults having different themes, different fashion elements, and different surface or Title nation.

UNIT III**7 hours**

Introduction to contemporary embroideries stitches- stem, back, running, dot, seeding, Straight, chain, open chain, twisted chain, wheat tear, lazy daisy, blanket, buttonhole, Zigzag chain, double chain, raised chain, spider's web, sheaf, brick, Florentine, Holbein, Pekinese, cut work, four sided, goblin, woven bars, Cretan, fly.

UNIT IV**6 hours**

French knots, bullion knots, German knots, fish bone, Romanian, satin, long and short, Couching, Jacobean trellis, thorn, cross stitch, chevron, herringbone, appliqué work, Ribbon work, lace work, rope work, other decorations and trimmings.

Transaction Mode

Open talk, Team Teaching, Video Based Teaching, Question, Group Discussion

Suggested Readings:

- *Mullick, LataPrem, 2010 Garment Construction Skills, Kalyani Publishers, New Delhi*
- *Hilde Jaffe and Nurie Relis, 2011 Draping for Fashion Design, Prentice Hall Crawford*
- *Amaden, The Art of Fashion Draping, Fairchild Publishers*

Course Name: Garment Ornamentation
Course Code: MFD204

L	T	P	Cr
0	0	4	2

Total Hours: 30

Learning Outcomes:

After completion of this course, the learner will be able to:

1. List the key principles of surface ornamentation, such as pattern repetition and color coordination.
2. Interpret design sketches and patterns to understand how they can be translated into surface ornamentation techniques.
3. Analyze existing textile designs and decorative elements to understand the use of surface ornamentation techniques.
4. Assess the effectiveness of surface ornamentation techniques in achieving specific design objectives, such as texture, pattern, and visual interest.

Course Content

UNIT I

7 hours

Studying the designs and motifs of traditional embroideries of India- phulkari, chicken Kari, kasida, Kantha, Kathiawar, Kutch, Sindhi, Gujarati, Chambarumal

UNIT II

8 hours

Colours, fabric and stitches of the Traditional embroideries of India- phulkari, Chickenkari, kasida, Kantha, Kathiawar, Kutch, Sindhi, Gujarati, Chambarumal
Preparation of samples of the traditional embroideries of India.

UNIT III

7 hours

Designing embroidery patterns from different sources like objects, photographs, nature, greeting cards, posters, surroundings etc., and Creating embroidery patterns designed from different sources, Sequin work

UNIT IV

8 hours

Lace and ribbon work, Decorations and trimming Understanding the processes of Tie and dye, batik printing, screen printing and block Printing. Preparation of samples of all processes of Tie and dye, Preparation of sample of batik printing-wax resistant dyeing, Preparation of a sample with screen printing, Preparation of a sample of block printing.

Transaction Mode

Open talk, Quiz, Video Based Teaching, Question, Group Discussion

Suggested Readings:

- *Shailaja D. Naik 1996 ,Traditional Embroideries of India, A.P. H Publishing Cooperation New Delhi*
- *Sheila Paine, 1990, Embroided Textile, Thames and Hudson Ltd.*
- *Gulrajani M.L., Silk Dyeing, Printing & Finishing.*

Course Name: Draping Methods
Course Code: MFD205

L	T	P	Cr
0	0	4	2

Total Hours: 30

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Recall the basic principles of draping, including the use of dress forms, pins, and fabric manipulation techniques.
2. Apply the knowledge of draping in developing patterns and designs.
3. Interpret and discuss the importance of grainlines and fabric grain in draping.
4. Recognize pattern making principles to create design variations

Course Content

UNIT I

7 hours

Draping of Skirts, Basic Skirt with two darts front and back A- Line skirt with flair.

UNIT II

6 hours

Gathered skirt with yoke, Pleated skirt, Circular skirt

UNIT III

9 hours

Skirt with Frills, Flounces or Ruffles., Draping and stitching any one garment.

UNIT IV **hours**

8

Draping of Pants, Draping of Bustier

Transaction Mode

Open talk, Quiz Video Based, Teaching Question, Group Discussion

Suggested Readings:

- *Helen Joseph- Armstrong, Draping for Apparel Design, Oct. 1999 Publisher: Fairchild Books & Visual.*
- *Connie Amaden – Crawford, The Art of Fashion Draping, 2nd edition (Oct. 1995) Publisher: Fairchild Books, K Visual.*

Course Title: Merchandising & Management
Course Code: MFD206

L	T	P	Cr
0	0	2	1

Total Hours: 15

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Memorize important historical developments and trends in retail and fashion management.
2. Apply retail math principles to calculate metrics like gross margin, sell-through rate, and return on investment.
3. Analyze sales data and financial reports to identify patterns and trends, and make informed merchandising decisions.
4. Innovate and propose new retail concepts or store experiences that cater to changing consumer preferences and industry trends.

Course Contents

UNIT I

3 hours

Introduction to boutique management, Skills required to set up a boutique, Identifying target market and customer, Choice of location and space management.

UNIT II

4 hours

Infrastructure requirement, Staffing-selection of generalists and specialists, Material, sourcing (trims and fabric), Fashion accessories in boutique

UNIT III

3 hours

Boutique interior-visual merchandising and store layout, Customer relationship Management

UNIT IV

5 hours

Boutique marketing tools and promotional kit, Book keeping for boutique and maintaining stock, Project finance, cash control and cash flow analysis, Managing and start up the Boutique Business, Boutique visit, Boutique project report.

Transaction Mode

Open talk, Quiz Video Based, Teaching Question, Group Discussion

Suggested Readings:

- *Helen Joseph- Armstrong, Draping for Apparel Design, Oct. 1999 Publisher: Fairchild Books & Visual.*
- *Connie Amaden – Crawford, The Art of Fashion Draping, 2nd edition (Oct. 1995) Publisher: Fairchild Books, K Visual.*

Course Title: Fashion Merchandising and Marketing**Course Code: MFD207**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Memorize the names and characteristics of common marketing tools and channels used in the fashion industry.
2. Interpret fashion market trends, consumer preferences, and the impact of social and cultural factors on fashion marketing.
3. Apply knowledge of fashion marketing strategies to develop marketing plans and campaigns for fashion brands.
4. Assess the success of fashion marketing campaigns in terms of achieving brand awareness, sales goals, and consumer loyalty.

Course Content**UNIT I****9 Hours**

Define merchandising and its application to the Fashion industry. Explain target market and describe in terms of fashion market. Demographics and psychographics.

UNIT II**12 Hours**

Describe merchandising policies according to: Fashion cycle. Quality of product, Price of product. Depth and breadth of brand.

UNIT III**13 Hours**

Demographics, psychographics and global impacts. Merchandising Policies, Planning and Preparation, Strategies & terminology.

UNIT IV**11 Hours**

Fashion visual merchandising, Element and function of visual merchandising Store exterior, Role of merchandising in fashion industry.

Transaction Mode

Open talk, Video Based Teaching, Question, Group Discussion, Project Based Learning

Suggested Readings:

- *Pooja Chately, 2005 Fashion Merchandising & Marketing, Publisher Kalyani Publisher.*
- *Dickerson, 2007 Fashion from Concept to Consumer Publisher Pearson*

Course Title: Fashion Entrepreneurship
Course Code: MFD208

L	T	P	Cr
3	0	0	3

Total Hours: 45

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Examine historical and current fashion and design influences and their relationship to designers, producers and retailers to make business, forecasting, and design decisions.
2. Analyze ethical, sustainable and innovative leadership practices in the domestic and global fashion industry.
3. Integrate principles of product development, buying and supply chain management to make strategic decisions in the manufacturing, wholesale and retail sectors of the fashion industry.
4. Apply professional sales and customer service techniques to sell and/or promote products through all channels of distribution.

Course Content

UNIT I

11 hours

Entrepreneurship: Theories of Entrepreneurship, Role and Importance of Entrepreneur in Economic Growth.

UNIT II

10 hours

Entrepreneurial Behaviours: Entrepreneurial Motivation, Need for Achievement Theory, Risk-taking Behaviour, Innovation and Entrepreneur.

UNIT III

11 hours

Entrepreneurial Triantis: Definitions, Characteristics of Entrepreneurial Types, Functions of Entrepreneur.

UNIT IV

13 hours

Entrepreneurial Development in India: History, Objectives, Stages of Growth, Target Group, Programmes, Govt. Policy towards SSI's. Project Feasibility Analysis: Business Ideas – Sources, processing; Input requirements, Sources of Financing, Technical Assistance, Marketing Assistance, Preparation of Feasibility Reports, Legal Formalities and Documentation.

Transaction Mode

Open talk, Quiz Video Based, Teaching Question, Group Discussion

Suggested Readings

- *Lall & Sahai : Entrepreneurship, Excel Books*
- *McClelland, D.C. & Winter, W.G. : Motivating Economic Achievement, Free Press.*

- *Pareek, U & Venkateswara Rao, T : Developing Entrepreneurship – A*
- *Handbook on Learning Systems, New Delhi.*

Course Title: Appreciation of Fashion Illustration
Course Code: MFD209

L	T	P	Cr
0	0	4	2

Total Hours: 45

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Recall basic terminology related to fashion illustration, such as croquis, line of action, and rendering.
2. Interpret the historical and cultural context of fashion illustration and its evolving role in the fashion world.
3. Demonstrate proficiency in using different drawing materials and tools for fashion illustration.
4. Generate original fashion illustrations that showcase creativity and mastery of illustration techniques.

Course Content

UNIT I

12 hours

Inspirational designing and presentation, Design studio -designing based on different themes for a fashion show, Listing of all aspects of the show- the background, the lights, the ramp, the accessories, the make-up, the fabric, surface or Titlmentation, etc. Accessory designing and illustration. Illustration of Jewellery using various mediums like pearls, beads, gold and silver diamonds, wood, Wires, velvet, net, etc.

UNIT II

11 hours

Designing and illustration of head gears, Designing and illustration of bags and belts using various mediums like leather, cane, pearls, beads, wires, velvet, net, etc. Designing and illustrating footwear of all types Designing and illustrating bows and ties on varied dresses Illustrating hair styles.

UNIT III

10 hours

Appreciation of Western Fashion, A brief history of any five western designers Collection and illustration of the famous designs of these designers Popular and celebrated shows of these designers, The studios and their expertise of these designers.

UNIT IV

12 hours

Fashion Capitals – France and Milan - the designers, the design houses, the shows, the, Fashion markets, the labels, the institutes, the events, etc. Fashion Capital – London - the designers, the design houses, the shows, the fashion Markets, the labels, the institutes, the events, etc. Fashion Capital–Mumbai- the designers, the design houses, the shows, and the fashion Markets, the labels, the institutes, the

events, etc. Introduction to Fashion photography, Cameras, Lenses and Films. Lighting Equipment and Studio Locations, Fashion Shots.

Transaction Mode

Quiz, Video Based Teaching, Question , Group Discussion ,Team Teaching ,Project Based Learning

Suggested Readings:

- *Sengupta.,Hindol., 2005. Indian Fashion, Pearson Education, New Delhi*
- *Jain, Payal. 2004 Fashion Studies: An Introduction, Har Anand Publication.*

Course Title: Accessories designing
Course Code: MFD210

L	T	P	Cr
0	0	4	2

Total Hours: 45

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Identify different types of accessories components and their functions, such as clasps, jump rings, and earring hooks.
2. Interpret fashion accessories design concepts, such as balance, symmetry, and color harmony, and how they influence the overall aesthetic of a piece.
3. Demonstrate the ability to select appropriate materials and tools for a specific accessories project based on design requirements.
4. Assess the visual and structural aspects of finished accessories pieces, identifying areas for improvement or refinement.

Course Content

UNIT I

12 hours

Fashion accessories- Its types [bags, hats/ millinery, gloves, shoes, belts, neckties, scarves, Jewellery) Drafting and Preparation of above mention accessories.

UNIT II

10 hours

Design and construct jeweler by taking any inspiration. Design and renovate a hand bag according to a particular client.

UNIT III

11 hours

Design and construct a scarf., Design and construct a head gear.

UNIT IV

12 hours

Design Process and Fabric Embellishment, Accessory Design and Styling

Transaction Mode

Quiz , Video Based Teaching , Question , Group Discussion ,Team Teaching ,Project Based Learning

Suggested Readings:

- *Haper kol., 2005. Design Accessories, New Delhi*
- *Carel Hooper. 2008 Accessories Studies: An Introduction.*

SEMESTER-III**Course Title: Research Methodology****Course Code: MFD301**

L	T	P	Cr.
4	0	0	4

Total Hours: 60**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Recall key research terminology and concepts, such as hypothesis, variable, and sample.
2. Summarize the key components of a research proposal, including research questions, objectives, and hypotheses.
3. Implement ethical considerations in the planning and execution of research projects, ensuring the protection of participants' rights.
4. Formulate and propose a research project that addresses a real-world problem or gap in knowledge, demonstrating creativity and innovation in research planning.

Course Content**UNIT I****17 hours**

Research: its concept, nature, scope, need and Objectives of Research, Research types, Research methodology, Research process – Flow chart, description of various steps, Selection of research problem.

UNIT II**16 hours**

Research Design: Meaning, Objectives and Strategies of research, different research designs, important experimental designs, Methods of Data Collection and Presentation: Types of data collection and classification, Observation method, Interview Method, Collection of data through Questionnaires, Schedules, data analysis and interpretation, editing, coding, content analysis and tabulation

UNIT III**14 hours**

Sampling Methods: Different methods of Sampling : Probability Sampling methods , Random Sampling, Systematic Sampling, Stratified Sampling, Cluster Sampling and Multistage Sampling. Non probability Sampling methods, Sample size.

UNIT IV**13 hours**

Report writing and Presentation: Types of reports, Report Format – Cover page, Introductory page, Text, Bibliography, Appendices, Typing instructions, Oral Presentation

Transaction mode

Quiz, Project Based Learning, Video Based Teaching, Group Discussions, Open Talk

Suggested Readings

- *Panneerselvam, R , 'Research Methodology', PHI, New Delhi.*
- *Cooper, D.R.,Schindler,P.S., 'Business Research Methods,' Tata McGraw Hill*
- *Gupta S P,' Statistical Methods', Sultan Chand & Sons, Delhi*
- *Geode, Millian J. & Paul K. Hatl, "Methods in Research", McGraw Hills, New Delhi*
- *Nargundkar R, Marketing Research, Tata McGraw Hill, New Delhi, 2002.*
- *Sekran, Uma, "Business Research Method", Miley Education, Singapore*

Course Title: Research Proposal**Course Code: MFD302**

L	T	P	Cr.
2	0	4	4

Total Hours: 60**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Describe an understanding of the research process, from the development of a research question, through to writing and submitting a research proposal.
2. Demonstrate an understanding of ethics in research and its applicability to the research proposal.
3. Classify knowledge and understanding of the structure, organization and writing style of a research proposal and research ethics application.
4. Evaluate the implications arising from the proposal of a research project.

Course Contents**UNIT I****16 hours**

Research Proposal: need, importance and Steps to prepare a research proposal. Role of Computer and Its application in fashion-oriented research.

UNIT II**14 hours**

Writing of research Paper: Need and Layout of research report. Precautions of writing a research Paper. Significance and Innovation in research

UNIT III**13 hours**

References and its different styles. Ethics in Research. Submission Guidelines and Publication process.

UNIT IV**17 hours**

To write a two Research Papers. One on survey basis and other on Digitalization in Fashion. (Topics can be taken related to some industry, survey, product development or some concern related to fashion). To select a relevant topic for research Paper related to fashion or allied field and formulate a plan of action for the same. Submitting a Research Papers stating the review work, objectives, methodology, summary and conclusion (topics can be taken related to some industry, survey, product development or some concern related to fashion).

Suggested Readings:

- Jackson, S.L. (2010). *Research methods and statistics*. Jacksonville University. New Delhi: Cengage Learning.
- Best, J.W. & Khan, J.V. (1995), *Research in Education*. Prentice Hall of India Pvt. Ltd., New Delhi.

Course Title: Ethics & IPR

Course Code: MFD303

L	T	P	Cr.
2	0	0	2

Total Hours: 30

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Demonstrate different kind of ethics and values.
2. Apply professional ethics in business.
3. Describe the role of IPRs in professional life.
4. Elucidate the importance of patents and copyrights.

Course Contents

UNIT I

7 hours

Ethics: definition, moral philosophy, nature of moral judgements and reactions, scope, Ethics with respect to science and research, Intellectual honesty and research integrity Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP) Redundant publications: duplicate and overlapping publications, salami slicing, Selective reporting and misrepresentation of data, Publication ethics: definition, introduction and importance

UNIT II

8 hours

Introduction to Intellectual Property rights: Concept & theories, Kinds of intellectual Property Rights, Advantages & Disadvantages of IPR, Development of IPR in India, Role & Liabilities of IPRs in India. Rights of trademark-kind of signs used as trademark-types, purpose & functions of a trademark, trademark protection, trademark registration, selecting and evaluating trade mark, trade mark registration process.

UNIT III

8 hours

Digital Ethics: Privacy, data protection, cybersecurity, and online ethics. Ethical Issues in the Use of Artificial Intelligence (AI) and Big Data. Ethical Leadership: Traits, responsibilities, and ethical decision-making in leadership roles. Professional Ethics: Ethical codes and standards in various professions

UNIT IV

7 hours

Bioethics: Ethical considerations in genetic engineering, human subjects research, and healthcare delivery. Ethical Issues in Healthcare: Patient rights, end-of-life

decisions, and access to healthcare. Technology Transfer: Licensing, commercialization, and intellectual property valuation. Open Source and Open Innovation: Ethical considerations and impact on innovation

Transaction mode

Quiz, Project Based Learning, Video Based Teaching, Group Discussions, Open Talk

Suggested Readings

- *Sana Loue, Research Ethics: Theory and Practice,*
- *Jasanoff, S.The Ethics of Invention: Technology and the Human Future*
- *R Subramanian, Professional Ethics, Oxford University Press.*
- *Premvir Kapoor, Professional Ethics and Human Values, Khanna Book Publishing*

Course Title: Proficiency in Teaching**Course Code: MFD304**

L	T	P	Cr.
0	0	4	2

Total Hours: 30**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Memorize ethical guidelines and codes of conduct for educators.
2. Apply principles of instructional design to create effective lesson plans and curricula that align with learning objectives.
3. Evaluate the effectiveness of different teaching strategies in promoting student engagement and achievement.
4. Establish a mentoring or coaching program for educators to promote excellence in teaching and learning.

Course Content**UNIT I****7 hours**

Foundations of Teaching: Introduction to the teaching profession, Pedagogical theories and their application in the classroom, Analyzing diverse learners and their needs, Creating a positive and inclusive learning environment

UNIT II**8 hours**

Instructional Planning and Delivery: Lesson planning: objectives, content, and sequencing, selecting appropriate teaching strategies and methods, differentiating instruction to address student diversity, Technology integration in teaching and learning

UNIT III**7 hours**

Classroom Management and Student Engagement: Establishing classroom rules and routines, promoting student engagement and active learning, managing student behavior and addressing discipline issues, Building positive teacher-student relationships

UNIT IV**8 hours**

Assessment and Feedback: Principles and Types of Assessment in Education, designing effective assessments to measure student learning, providing constructive feedback and promoting student growth, Using assessment data for instructional improvement. Reflective Practice and Professional Development: Reflecting on teaching practices and experiences, engaging in self-evaluation and continuous improvement, Professional development opportunities for teachers, Building a professional teaching portfolio

Transaction Mode

Problem solving learning, blended learning, Gamification, Cooperative learning, Inquiry based learning, Visualization, Group discussion, experiential learning, Active participation

Suggest Reading

- Brookfield, S. D. (1990). *The skillful teacher: On technique, trust, and responsiveness in the classroom*. Jossey-Bass.
- Ambrose, S. A., Bridges, M. W., Lovett, M. C., DiPietro, M., & Norman, M. K. (2010). *How learning works: Seven research-based principles for smart teaching*. Jossey-Bass.
- Major, C. H., Harris, M. S., & Zakrajsek, T. (2016). *Teaching for learning: 101 intentionally designed educational activities to put students on the path to success*. Routledge.
- Angelo, T. A., & Cross, K. P. (1993). *Classroom assessment techniques: A handbook for college teachers*. Jossey-Bass.
- Schlechty, P. C. (2002). *Engaging students: The next level of working on the work*. Jossey-Bass.
- Wong, H. K., & Wong, R. T. (2018). *The first days of school: How to be an effective teacher*. Harry K. Wong Publications.

Course Content: Service Learning**Course Code: MFD305**

L	T	P	Cr.
2	0	0	2

Total Hours: 30**Learning Outcomes:**

After completion of this course, the learner will be able to:

1. Actively participate in community activities to establish connections and build relationships.
2. Assess community needs through research and conversations with community members.
3. Work together with community members and organizations to develop and implement initiatives that address community needs.
4. Reflect on personal growth, community impact, and ethical considerations related to service activities.

Course Content**30 Hours**

This course aims to engage students in meaningful service-learning activities that foster community linking. Students will actively participate in community-based projects, collaborate with community members and organizations, and reflect on the impact of their service activities. Through this experiential learning approach, students will develop a deep Analyzing of community needs, build relationships with diverse stakeholders, and contribute to community development.

In this course, students are expected to have a presence in the community throughout the semester and reflect on their experiences regularly. In these reflections, they use course content as a basis for their analysis and Analyzing of the key theoretical, methodological and applied issues at hand.

Transaction Mode

Problem solving learning, blended learning, Gamification, Cooperative learning, Inquiry based learning, Visualization, Group discussion, experiential learning, Active participation

Suggest Reading

- *"Service-Learning in Higher Education: Concepts and Practices"* by Barbara Jacoby.
- *"Learning Through Serving: A Student Guidebook for Service-Learning and Civic Engagement Across Academic Disciplines and Cultural Communities"* by Christine M. Cress, Peter J. Collier, and Vicki L. Reitenauer.
- *"Reflection: Turning Experience into Learning"* by David Boud, Rosemary Keogh,

and David Walker.

- *"The Community Engagement Professional in Higher Education: A Competency Model for an Emerging Field" by Lina D. Dostilio.*

Course Content: Computer Lab**Course Code: MFD306**

L	T	P	Cr.
0	0	4	2

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Recall and identify key computer hardware components, such as CPU, RAM, and storage devices.
2. Demonstrate proficiency in using common software applications, such as word processors or web browsers.
3. Analyze and troubleshoot common computer hardware and software issues.
4. Assess the security risks and measures associated with computer usage, including data protection and online safety.

Course Content**30 hours**

Generating Charts/Graphs in Microsoft Excel, Power Point Presentation, Creating a new document with templates & Wizard, Word basics, Thesis Writing Formats & Scientific editing tools. Style Formats (MLA & APA). Using Words Drawing Features, Inserting Tables – (Adding, deleting, modifying rows and columns - merging & splitting cells), Using formulas in tables, Converting text to table and vice-versa, Mail Merge tool. Managing Workbooks, Working with Worksheets

Transaction mode

Quiz, Project Based Learning, Video Based Teaching, Group Discussions, Open Talk

Suggested Readings

- Leon & Leon, "Introduction to Computers", Vikas Publishing House, New Delhi
- Saxena S., "MS Office Xp for Everyone", Vikas Publishing House, New Delhi, 2007
- June Jamrich Parsons, "Computer Concepts", Thomson Learning, 7th Edition, Bombay
- White, "Data Communications & Computer Network", Thomson Learning, Bombay
- Comer, "Computer networks and Internet", Pearson Education, 4

Course Content: Internship (6 weeks)**Course Code: MFD307**

L	T	P	Cr.
-	-	-	6

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Demonstrate practical and professional skills to operate the industrial machinery and equipment of garment construction and will be able to manage work.
2. Critique the quality of one's own work and contributions during the internship, identifying areas of strength and areas for improvement.
3. Reflect on personal and professional growth during the internship, identifying future goals and career development opportunities.
4. Compile and maintain records of internship-related activities, tasks, and experiences.

Course Content

The Internship course is a 6-week program that offers students or recent graduates the opportunity to gain practical work experience in their field of study. The course is designed to provide students with hands-on experience working in a professional environment, allowing them to apply their knowledge and skills to real-world situations. Through this program, students will have the opportunity to work with experienced professionals and gain exposure to various industries, while also developing their communication, time management, and teamwork skills.

Transaction Mode

Peer Demonstration, Field Visit, Role Play

Note: Students will go undergo internship during the summer vacation

SEMESTER-IV**Course Content: Dissertation****Course Code: MFD401**

L	T	P	Cr.
-	-	-	20

Learning Outcomes:

After completion of this course, the learner will be able to:

1. Develop advanced research skills, including literature review, data collection, analysis, and interpretation, to investigate a specific research question or problem.
2. Apply critical thinking and analytical skills to evaluate existing literature, theories, and methodologies, and generate new insights or perspectives within the chosen research area.
3. Analyze effective communication skills by presenting research findings and arguments in a clear, coherent, and well-structured dissertation, adhering to academic writing conventions.
4. Plan, manage, and execute an independent research project, demonstrating self-motivation, time management, and organizational skills throughout the dissertation process.

Course Content

The Dissertation course is designed to provide students with comprehensive guidance and support throughout the process of conducting independent research and writing a dissertation. Through this course, students will acquire advanced research skills, develop critical analysis abilities, and effectively communicate their research findings. The course will emphasize the importance of independent project management and provide extensive guidance on research methodologies, data analysis techniques, and academic writing conventions.

Transaction Mode

Field work, Mentoring, Discussion