



**Scheme of Instructions & Syllabi
of
Bachelor of Science
in
Fashion Design
(Effective from session 2025-26)**

Total Credit of the Program

Semester	I	II	III	IV	V	VI	Total
Credits	20	20	20	20	20	16	116

Ms. Shewali Sahay
HOD, Fashion Design

Prof. Y. D. S Arya
Vice Chancellor

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Dean, Faculty of Science

Faculty of Science
INVERTIS UNIVERSITY
Bareilly-243123 U.P.

B.Sc. Fashion Design Vision and Mission

VISION

To sculpt young minds with design thinking, instill passion and flare for designing and help aspiring students to become successful designers, entrepreneurs, and industry ready professionals.

MISSION

The mission of Fashion, Design and Arts department is to provide education with innovative curriculum, up-to-date technology, pedagogy, industry & foreign collaborations, while pioneering in experimenting and nurturing creativity by incorporating both classic and innovative design concepts.

PROGRAM OUTCOMES(POs):

Program Outcomes		
PO1	Fashion Design knowledge	Apply the knowledge of pattern making, fabric science, designing fundamentals, and an design specialization to the solution of complex design problems.
PO2	Problem analysis	Identify, formulate, review research, and analyze complex Design problems reaching substantiated conclusions using first principles of, natural sciences, and manmade sciences.
PO3	Design / development of solutions	Design solutions for complex design problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	Conduct investigations of complex problems	Use research-based knowledge and research methods including design process, analysis and interpretation of design elements, and synthesis of the information to provide valuable product.
PO5	Modern tool usage	Create, select, and apply appropriate techniques, resources, and modern machineries and digital software including prediction and modeling to complex designing activities with an understanding of the limitations.
PO6	The Designer and society	Understand the impact of the professional designing solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO7	Environment and sustainability	Apply ethical principles and commit to professional ethics and responsibilities and norms of the Designing practice.
PO8	Ethics	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO9	Individual and teamwork	Demonstrate knowledge and understanding of the designing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

STUDY AND EVALUATION SCHEME

B. Sc. in Fashion Design

(Effective from session 2025 - 26)

YEAR I, SEMESTER I

COURSE CODE	COURSE TITLE	COURSE CATEGORY	HOURS			EVALUATION SCHEME		SUBJECT TOTAL	CREDIT
			L	T	P	CA	EE		
BFD101	History of Fashion-I	CC	4	0	0	30	70	100	4
BFD102	Fashion Studies	CC	4	0	0	30	70	100	4
BFD151	Basic Drawing & Sketching	GE	0	0	4	15	35	50	2
BFD 152	2D and 3D sketching								
BFD153	Flat Pattern Making-I	CC	0	0	4	15	35	50	2
BFD154	Garment Construction-I	CC	0	0	4	15	35	50	2
BFD155	Fashion Art Illustration-I	SEC	0	2	2	25	50	75	3
BFD156	Elements of Design-I	CC	0	1	2	15	35	50	2
BFD157	Computer Applications	AECC	0	0	2	10	15	25	1
TOTAL			8	3	18	155	345	500	20
L - Lecture, T - Tutorial, P - Practical, CA - Continuous Assessment, EE - End Semester Exam									

Note: CC- Core courses, AECC- Ability enhancement course, SEC-Skill enhancement course, DSE – Discipline specific elective, * GE - Elect any one from the prescribed, DSE -elect any two from the prescribed

L=Lecture, T =Tutorial, P= Practical, CA=Continuous Assessment, EE= End Examination.

YEAR I, SEMESTER II

COURSE CODE	COURSE TITLE	COURSE CATEGORY	HOURS			EVALUATION SCHEME		SUBJECT TOTAL	CREDIT
			L	T	P	CA	EE		
BFD201	History of Fashion-II	CC	4	0	0	30	70	100	4
BFD202	Fundamental of Textiles	CC	4	0	0	30	70	100	4
BFD203	Traditional Indian Textiles	SEC	4	0	0	30	70	100	4
BFD251	Soft Skills	AECC	0	0	2	10	15	25	1
BFD252	Flat Pattern Making-II	CC	0	0	4	15	35	50	2
BFD253	Garment Construction-II	CC	0	0	4	15	35	50	2
BFD254	Elements of Design-II	CC	0	0	2	10	15	25	1
BFD255	Dyeing and Printing	SEC	0	0	2	10	15	25	1
BFD 256	Fashion Vector Graphics	GE	0	0	2	10	15	25	1
BFD 257	Coral draw								
TOTAL			12	0	16	155	345	500	20
L - Lecture, T - Tutorial, P - Practical, CA - Continuous Assessment, EE - End Semester Exam									

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YEAR II, SEMESTER III

COURSE CODE	COURSE TITLE	COURSE CATEGORY	HOURS			EVALUATION SCHEME		SUBJECT TOTAL	CREDIT
			L	T	P	CA	EE		
BFD301	Fashion Forecast	CC	4	0	0	30	70	100	4
BFD302	World Art and Culture	AECC	4	0	0	30	70	100	4
BFD303	Entrepreneurship	AECC	4	0	0	30	70	100	4
BFD351	Fashion Art and Design	CC	0	0	2	10	15	25	1
BFD352	Advanced Pattern Making-I	CC	0	0	4	15	35	50	2
BFD353	Kid's Wear	SEC	0	0	4	15	35	50	2
BFD354	Fashion Photography	GE	0	0	2	10	15	25	1
BFD355	Photo Editing								
BFD356	Surface Ornamentation	DSE	0	0	2	10	15	25	1
BFD357	World Famous Paintings								
BFD358	Textiles								
BFD359	Digital Design	CC	0	0	2	10	15	25	1
TOTAL			12	0	16	160	340	500	20
L - Lecture, T - Tutorial, P - Practical, CA - Continuous Assessment, EE - End Semester Exam									

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YEAR II, SEMESTER IV

COURSE CODE	COURSE TITLE	COURSE CATEGORY	HOURS			EVALUATION SCHEME		SUBJECT TOTAL	CREDIT
			L	T	P	CA	EE		
BFD401	Fashion Marketing and Merchandising	GE	2	0	0	15	35	50	2
BFD402	Apparel Industrial Management								
BFD403	Fabric Studies	DSE	4	0	0	30	70	100	4
BFD404	Fundamentals of Textile Design and Finishes								
BFD405	Textile Science and Care								
BFD406	Industrial Learning and Internship	AECC	4	0	0	30	70	100	4
BFD451	Off Loom Techniques	SEC	0	0	2	10	15	25	1
BFD452	Advanced Pattern Making-II	CC	0	0	4	15	35	50	2
BFD453	Women's Wear	SEC	0	0	4	15	35	50	2
BFD455	Accessory Design	GE	0	0	2	10	15	25	1
BFD456	Jewelry Design								
BFD457	Minor Project	CC	0	2	4	4	30	70	4
TOTAL			10	2	16	155	345	500	20
L - Lecture, T - Tutorial, P - Practical, CA - Continuous Assessment, EE - End Semester Exam									

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YEAR III, SEMESTER V

COURSE CODE	COURSE TITLE	COURSE CATEGORY	HOURS			EVALUATION SCHEME		SUBJECT TOTAL	CREDIT
			L	T	P	CA	EE		
BFD501	Visual Merchandising	GE	4	0	0	30	70	100	4
BFD 502	Retail management								
BFD 503	Organizational Behavior	AECC	4	0	0	30	70	100	4
BFD504	Environmental Science	AECC	2	0	0	15	35	50	2
BFD551	Product Development	SEC	0	0	4	15	35	50	2
BFD552	Men's Wear	CC	0	0	4	15	35	50	2
BFD553	Functional Clothing	CC	0	0	4	15	35	50	2
BFD554	Draping Techniques	CC	0	0	4	15	35	50	2
BFD555	Grading	CC	0	0	2	10	15	25	1
BFD556	Summer Internship Report	AECC	0	0	2	10	15	25	1
TOTAL			10	0	20	155	345	500	20
L - Lecture, T - Tutorial, P - Practical, CA - Continuous Assessment, EE - End Semester Exam									

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L=Lecture, T =Tutorial, P= Practical, CA=Continuous Assessment, EE= End Examination.

YEAR III, SEMESTER VI

COURSE CODE	COURSE TITLE	COURSE CATEGORY	HOURS			EVALUATION SCHEME		SUBJECT TOTAL	CREDIT
			L	T	P	CA	EE		
BFD601	Human Values & Ethics	AECC	4	0	0	30	70	100	4
BFD651	Graduation Design Collection	CC	0	0	16	50	150	200	8
BFD652	Portfolio	CC	0	1	2	15	35	50	2
BFD653	Material Studies	CC	0	1	2	15	35	50	2
TOTAL			4	2	20	110	290	400	16
L - Lecture, T - Tutorial, P - Practical, CA - Continuous Assessment, EE - End Semester Exam									

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L=Lecture, T =Tutorial, P= Practical, CA=Continuous Assessment, EE= End Examination.

BFD101: HISTORY OF FASHION-I

Teaching Scheme	Examination Scheme
Lectures: 4 hrs/Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD201 History of Fashion-II, BFD351 Fashion Art and Design – I, BFD451 Fashion Art & Design-II, BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge of history of Indian clothing with different periods
2. To give an overview of different methods of period's clothing
3. To explain the difference between Indian and International fashion history
4. To describe all textile and jewelers of different periods
5. To give the knowledge of impotence of clothing

Detailed Syllabus:

Unit I: Origin of clothing theories
Protection, Modesty and Adornment of clothing
Unit II: Indus valley civilization & Vedic Period
Indus valley civilization: Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles, and footwear of Indus Valley. Vedic Period: Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles, and footwear of Vedic Period.
Unit III: Clothing during the rise of Sunga Period & Kushan Period
Sunga Period: Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles, and footwear of Sunga Period. Kushan Period: Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles, and footwear of Kushan Period.
Unit IV: Satvahana Period & Gupta Period
Satvahana Period: Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles, and footwear of Satvahana Period. Gupta Period: Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles and footwear of Gupta Period.
Unit V: Mughal Empire, Rajput Empire & British Raj
Mughal Empire: Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles and footwear of Mughal Empire. Rajput Empire: Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles and footwear of Rajput Empire.

British Raj: Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles and footwear of British Raj.

Course Outcomes:

After completing the course, students will be able to:

1. To remember the different types of clothing of men and women.
2. To understand the style features of various fashionable accessories.
3. To apply about the different terminology related to historical fashion styles.
4. To analyze the different ancient fabrics and textiles.
5. Evaluate the basic themes, concepts, chronology, and the Scope of Indian History of fashion
6. To create the history of countries other than India with comparative approach.

Suggested Readings

1. Ancient Indian Costumes, By RoshanAlkazi
2. The history of costumes, By Blanche Dayne, GeilelWinakor& Jane Farrell –Beck

BFD102: FASHION STUDIES

Teaching Scheme	Examination Scheme
Lectures: 4 hrs/Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD101/201 History of Fashion-II, BFD 155-Fashion art & Illustration, BFD 301- Fashion Forecast, BFD351- Fashion Art and Design – I, BFD 153/252/352/452- Flat Pattern Making, BFD 154/253- Garment construction, BFD 353-Kids Wear, BFD 453 women's wear, BFD 456-Jewellery Design, BFD 455 Accessory Design, BFD 552-Men's Wear, BFD 553-Functional Clothing, BFD 554-Draping Techniques, BFD456 Minor Project, BFD651 Graduation Design Collection.

Course Objectives:

1. To obtain basic knowledge on Fashion and Fashion terminology
2. To obtain the knowledge of revolutionary movement of fashion
3. To obtain knowledge on fashion designers
4. To understand the concept of fashion as a socio-cultural phenomenon
5. To understand the role of fashion in media, sports, movies, and various other fields.
6. To understand the various theories and terminology used in fashion world

Detailed Syllabus:

Unit I – Introduction to Fashion
Introduction to fashion, Fashion as a socio-cultural phenomenon Factors affecting fashion- Social, Political, Technological, Geographical, Demographical, Psychographic, Lifestyle changes
Unit II – FASHION & CULTURE
Fashion & Culture High culture (Fine art, Literature, Classical Music, Theatre) Pop culture (Television, Pop Music, Movies, celebrity culture) Low culture (Activities pursued by “Special – interest – groups” outside the mainstream e.g. skateboarding) Study fashion in relation with Modernity and Technological advancement; Street styles – “the Bubble up effect”; industrialization and consumption; globalization
Unit III : Theories of Fashion & Fashion Terminology
Fashion theory – Trickle up, Trickle down and Trickle across Fashion Cycle - Classic, FAD, Trend, Style, Fashion product Fashion Seasons – International market and Indian market Fashion Terminologies - Design, Prototype, Manufacturing, Product Launch, Retail store, Couture, RTW, Mass-produced, Fashion Designer, Stylist, Fashion Journalist, Fad, Fit, Pattern, Size label, Care label, Laundering, Fashion Shows, Catwalk, Fashion Magazines, Webzines, Social Media, Lingerie, Longue wear, Fragrance, endorsement, Model, Mannequin, Merchandise & Fashion seasons.
Unit – IV: Designer Study
Indian designers – Sabyasachi, Manish Malhotra, Manish Arora, Ritu Kumar and Anita Dongre I nternational designers – Alexander McQueen, Coco Chanel, Donatella Versace, Giorgio Armani, Yohji Yamamoto

Unit V - Fashion Brands & Icons
Fashion Brands Fashion capitals, Fashion Icons and Role of Fashion in Movies, Sports, Politics
Unit VI - LAB / MINI PROJECT/FIELD WORK

Course Outcomes:

After completing the course, students will be able to:

1. To remember or identify the various basic knowledge on fashion and fashion terminology
2. To learn about the various revolutionary movement and the impact in the world of fashion
3. To implement the knowledge related to fashion with the help of case studies of fashion designers
4. To analyze the concept of fashion as a social-cultural phenomenon
5. To evaluate the different theories and terminology in fashion industry
6. To create the awareness and role of fashion in media, sports, movies and various other fields

Suggested Readings:

- Gini Stephen Frings (2007), Fashion Concept to Consumer, Pearson
- Elaine Stone (2013), Dynamics of Fashion, Fair Child Books
- Fred Davis (2002), Fashion, Culture and Identity, University of Chicago Press
- On Trend – The Fashion Series - <http://www.deborahweinswig.com/wp-content/uploads/2017/02/From-Runway-To-Checkout-February-1-2017.pdf>
- Fashion Studies –Textbook
http://cbseacademic.in/web_material/doc/fashion_studies/3_XII_Text_Book.pdf
- Fashion & Style - http://www.gov.pe.ca/photos/original/4hsk_fashionRG.pdf
- <https://www.mooc-list.com/course/management-fashion-and-luxury-companies-coursera>
- <https://www.mooc-list.com/course/fashion-style-icons-and-designing-historical-elements-kadenze>
- Different types of Culture around the world
- National and International fashion designers

BFD151: BASIC DRAWING & SKETCHING

Teaching Scheme	Examination Scheme
Practical: 4 hrs/Week	Class Test -6 Marks
Tutorials: Nil	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 152 2D & 3D sketching, BFD155- Fashion art and illustration-II, BFD156/254- Element of Design, BFD 457 Minor project, BFD 651 Graduation Design Collection.

Course Objective:

1. To give complete knowledge of basic of drawing, sketching, and coloring tools.
2. To give an overview of different methods of 3D and perspective drawing with their different types.
3. To explain the concept of composition making and their elements.
4. To give knowledge of use and techniques for different medium of colors
5. To give knowledge about rendering of an object.

Detailed Syllabus:

Unit I: Introduction to Basics of drawing
<ol style="list-style-type: none">1. Material, and tools used for drawing, how to choose location, position, set-up and gesture for drawing.2. Doodling, Free hand drawing, composition.3. Methods to use different art supplies and their uses.
Unit II: 2D and 3D Drawing
<ol style="list-style-type: none">1. Introduction to 2D and 3D Drawing2. Types of 2D and 3D Drawing3. Different views of 2D and 3D Drawing on paper4. Surface Model: - Making solid 2D and 3D model with the help of wire, soap, chart paper etc.5. Rendering of 2d and 3d surface.6. Making one project based on 2d and 3d drawing and modelling.
Unit III: Different Perspective, and thier use in Drawing
<ol style="list-style-type: none">1. Introduction to perspective of a Drawing.2. Different types of perspective3. Composition based on perspective drawing.
Unit IV: Shading Techniques
<ol style="list-style-type: none">1. Introduction to shading techniques2. Types of shading techniques3. Tools and material used for shading techniques.4. Indoor and outdoor composition (any/one)
Unit V: Gestal Theory
<ol style="list-style-type: none">1. Introduction to Gestal theory.2. Types of Gestal theory and its implementation.3. Composition based on the theory.

Course Outcomes:

1. To remember various tools & material used for Drawing
2. To understand the different techniques or methods of Basic Drawing.
3. To apply the technique of drawing in drawing
4. To analyze the principles of design and its application in the fashion industry.
5. Evaluate the theories & their appropriate use according to design elements & principles.
6. To create various compositions and project based on different methods of basic drawing

Suggested Readings

1. Scott Robertson's renowned book How to Render.
2. Lessons on Shading by W. E. Sparkes.
3. Art Fundamentals: Color, Light, Composition, Anatomy, Perspective, and Depth Paperback – September 3, 2013 by Gilles Beloeil (Author), Andrei Riabovitchev (Author), Roberto F Castro (Author), 3dtotal Publishing
4. Norling's Perspective Made Easy
5. The Art of Perspective is a much newer book that takes a different route on teaching perspective. Author Phil Metzger.

Note: Latest edition of readings may be used

BFD152: 2D AND 3D SKETCHING

Teaching Scheme	Examination Scheme
Practical: 4 hrs/Week	Class Test -6 Marks
Tutorials: Nil	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD252- Flat pattern making-II, BFD251- Fashion art and illustration-II, BFD254- Element of Design -II, BFD 456 Minor project, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge of basics of drawing, sketching, and coloring tools.
2. To give an overview of different methods of 3D and drawing with their different types.
3. To explain the concept of composition making and its elements.
4. To give knowledge of different medium of colors with their use and techniques.
5. To give knowledge about the perspective rendering of an object.

Detailed Syllabus:

Unit I: Introduction to Technical Drawing
<ol style="list-style-type: none">1. Projection of 2D and 3D drawing2. Parametric Modeling3. Geometrical construction on paper4. Geometrical construction in 3D
Unit II: 2D and 3D Drawing
<ol style="list-style-type: none">1. Introduction to 2D and 3D Drawing2. Types of 2D and 3D Drawing3. Different views of 2D and 3D Drawing on paper4. Surface Model: - Making solid 2D and 3D model with the help of wire, soap, chart paper etc.5. Rendering of 2D and 3D surface.6. Making one project based on 2D and 3D drawing and modelling.
Unit III: Different Perspectives and their use in Drawing.
<ol style="list-style-type: none">1. Introduction to perspective of a drawing.2. Different types of perspectives3. Composition based on perspective drawing
Unit IV: Shading Techniques
<ol style="list-style-type: none">1. Introduction to shading techniques2. Types of shading techniques3. Tools and material, used for shading techniques.4. Indoor and outdoor composition (anyone)

Course Outcomes:

After completing the course, students will be able to:

1. To remember the various techniques or methods of Basic technical Drawing.
2. To understand about the various tools and equipment's used for 2d and 3d Drawing.
3. To apply how we can creatively display our work in proper proportion.
4. To analyze the principles of geometrical drawing and its application in the fashion industry.
5. Evaluate the different elements of design features and their appropriate use according to space and material available.
6. To create the observation and calculative power of the students.

Suggested Readings

1. Norling's Perspective Made Easy
2. The Art of Perspective is a much newer book that takes a different route on teaching perspective. Author Phil Metzger.
3. Author Bert Dodson first published Keys to Drawing.
4. Geometrical Drawing A Collection of Plates for Practical Use in Elementary Mechanical Drawing by *Ferdinand Schraidt*

Note: Latest edition of readings may be used

BFD153: FLAT PATTERN MAKING-I

Teaching Scheme	Examination Scheme
Practical: 4 hrs/Week	Class Test -6 Marks
Tutorials: Nil	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 252 Flat Pattern making-II, BFD 352, BFD 452 Advance Pattern Making -I and II, BFD 552 Men's Wear, BFD 651 Graduation Design Collection

Course Objective

1. To give complete knowledge of pattern making and different tools and equipment's use.
2. To give an overview of different methods of pattern making for basic garments and their elements
3. To explain the difference between the pattern of different sleeves
4. To give knowledge of patterns of different variations of collars
5. To explain the difference between dart and dart less children's garments

Detailed Syllabus:

Unit I: Introduction to pattern making.
Definition of pattern making Pattern making methods: Type of patterns, basic pattern set, landmark terms, Symbol and Keys Pattern making Terms Fabric terms
Unit II: Basic elements to make patterns
Pattern making Terminology, Standard body measurements, Measuring form and modal Tools & equipment's used for making pattern: Measuring, marking, cutting, finishing tools. Giving details in pattern- grain, notches, style marks, dart marks, balance marks, seam allowances, turnings etc.
Unit III: Basic Pattern set Terminologies
Front and back Bodice
Unit IV: Pattern making of basic skirt block: dart less and with dart patterns
Unit V: Pattern making of basic sleeve and its variation
Introduction: Development of basic sleeve block, Sleeve Terminology: Sleeve length variation, Types of sleeves: Set-in-sleeves, Puff at crown, Short and Long Lantern, Bishop, Bell, Lego-mutton sleeve; Grown on sleeve-Kimono, Raglan
Unit VI: Pattern making of Collars

Introduction to collars

Collar: Terminology and classifications

Types of sleeve: Flat Peter Pan collar, Roll Peter pan collar, Mandarin collar, Flat sailor's collar, Shawl collar, men's shirt collar

Course Outcomes:

After completing the course, students will be able to:

1. To remember the various techniques or methods of pattern making.
2. To understand the symbols and keys and notation.
3. To apply about the various tools and equipment's used for pattern making.
4. To analyze how body measurements are taken.
5. Evaluate differentiate between dart and dart less bodices, skirt pattern and types of sleeves and collar.
6. To create the different elements of design features and their appropriate use according to garment style.

Suggested Readings

1. Armstrong, H.J., "Pattern making for fashion design", Pearson, 5th edition 2018.
2. Holman, G., "Pattern cutting made easy: A Step-by-Step Introduction, 2013
3. Cooklin, G., "Pattern cutting for women's outerwear", 1994
4. Rajput, C., A professional Approach to Garment Construction and Pattern Making (Fashion Designing), 1st edition, 2001.

Note: Latest edition of readings may be used

BFD154: GARMENT CONSTRUCTION-I

Teaching Scheme	Examination Scheme
Practical: 4 hrs/Week	Class Test -6 Marks
Tutorials: Nil	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 253, BFD 353, BFD 452, BFD553 Garment Construction-I, II, III, IV, BFD 552 Men's Wear, BFD 651 Graduation Design Collection

Course Objective

1. To give complete knowledge about the working of different sewing machine
2. To give knowledge about the tools and equipment's use in cutting and stitching.
3. To explain how the design, pattern and construction of garments are correlated.
4. To explain the use of different needles and stitches according to the fabric and garment.
5. To explain the difference between hand and machine stitches
6. To give actual demonstration: how to work on sewing machine with different embroidery stitches.

Detailed Syllabus:

Unit I: Introduction to garment construction:
Definition, basic terminologies; fabric terms, sewing terms and importance of garment construction in fashion industry.
Unit II: Relationship amongst design, pattern making and garment Construction
Unit III: Tools & equipment's used in garment construction
Measuring, marking, cutting, sewing, finishing. Sewing machine: Its parts and their functions
Unit IV: Knowledge of size of needle, threads, and stitches according to the Fabric
Unit V: Types of stitches
Running, Basting, slip stitch, Hemming (visible/ invisible), Back stitch, Overcasting, Catch stitch, Buttonhole & button attachment
Unit VI: Sewing demonstration
Machine practice (paper/ fabric), Motif designing using sewing machine

Course Outcomes:

After completing the course, students will be able to:

1. To remember the various terms related to sewing.
2. To understand the working of sewing machine and its parts.
3. To apply about the various tools and equipment's used for garment construction.

4. To analyze the basic relation between design, its pattern and construction.
5. Evaluate between hand and machine stitches and knowledge of how to operate and work on industrial sewing machine.
6. To create Knowledge of selection of needle, thread, and stitches according to fabric type and garment

Suggested Readings

1. Editor of Reader Digest., “A New complete guide to sewing”, 2010.
2. Muller, C., “The Timeline of World Costume: From Fig Leaf to Street Fashion”, 1993, 01 edition, Thames & Hudson Ltd.
3. Peacock, J., “The Chronicle of Western Costume: From the Ancient World to the Late Twentieth Century”, 2019., 01 edition Thames and Hudson Ltd.
4. Johnston, L ., “19th-Century Fashion in Detail: 1800 - 1900 (Victoria and Albert Museum)” 2016., 01 edition., Thames and Hudson Ltd.
5. Beukel, D.V., “A Pictorial History of Costume (Pepin Press Design Books)” 1998, 1st Edition, Pepin Press.

BFD155: FASHION ART ILLUSTRATION I

Teaching Scheme	Examination Scheme
Practical: 2 hrs/Week	Class Test -10 Marks
Tutorials: 2 hrs/week	Teachers Assessment – 5 Marks
Credits: 3	Attendance – 10 Marks
	End Semester Exam – 50 marks

Prerequisite: BFD255- Fashion Model Drawing, BFD456- Minor Project, BFD651- Graduation Design Collection

Course Objective:

1. To give complete knowledge of basics of fashion illustration and its use.
2. To give an overview of different principles of good design.
3. To give knowledge about different fashion styles and accessories available in fashion world.
4. To give knowledge of different rendering medium and techniques.
5. To give knowledge about the different types of Fashion Croquis.
6. To give knowledge about expressing your fashion ideas on paper.

Detailed Syllabus:

Unit I: Introduction to Fashion Illustration
Changes in fashion illustration styles and proportion over the centuries. The role of fashion illustration as a mode of expression and representation for contemporary apparel styles and trends.
Unit II: Basic gesture drawing
Consideration of aesthetic, structural and functional aspects, general principles of fashion <ul style="list-style-type: none">• Illustration, concept development, categories of fashion apparels.• Make stick figures in different poses.• Make geometric figures. Next print blocking the human body.• Bodyline reading through different poses.
Unit III: Fleshed figure
Unit IV: Drawing features
Face analysis: Draw basic features like eyes, nose, ear, lips, face, hands, arms, feet, legs and hairstyles.
Unit V - The Fashion Figure
Fashion figure - The Greek Canon , 8½, 10 and 12 heads, front, back and ¾ profiles

Course Outcomes:

After completing the course, students will be able to:

1. To recognize the various techniques or methods of basic Fashion Illustration.
2. To understand about the various tools and equipment's used for Fashion illustration.
3. To analyze the concept of different fashion style available.
4. To apply the principles of design and its application in the fashion industry.
5. To evaluate the different elements of design features and their appropriate use according to the current fashion trends.

6. To create the understanding how we can present our idea on paper first.

Suggested Readings

- Fashion Illustration, Anna Kiper, David & Charles Book, 2011
- 2.
- Fashion Illustration Children, Patric, John Ireland, BT Bastford Ltd, 2005
- New Fashion Illustration (New Illustration Series) English, Paperback, Martin Dawber 2006
- History of Fashion Illustration
- Fashion Illustrators

Additional E BOOKS:

Fashion Sketch Book

http://msvetterochs.weebly.com/uploads/4/0/3/8/40384243/sketching_garments_&_details_.pdf

<https://www.udemy.com/learn-to-draw-fashion-with-adobe-illustrator-cc-beginners/?siteID=SAyYsTvLiGQ-uausPN8UukNxyGp.fl egTA&LSNPUBID=SAyYsTvLiGQ>

<https://www.milanfashioncampus.eu/fashion-illustration>

Note: Latest edition of readings may be used

BFD156: ELEMENT OF DESIGN-I

Teaching Scheme	Examination Scheme
Practical: 2 hrs/Week	Class Test -6 Marks
Tutorials: 1hrs/week	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD251 Fashion Art Illustration-II, BFD254 Elements of Design-II, BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objectives:

1. To give an overview of elements of design.
2. To give complete knowledge of different types of lines and colors.
3. Overview about knowledge of different textures made by different techniques.
4. Explain the difference between tint, tone and shade.
5. To describe all color schemes and placement of design.
6. To give the knowledge of motifs.

Detailed Syllabus:

Unit I –Elements of Design
Introduction to Visual Language, Lines, Shape, Colour, Form, Motion, Texture, Pattern, Orientation, Scale, Angle, Space &Proportion
Unit II – Principles of Design
Balance, Contrast, Emphasis, Proportion, Rhythm, Unity ,Movement, Gradation
Unit – III: Colour
Basics of Colour (Hue, Value, Intensity), Flat Application of colours, Colour schemes- Monochromatic, analogous, complementary, split complementary, triad colour scheme, warm, cool, neutral colours, Colour composition- Colour mixing (visually identifying the percentage of hues in a colour and generation of the same. Colour interaction- Interaction of colour wavelengths, its effect on visual perception.
Unit – IV : Colour and Mood
Psychology of colour, emotions attached to colours and its application in our environment
Unit V - Process of Ideation
Process of ideation- Brainstorming, Design thinking process, Integration of elements and principles of design to develop a product.
LAB / MINI PROJECT/FIELD WORK

Course Outcomes:

After completing the course, students will be able to:

1. Learn to recognize the different types of lines and color. used in creating the design
2. To remember the style features of design and motifs.
3. Figure out all texture by using techniques.

4. To apply the all elements by using the various techniques
5. To understand the all knowledge of placement of design with motifs?
6. To understand the knowledge of 2d and 3d shape?

Suggested Readings

- Elements of Design: Rowena Reed Kostellow and the Structure of Visual Relationships, Gail Greet Hannah, 2002
- Basic Principles of Design, Manfred Maier, Vol. 1-4
- Comdex Fashion Design, Vol I, Fashion Concepts, Navneet Kaur, Vikas Pub, 2010
- <http://www.edb.utexas.edu/minliu/multimedia/PDFfolder/DESIGN~1.PDF>
- Fashion Studies –Textbook
http://cbseacademic.in/web_material/doc/fashion_studies/3_XII_Text_Book.pdf
- <https://iversity.org/en/courses/design-101-or-design-basics>

Note: Latest edition of readings may be used

BFD157: COMPUTER APPLICATION

Teaching Scheme	Examination Scheme
Practical: 2 hrs/Week	Class Test -4 Marks
Tutorials: Nil	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 251 Soft Skill, BFD 256 Fashion vector Graphics, BFD257 Coral Draw, BFD 359 Digital Design, BFD 354 Fashion Photography, BFD355 Photo Editing, and BFD556 Summer Internship.

Course Objectives:

1. To give complete knowledge about the computer basics.
2. To give knowledge about the working of internet and social media and mailing website
3. To explain the working and functions of Microsoft word.
4. To explain the function and working of excel and power point.
5. To give knowledge about the different type of scanning techniques.
6. To give knowledge for preparing documents, artwork, report, application etc.

Detailed Syllabus:

Unit I: Computer Orientation
Introduction to Computer Hardware& Software: Parts of a computer, External Storage Device, RAM, ROM, System Software, Application Software, Computer Peripherals, Viruses, Anti-Virus software, Spyware, Preventive measures Introduction to the Internet: The role of Internet in design process flow, Internet Browsers, Internet Tools, Search Engines, how to make Id on social media and professional mailing sites.
UNIT II: Microsoft Word
Using templates to create new documents, Creating and editing text, Formatting text, pages, and paragraphs, Adding headers, footers and page numbers, Applying styles and themes to documents , Creating bulleted and numbered lists , Working with tables, macros and building blocks , Illustrating documents , Proofing, reviewing, and printing documents
Unit III: Microsoft Excel
Working with the Excel interface, Entering data, Formatting rows, columns, cells and data , Working with alignment and text wrap , Creating formulas and functions , Finding and replacing data , Printing and sharing worksheets , Creating charts and PivotTables Inserting and deleting sheets
Unit IV: Microsoft Power point
Understanding presentation and types of presentation Creating presentations from themes and templates, Using and editing slide masters Changing the layout or theme , Adding pictures, objects, shapes, diagrams, and charts Working with bullet points, text boxes, and tables , Incorporating video, audio, and animation , Adding speaker notes and comments , Revising and Running a slideshow, Reusing and sharing PowerPoint presentations
Unit IV: Scanning and Microsoft Paint

Scanning Techniques: Understanding pixels and resolution, choosing scanning software, Resolution, colour modes, scanning for print, for use on websites, converting images and documents to PDFs, Creating PDFs for OCR **Explore drawing skills:** Working with selection tools, Brush tools, shapes, colours, text, using Paint

Unit V: LAB / MINI PROJECT/FIELD WORK

Course Outcomes:

After completing the course, students will be able to:

1. To remember the various techniques or methods of computer application.
2. To understand about the various principles of computer application.
3. To apply how we can use the different software used in computer application.
4. To analyze the principles of different internet procedure.
5. Evaluate the different data base system.
6. To create the different behavior of computer software.

Suggested Readings

- Comdex Computer Course, Vikas Gupta, PM Publications, 2015
- Mastering MS Office – 2000 by Tech Media
- <http://freecomputerbooks.com/microsoftOfficeBooks.html> (E-BOOK)
- Note: Latest edition of readings may be used

BFD201: HISTORY OF FASHION-II

Teaching Scheme	Examination Scheme
Lectures: 4 hrs/Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD351 Fashion Art and Design – I, BFD451 Fashion Art & Design-II, BFD456 Minor Project, BFD651 Graduation Design Collection

Course Object:

1. To give information about significant historic fashion for historic ears.
2. To give knowledge about significant development in costumes for various historic ears.
3. To explain the social influences which have historically affected fashion.
4. To give information about costumes & accessories used to identify characteristic of past & present fashion.
5. To give knowledge about different types of clothing for men & women.
6. To give information about various textiles used in ancient era.

Detailed Syllabus:

Unit I: Ancient Egypt Era & Greek Era
Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles and footwear
Unit II: Rome Era & Byzantines Era
Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles and footwear
Unit III: Renaissance Era
Detailed study of dates, significant developments, men's and women's costumes, jewelry, hairstyles and footwear
Unit IV: 19th & 20th century
Detailed study of dates, significant developments, Men's and Women's costumes, jewelry, hairstyles and footwear

Course Outcomes:

After completing the course, students will be able to:

1. To remember the different types of clothing's of men's and women.
2. To understand the style features of various fashionable accessories.
3. To apply about the different terminology related to historical fashion styles.
4. To analyze the different ancient fabrics and textiles.
5. Evaluate the basic themes, concepts, chronology, and the Scope of fashion
6. To create the history of countries other comparative approach.

Suggested Readings

1. Ancient Indian Costumes, By RoshanAlkazi
2. The history of costumes, By Blanche Dayne, GeilelWinakor& Jane Farrell -Beck

Note: Latest edition of readings may be used

BFD202: FUNDAMENTAL OF TEXTILES

Teaching Scheme	Examination Scheme
Lectures: 4 hrs/Week	Class Test -12 Marks
Tutorials: 1hr./week	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD 402 Fabric Studies, BFD 355, BFD 455 Surface Ornamentation-I&II, BFD 454 & 653 Draping Techniques-I & II, BFD 651 Graduation Design Collection

Course Object:

1. To give complete knowledge about the different sector of textile industry.
2. To give knowledge about the fiber, yarn and fabric.
3. To explain difference between natural and synthetic fibers.
4. To give complete knowledge about the types of spinning processes.
5. To give knowledge about the different yarns and their specification.
6. To give knowledge about different fabric production techniques.

Detailed Syllabus:

Unit I: The Overview of Textile Industry
Introduction to textiles, major segments of the textile industry, market planning for apparels, primary and secondary sources of fabric buying and selling of finished fabric.
Unit II: The Textile Fibers
Definitions of fibers, sources of fibers, classification of fibers on the basis of origin and length.
Unit III: Natural and Manmade Fibers
Natural Fibers & Manmade fibers - properties, end uses and identification of fibers.
Unit IV: Introduction to Yarns
Spinning Process: mechanical and chemical spinning, Classification of yarns; Spun, Filament, Single, Ply yarns, Novelty yarns, textured yarns, loop, boucle, knot, knop, chenille, Mixtures and Blends. Yarn twist & Yarn count.
Unit V: Introduction to fabric production techniques
Weaving, Knitting, Non-woven, Crocheting, Braiding, Felting, Tufting

Course Outcomes:

After completing the course, students will be able to:

1. To remember the segmentation of textile industry.
2. To understand the importance of fiber in manufacturing of yarn and fabric.
3. To apply about the various natural and synthetic fibers and their properties.
4. To analyze the spinning process.
5. Evaluate between various types of yarn and fabrics and knowledge of fabric manufacturing techniques.
6. To create the importance of fiber, yarn and fabric in fashion and textile industry.

Suggested Readings

- Gohl E.P.G. & Vilensky, L. D. Textile Science.1983. Longman Cheshire.
- Joseph M. L. Essentials of Textiles.1988. 4th Edition. Holt, Rinehart, and Winston.
- Dhantyagi, S. Fundamentals of textiles & their Care, 1983, Orient Longman.
- [Gillow](#), J. and [Sentance](#), B. World Textiles: A Visual Guide to Traditional Techniques, 2004, Thames & Hudson.
- Phyllis Tortora, P.G., Understanding Textiles,1992,Maxmillan Publishing Company.

- Textiles & Clothing - <http://www.textbooksonline.tn.nic.in/books/11/stdxi-voc-textiles-em.pdf>
- Fiber to Fabric - <http://www.nios.ac.in/media/documents/Sec>

Note: Latest edition of readings may be used

BFD203: TRADITIONAL INDIAN TEXTILES

Teaching Scheme	Examination Scheme
Lectures: 4 hrs/Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD355 Surface Ornamentation-I, BFD351 Fashion Art and Design – I, BFD453 Garment Construction-III, BFD451 Fashion Art & Design-II, BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objective:

1. To give the knowledge about traditional Indian textiles.
2. To give information about traditional embroideries of India
3. To introduce the difference between motifs of various traditional Indian embroideries.
4. To give the knowledge about different type of embroidery threads & stitches.
5. To give the information about the types of fabrics used in various embroidery stitches.
6. To give knowledge about significance of traditional textiles & embroideries.

Detailed Syllabus:

Unit I: Introduction to Embroidery
General Rules for Hand and Machine Embroidery, Special Attachments to Sewing Machines for Embroidery
Unit II: Knowledge of Basic Hand Embroidery stitches
Running, Cording, Buttonhole, Satin, Long & Short, Chain, Stem, Herringbone, Cross, French Knot, Double Knot, Fish Bone.
Unit III: Care Maintenance of Embroidered Articles
Pressing Articles – Frames (Glass & Wooden). Estimating, Costing & Marketing of Finished Embroidery Products
Unit IV Traditional Indian Embroideries
Basic techniques of kantha, type of thread used, how to create different motif and design by this embroidery. Phulkari and bagh of punjab: Basic stitches, Type of thread used, how to create different type of design by this embroidery. Chikankari of Uttar Pradesh: Basic techniques of chikankari, type of threads used, how we can create some new design by using the embroidery. Kasuti of Karnataka: Basic techniques of Kasuti, how to create different motifs and design by this embroidery. Himachal Pradesh – ChambaRumal Basic techniques of Ikat, type of thread used, how to create different designs by using the embroidery.
Unit V: Traditional Indian Textiles
Basic techniques of kashida, type of thread used, how to create different design by using this embroidery.

Embroidery of Gujarat& Rajasthan:

brocades Gujarat – mata-ni-pachedi, Kathiawar, Kutchwork, ajarakh, block printing, patolabandhini& Rajasthan kashida of Kashmir

Basic techniques of kashida, type of thread used, how to create different design by using this embroidery.

Unit VI: Visit to museum

Assam and the hill states of the north – East – Handloom weaving

Madhya Pradesh-chanderi and maheshwari

Maharashtra-paithani and pitamber

Tamil nadu - kanchipuram

Karnataka – Kasuti Textiles of Goa and Keral

Orissa-Ikat Andhra Pradesh & Gujarat

Course Outcomes:

After completing the course, students will be able to:

1. To remember the all knowledge of traditional embroidery according to states wise.
2. To understand about the threads, colors, and motifs of embroidery.
3. To apply the working process of all embroidery.
4. To analyze about all techniques of traditional methods of embroidery.
5. To evaluate about the fabrics according to embroidery.
6. To create the advance knowledge of traditional craft and art.

Suggested Readings

- Sheila Paine, “Embroidered Textiles”, Thames and Hudson Ltd., 1990.
- Shailaja D. Naik, “Traditional Embroideries of India”, A.P.H. Publishing Corporation, New Delhi, 1996.
- Loom weaving, printed and painted fabrics, embroidery
- Indian Textiles –by John Gillow and Nicholas Barnard, Om books International, New Delhi.
- The Sari-by Linda Lynton,Thames and Hudson Ltd London.
- Textiles and Crafts of India-Arunachal Pradesh, Assam, Manipur, National Institute of Fashion Technology, Prakash Books, New Delhi.

Note: Latest edition of readings may be used

BFD251: SOFT SKILL

Teaching Scheme	Examination Scheme
Practical: 2 hrs/Week	Class Test -4 Marks
Tutorials: Nil	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objective:

1. To give complete knowledge about listening skills.
2. To explain the reading skill professionally.
3. To give complete knowledge of Speaking and writing skill professionally.
4. To give knowledge about group discussion and prevent the stage fear.
5. To give knowledge about how to write professional mails and proposal.
6. To give knowledge about writing reports and documents.

Detailed Syllabus:

Unit I: LISTENING SKILL
Listening to short and extended dialogues, telephone conversations, discussion, Listening to prose & poetry reading Listening to video clips, documentaries, feature films, presentations, interviews – Listening for the gist of the text, for identifying a topic, general meaning, and specific information – Listening for multiple-choice questions, for positive & negative comments, interpretation
Unit II: SPEAKING SKILL
Introducing oneself or expressing opinion -- Simple oral or casual interaction – Dialogue -- Conversation – Participating in group discussions, role plays and interviews, Addressing a small group or a large formal gathering. Debates, discussions and role plays on advanced topics, Brief Power point presentation.
Unit III: READING SKILL
Basic Reading Comprehension and interpretation, Reading for the gist of a text, for information transfer and interpretation. Reading for specific information, instructions, recommendations, functional checklists, Reading comprehension exercises for multiple-choice questions, for contextual meaning -- Reading newspapers, magazine articles of topical interest and events
Unit IV: WRITING SKILL
Writing emails, messages, notices, agendas, leaflets, brochures, minutes of a meeting Writing formal business and official Letters inviting, accepting, declining the invitation, requesting permission for industrial visits or implant training, Letter applying for a job, enclosing a CV. Writing short repots -- Writing short proposals.
Unit IV: OVERALL COMMUNICATION SKILL
Development of oratory skills through practice of speaking on various topics. Phone Conversation skills by engaging in discussion on topical issues. Inculcate habit of exploring various events and interesting news and sharing it with others.

Unit V: LAB / MINI PROJECT/FIELD WORK

Course Outcomes:

After completing the course, students will be able to:

1. To remember good listening skills, Capable of understanding spoken English.
2. To understand good speaking Skills, capable to speaking English with confidence.
3. To apply capable of reading English and comprehending the read matter.
4. To analyze capable of Writing and handling communication in English language.
5. To evaluate handling presentations with confidence
6. To create face the interview with confidence.

Suggested Readings

- Oxford Guide to Effective Writing & Speaking skills, John Seely, Oxford Publishing, 2013
- Wren & Martin, High School English Grammar and Composition, D.V. Prasada Rao N, N.D.V. Prasada Rao, 2017
- English Language – TN College Textbook - <http://www.textbooksonline.tn.nic.in/books/dted/dted1-english.pdf>

Note: Latest edition of readings may be used

BFD252: FLAT PATTERN MAKING-II

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test -6 Marks
Practical: 4 hrs/week	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 352, BFD 452 Advance Pattern Making -I and II, BFD 552 Men's Wear, BFD 651 Graduation Design Collection

Course Objective:

1. To give complete knowledge about the knowledge of basic patterns.
2. To give knowledge about the bodice and skirt.
3. To explain the making process of torso.
4. To explain the function and working of dart manipulation.
5. To give knowledge about the different type of princess line pattern.
6. To give knowledge for preparing the pattern of skirt.

Detailed Syllabus:

Unit I: Pattern making of basic pattern set
Basic bodice front & back Basic skirt & front & back-sleeves
Unit II: Pattern making of Torso
Combined bodice and skirt to produce torso shift.
Unit III: Dart manipulation
Different forms of suppression; darts, tucks, gathers, pleats, flares etc. Development of styles through dart manipulation; connecting darts to create seam lines, Style developments. Yokes: shoulders, midriff and hip yoke
Unit IV: Princess Line foundation
Pattern development for princess line foundation, Armhole, Shoulder princess line foundation
Unit V: Skirt variations and lehenga adaptation
A-line, Flared, Gathered, Gored, Tier skirt

Course Outcomes:

After completing the course, students will be able to:

1. To remember the pattern making procedure of basic pattern.
2. To understand the different dart manipulation techniques.
3. To apply about the princess line and style line patterns.
4. To analyze about variation in skirt.

5. To evaluate about the basic pattern making technique.
6. To create the importance of pattern making in fashion industry.

Suggested Readings

- Norma R. H and Carolyn J. K. Pattern Making by the Flat-Pattern Method. 1998. 8th Edition. Prentice Hall
- Mortimer-Dunn, G. Pattern designs for children clothes. 1996. B T Batsford Ltd.
- Armstrong, H.J., “Pattern making for fashion design”, Pearson, 5th edition 2018.
- Knowles, L. A., “Practical Guide to Patternmaking for Fashion Designers: Juniors, Misses and women”, 2005, Fairchild Books
- Holman, G., “Pattern cutting made easy: A Step-by-Step Introduction, 2013
- Cooklin, G., “Pattern cutting for women’s outerwear”, 1994
- Rajput, C., A Professional Approach to Garment Construction and Pattern Making (Fashion Designing), 1st edition, 2001

Note: Latest edition of readings may be used

BFD253: GARMENT CONSTRUCTION-II

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test -6 Marks
Practical: 4 hrs/week	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 352, BFD 452, BFD553 Garment Construction- II, III, IV, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 651 Graduation Design Collection

Course Objective:

1. To impart knowledge about the stitching of different elements of garment
2. To explain how different seam are finished and stitched.
3. To explain the stitching of pleats, tucks, gathers and darts for fabric manipulation
4. To impart knowledge about finishing of neckline through different ways.
5. To give knowledge about stitching and finishing of collar and plackets.
6. To explain the stitching of 5 basic block.

Detailed Syllabus:

Unit I: Seams and seam finishes
Plain seam, Lapped seam, French seam, Welt seam, Mock French seam, Run and fell seam.
Unit II: Fabric manipulation like darts, pleats, gathers and tucks
Types of Pleats: knife, box, accordion, inverted box, kick pleats, Types of tucks- pin, space, cross, shell and release.
Unit III: Necklines
Various types of necklines and their finishes
Unit IV: Plackets
Various types of plackets and their finishes
Unit V: Constructions of collar
Various types of collars and their finishes (stand collar, peter pan collar)
Unit VI: Construction of basic pattern set
Construction of basic pattern set bodice, sleeve & skirt

Course Outcomes:

After completing the course, students will be able to:

1. To remember how different elements of garment are stitched and finished.
2. To understand how different collars and plackets are attached and finished.
3. To apply how necklines are finished by different techniques.
4. Analyze that how a fabric can be changed from 2d to 3d structures by use of tucks, darts, gathers and pleats.
5. Evaluate differentiate between seam and their finishing.
6. To create Knowledge of how different part of basic patterns are stitched and finished.

Suggested Readings

- Editor of Reader Digest., “A New complete guide to sewing”, 2010
- Muller, C., “The Timeline of World Costume: From Fig Leaf to Street Fashion”, 1993, 01 edition, Thames & Hudson Ltd.
- Peacock, J., “The Chronicle of Western Costume: From the Ancient World to the Late Twentieth Century”, 2019., 01 edition Thames and Hudson Ltd.
- **Johnston, L ., “19th-Century Fashion in Detail: 1800 - 1900 (Victoria and Albert Museum)”**
- 2016., 01 edition., Thames and Hudson Ltd.
- **Beukel, D.V.**,“A Pictorial History of Costume (Pepin Press Design Books)” 1998, 1st Edition, Pepin Press.
- **Ebooks:**
- Practical Sewing and Dress Making -
- http://brittlebooks.library.illinois.edu/brittlebooks_open/Books200912/allisa0001prasew/allisa0001prasew.pdf
- Sewing Lessons For Beginners – http://www.go-woman.com/wpcontent/uploads/factsheets/FREE_Sewing_Book.pdf

Note: Latest edition of readings may be used

BFD254: ELEMENT OF DESIGN

Teaching Scheme	Examination Scheme
Practical: 2 hrs/Week	Class Test -4 Marks
Tutorials: Nil	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD251 Fashion Art Illustration-II, BFD254 Elements of Design-II, BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge of principle of design.
2. To give an overview on different parts of principle of design.
3. To explain the concept of composition making and there elements with the help of principle of design.
4. To give knowledge of different styles involved in the principle of design with its theory.
5. To understand the design making with the help of principle of design
6. To understand the 2d and 3d structure of particular design with the help of the various principle and theories.

Detailed Syllabus:

Unit I: Mass, Movement
Mass, Movement
Unit II: Space, Non-Tactile Texture,
Space, Non-Tactile Texture or Visual texture
Unit III: Value, Rhythm
Value, Rhythm
Unit IV: Using the elements of design with principles of design (one composition)
Unit VII: LAB / MINI PROJECT/FIELD WORK

Course Outcomes:

After completing the course, students will be able to:

1. To recognize the different types of lines and color used in creating design.
2. To understand the style features of design and motifs.
3. To apply all the elements of design techniques to create design.
4. To analyze the structure of design with the help of various techniques.
5. To evaluate the design making process with the help of various theory.
6. To create the 2d and 3d shapes with the help of element of design.

Suggested Readings

- Elements of Design: Rowena Reed Kostellow and the Structure of Visual Relationships, Gail Greet Hannah, 2002

- Basic Principles of Design, Manfred Maier, Vol. 1-4
- Comdex Fashion Design, Vol I, Fashion Concepts, Navneet Kaur, Vikas Pub, 2010
- <http://www.edb.utexas.edu/minliu/multimedia/PDFfolder/DESIGN~1.PDF>
- Fashion Studies –Textbook
http://cbseacademic.in/web_material/doc/fashion_studies/3_XII_Text_Book.pdf
- <https://iversity.org/en/courses/design-101-or-design-basics>

Note: Latest edition of readings may be used

BFD255: DYEING & PRINTING

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test -4 Marks
Practical: 2 hrs/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 356 Surface Ornamentation, BFD 357 World Famous Painting, BFD 455 Accessory Design, BFD 651 Graduation Design Collection.

Course Objective:

1. To give complete knowledge about the different sector of dyeing and printing industry.
2. To give knowledge about different tie and dye techniques
3. To explain the process of batik printing.
4. To give complete knowledge of screen preparation and printing
5. To give knowledge about the different types of blocks and its printing
6. To give knowledge for preparing articles with combining of printing techniques

Detailed Syllabus:

Unit I: The Overview of dyeing and printing Industry
Introduction to dyes and pigments, different sectors of dyeing and printing industry
Unit II: Preparation of different tie and dye samples with direct dye:
Small circles, Stripes, Pleats, Spiral (Even and uneven), marbling, ruching, object tying, cord, knotting.
Unit III: Preparation of Batik samples with naphthol dye:
painting, marbling, scratching, sprinkling,
Unit IV: Preparation of Screen and block printed sample with pigment dye:
Preparation of screen, preparation of printing paste and development of design with screen and block.
Unit IV: Preparation of one article using any two techniques of dyeing and printing.
Preparation of one article using any two techniques of dyeing and printing.
Unit V: Visit to a printing unit.

Course Outcomes:

After completing the course, students will be able to:

1. To remember the segmentation of dyeing and printing industry.
2. To understand the importance of tie and dye technique in surface ornamentation.
3. To apply about the batik printing.

4. To analyze the preparation of screen and its printing.
5. To evaluate the block printing technique.
6. To create differentiate between various techniques of textile surface enrichment.

Suggested Readings

- Bernard P. Corbman. Fibre to Fabric.
- Clarke. W. 1974. An Introduction to Textile Printing. London, Newness Butter Worth.
- Anderson, F. 1974. Tie-dyeing and Batik. London, Octopus Editorial Production by Berkeley Publishers Ltd.
- Smith, J.L. Textile Processing: Printing, Finishing, Dyeing.
- H. Panda. Modern Technology of Textile: Dyes & Pigments.

Note: Latest edition of readings may be used

BFD256: FASHION VECTOR GRAPHICS

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test -4 Marks
Practical: 2 hrs/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 359 Digital Design, BFD 457 Minor Project, BFD 651 Graduation Design Collection, BFD 652 Portfolio Development.

Course Objective:

1. To give complete knowledge about the graphic designing.
2. To give knowledge of working with different tools
3. To explain the process of creating different pages like newspaper
4. To give complete knowledge of editing greeting card.
5. To give knowledge how to get Bitmap and vector effect.
6. To give knowledge of merging data and creating letterhead.

Detailed Syllabus:

Unit I: Getting to know the workspace and fonts/Creating a simple report cover
Getting to know the workspace and fonts/Creating a simple report cover
Unit II: Using the toolbox/Using color, Using photographs in a motivational poster,Using a template to create a two-page newsletter
Using the toolbox/Using color, Using photographs in a motivational poster,Using a template to create a two-page newsletter
Unit III: Drawing and editing objects
Drawing and editing objects/Creating a greeting card.
Unit IV: Bitmap and vector effects, using scripts and macros to create a calendar
Bitmap and vector effects, using scripts and macros to create a calendar
Unit V: Letterhead and data merge, Creating a three-panel brochure for a student business
Unit VI: Slideshow presentation

Course Outcomes:

After completing the course, students will be able to:

1. To remember the working of vector graphics.
2. To understand the importance graphic designing in fashion field.
3. To apply about the working of different tools.
4. To analyze the how to edit cards, newspaper.
5. To evaluate about bitmap and vector effect.
6. To create differentiate between various techniques of textile surface enrichment.

Suggested Readings

- Satish Jain. 2018, Coral draw training Guide. BPB Publication . India
- Gary david Bouton. 2012. Coral draw X6: The official Guide. McGraw hill Professional .

Note: Latest edition of readings may be used

BFD257: CORAL DRAW

Teaching Scheme	Examination Scheme
Practical: 2 hrs/Week	Class Test -4 Marks
Tutorials: Nil	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 359 Digital Design, BFD 457 Minor Project, BFD 651 Graduation Design Collection, BFD 652 Portfolio Development.

Course Objective

1. To give complete knowledge about the software.
2. To give knowledge about the different working and use of the software.
3. To explain the use of the software in the fashion industries.
4. To explain the function and different tools of the software.
5. To give knowledge about the different type of editing that can be done.
6. To give knowledge for preparing artwork, business card, print development etc.

Detailed Syllabus:

Unit I: Introduction to Coral Draw Software
Introduction-Getting Started-Creating A New File - Title Bar-Menu Bar-Work Area-Printable Page-Property Bar-Page Counter Bar-Color Palette-Toolbox-Status Bar-Drawing Figures Lines-Ellipse-Circles-Rectangle-Square-Polygon-Saving-Closing-Opening-Views-Normal View-Preview-Wire Frame View-Draft View-Zoom-View Manager-Creating a View.
Unit II: DRAWING
Introduction - Toolbox-Selecting an Object-Resizing an Object-Moving an Object-Changing The Shape-Combining Two Objects-Skewing-Welding the Objects-Blending-Curve Lines Straight Lines-Continuing a Line-View Mode-Changing-Media Tool-Rotating An Object Grouping-Fill Tool Fly Out-Filling-Spray Mode.
Unit III: TEXT
Introduction-Text Tool-Entering Artistic Text-Entering Paragraph Text-Converting Text Formatting Text-Changing the Font Size-Arranging Objects-Ordering The Objects-Changing The Font-Bullets-Decorating the Text-Webdings-Text Editor-Opening-Changing the Alignment Type Style-Spell Checking-Grammar-Searching Synonyms-Find-Replace-Editing-Kerning Formatting Characters.
Unit IV: IMAGE Bitmap Images
Vector Image-Resizing-Rotating-Skewing-Moving-Cropping-Importing Images-Adding Special Effects-Converting to Bitmap-Exporting Images.
Unit IV: Page Layout
Changing the Page Size-Changing the Layout-Appling Styles-Appling Bitmaps to the Background - Changing the Background-Adding a Page Frame-Moving Between Pages.
Unit V: LAB / MINI PROJECT/FIELD WORK

Course Outcomes:

After completing the course, students will be able to:

1. To remember the working of vector graphics.
2. To understand the importance graphic designing in fashion field.
3. To apply about the working of different tools.
4. To analyze the how to edit cards, newspaper.
5. To evaluate about bitmap and vector effect.
6. To create data merging and creating letterheads for your creation.

Suggested Readings

- Corel DRAW X6 - Official Guide (by Gary David Bouton)
- Bring it Home with Corel DRAW (by Roger Wanbolt)

Note: Latest edition of readings may be used

BFD 301: FASHION FORECAST

Teaching Scheme	Examination Scheme
Lectures: 4 hrs/Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD451 Fashion Art & Design-II, BFD 456 Minor Project, BFD 551 Portfolio Development
BFD 651 Graduation Design Collection

Course Objectives:

1. To explain in detail the importance of concept of fashion forecast
2. To give knowledge of fashion elements that help in creating fashion forecast.
3. To give an overview of different fashion terminology
4. To explain what different factors that affects fashion forecast and how fashion forecasting is done.
5. To give complete knowledge of importance of creative writing
6. To provide knowledge of fashion magazines, sources of design

Detailed Syllabus:

UnitI: Concept of fashion forecasting
Elements of fashion forecasting: Definition, Factors affecting fashion forecasting, Awareness of fashion trends, fairs and international centers, Sources of fashion forecast
Fashion elements: Types of silhouettes, Type of body shapes, Clothing categories for women, men's and children
Unit II: Fashion theories:
Fashion cycle, and theories, terms related to fashion
Study of fashion trends: Source of design, sources of forecasting fashion trends
Fashion forecast magazines: International and Indian fashion magazines
Knowledge of creative writing
UnitIII: Interpretation of fashion trends and forecast
Unit IV: Steps in fashion forecasting

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the importance of fashion forecasting for designers, manufacturers, retailers and consumers.
2. To understand the source of design creation and method of fashion forecasting.
3. To apply about the various International and Indian magazine that support relevant data forecasting.
4. To analyze the importance of silhouette, body shapes and creativity writing in the field of fashion.
5. To evaluate the difference between the clothing categories of women, men and kids.
6. To create how fashion forecasting is done by forecasters like designers, blogger, models, fashion leaders, celebrities.

Suggested Readings

- McKelvey, K., “Fashion Source Book”, 1996, 1st edition, Wiley-Blackwell.
- Brannon, E. L., “Fashion Forecasting”., 2002.
- Phaidon Editors., “The Fashion Book”.2016. Phaidon Press.
- Ireland, P. J. and Ireland, P., “Introduction to fashion design”, 2003, Batsford.
- Scully, K., and Cobb, D. J. Color Forecasting for Fashion., 2012., Thames & Hudson.
- Tate, S. L., “Inside fashion design” , 1998.,4 th Edition, Longman Pub Group.

Note: Latest edition of readings may be used

BFD 302: WORLD ART AND CULTURE

Teaching Scheme	Examination Scheme
Lectures: 4 hrs/Week	Class Test -12 Marks
Tutorials: 0 hr/Week	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD 101/201 History of fashion, BFD102 Fashion studies, BFD 151 Basic Drawing & Sketching, BFD 155 Fashion art and Illustration, BFD156/254 Element of Design, BFD203 Traditional Indian Textile, BFD 351 Fashion art & Design-I, BFD 356 Surface Ornamentation, BFD 357 World Famous painting, BFD 457 Minor Project, BFD 551 Portfolio Development, BFD 651 Graduation Design Collection.

Course Objectives:

1. To give complete knowledge about the world art and their artist.
2. To give knowledge about the elements of art and there uses in our design process.
3. To examine the world art and their techniques used in now days in fashion.
4. To Give knowledge about the Characteristics of different artist and their creation.
5. To give knowledge about the different type of medium and techniques they used in their art form.
6. To give knowledge for preparing the collection or garment with the help of different art form.

Detailed Syllabus:

Unit I: Introduction to the world art and culture
Introduction to the Visual Arts
Elements of art, identification of design principles and elements used by artists
Unit II: Critiquing Art
Definition, benefits, and steps of art critique
Unit III: Prehistoric Art
Prehistoric sculptures, cave paintings
Palaeolithic and Neolithic art, megalith monuments
Unit IV: Ancient Art
Art of ancient Sumerians, Ancient Egyptian, and Ancient Greek
Unit V: Ancient Roman, Early Christian, and Medieval Art
Unit VI: Renaissance art
Characteristics, social factors influencing art, famous works by Leonardo da Vinci, Michelangelo, and Raphael.
Unit VII: American art
Pre-Columbian art, art from major cultural empires in Mesoamerica and South America, including the Olmec, Maya, Aztec, and Inca cultures.
Indigenous art in North America such as beadwork, baskets, and totem poles.
Unit VIII: characteristics of Baroque, rococo, neoclassical and Romantic art

Unit IX: Modern Art
Art movements such as Impressionism, Postimpressionism, Expressionism, and Realism.
Characteristics of Impressionistic and Postimpressionistic art.

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember develop a detailed knowledge about the different art forms.
2. To enable students to understand the working of artist in different ages or era.
3. To enable students to get inspired with the artist and get the concept to create something new.
4. To enable students to develop new design in form of modal or garment.
5. To develop ability to use element of design in better way.

Suggested Readings

- World Art an Introduction to the Art in Artefacts by Ben Burt.
- History of the world in 1000 objects by Smithsonian
- The Handy art history by Dickerson and Madelynn

Note: Latest edition of readings may be used

BFD 303: ENTREPRENEURSHIP

Teaching Scheme	Examination Scheme
Lectures: 4 hrs/Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD 401 Fashion Marketing and Merchandising, BFD 402 Apparel Industrial Management, BFD 457 Minor Project, BFD 501 Visual Merchandising, BFD 502 Retail Management, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about significance of entrepreneurship.
2. To develop and strengthen entrepreneurial quality and motivation.
3. To give knowledge about entrepreneurial skills and understanding of running business efficiently.
4. To give knowledge about different types of entrepreneurships.
5. To give knowledge about development of business plan for setting up of enterprise.
6. To give knowledge about methods of communication, financing, and accounting.

Detailed Syllabus:

Unit I: Entrepreneurship
Introduction to entrepreneurship, E-entrepreneurship, significance, types, and factors affecting entrepreneurial growth.
Unit II: Growth of entrepreneurship, socio-economic growth, problems, and factors affecting entrepreneurship, emerging concepts in entrepreneurial growth.
Unit III: Communication, importance, barriers, and gateways to communication.
Unit IV: Entrepreneurial venture creation: idea generation, identifying opportunities, preparation of business plan-concepts, scope, significance and elements, marketing plan, venture project formulation, implementation, and evaluation.
Unit V: Financing and accounting: need, sources of finance, management of working capital, costing, break even analysis.
Unit VI: Boutique, Exporthouse, Buyinghouse, Franchiser and partnership procedure.

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember and comprehend the concept and elements of business opportunity.
2. To understand about development of viable business plan to start new venture.
3. To apply and develop awareness about entrepreneurship and entrepreneurs.
4. To analyze the different types and practices of entrepreneurs in the market.
5. To evaluate and assess individual strengths and weakness from entrepreneurial perspective.
6. To create entrepreneurial mindset by learning key skills like creative thinking and communication.

Suggested Readings

- S.S. Khanka, 2013. Entrepreneurship Development, S. Chand and Co Ltd. New Delhi.
- Donald F Kuratko, 2014. Entrepreneurship- Theory, Process and Practice. Cengage Learning.
- Hisrich R.D, Peters M.P. 2013. Entrepreneurship, Tata McGraw-Hill.
- Mathew J Manimala, 2005. Entrepreneurship Theory at Cross Roads: Paradigms and Praxis, Dream Tech.
- Taneja& Gupta, Entrepreneurship Development – New Venture Creation, Galgotia Publishing Company 2001.
- Gundry Lisa K., Entrepreneurship Strategy, SAGE Publications, Inc., 2007.

Note: Latest edition of readings may be used

BFD 351: FASHION ART AND DESIGN

Teaching Scheme	Examination Scheme
Lectures: 0 hrs/Week	Class Test -4 Marks
Practical: 2	Teachers Assessment – 2 Marks
Credit: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite BFD451 Fashion Art & Design-II, BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objectives:

1. To give an overview knowledge of forecast and trend.
2. To give complete knowledge of market survey.
3. To describe art and designs elements.
4. To give the knowledge of all boards and working on inspirations and theme.
5. To give the knowledge of development of design range.

Detailed Syllabus:

Unit I: Concept Development based on market survey
Development of original design ideas and concepts, using elements and principles of art and design in creating fashion designs as per market survey and trends
Unit II: Design process based on current trend:
Development of boards
Working on theme
Study and application of forecast
Development of design range

Course Learning Outcomes:

After completing the course, the student shall be able to:

1. To remember about the design range.
2. To understand about the work on theme.
3. To apply figure out the whole concept of market survey.
4. To analyze the use elements and principles of art and design.
5. To evaluate about the knowledge of hand portfolio.
6. To create the all knowledge of developments of boards.

Suggested Readings

- Fashion Source Book, By Kathryn McKelvey
- The Fashion Book, By Phaidon Editors

BFD 352: ADVANCED PATTERN MAKING-I

Teaching Scheme	Examination Scheme
Lectures: NIL	Class Test - 6 Marks
Practical: 4	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 452 Advance Pattern Making II, BFD 552 Men's Wear, BFD 456 Minor Project, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about the techniques of basic child block.
2. To explain different techniques of kids, wear pattern making.
3. To give an overview on various variation to be done in kids wear.
4. To explain the pattern making procedure for different types of kids wear garment
5. To explain the difference between the kids and adults bodice block.
6. To give knowledge of how to build the final product with the help & pattern making.

Detailed Syllabus:

Unit I: Construction of basic child block
Unit II: Construction of panty and bloomer
Unit III: Construction of any one frock (A line, empire line, with yoke, with gathers, pleated)
Unit IV: Construction of romper/ dungaree
Unit V: Construction of skirt/ pants (with any one variation)
Unit VI: Construction of Sun Suits

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the techniques of basic child block
2. To understand the various pattern making techniques used in kids wear garment
3. To apply the various pattern making techniques in making of kids wear pattern.
4. Analyze the difference between types of variation to be done in constructing the kids wear pattern.
5. To evaluate the difference between the kids wear and adults bodice block.
6. To create the final product of kids wear according to the research.

Suggested Readings

- Armstrong, H.J., "Pattern making for fashion design", Pearson, 5th edition 2018.
- Knowles, L. A., "Practical Guide to Patternmaking for Fashion Designers: Juniors, Misses and women", 2005, Fairchild Books
- Holman, G., "Pattern cutting made easy: A Step-by-Step Introduction, 2013
- Cooklin, G., "Pattern cutting for women's outerwear", 1994
- Rajput, C., A Professional Approach to Garment Construction and Pattern Making (Fashion Designing), 1st edition, 2001

Note: Latest edition of readings may be used

BFD 353: KID'S WEAR

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test -6 Marks
Practical: 4	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about elements of children clothing.
2. To explain construction of various variation of kids wear garment.
3. To give complete knowledge of construction of one frock with different variation.
4. To give knowledge about construction of romper/ dungaree for children.
5. To give knowledge about construction of skirt/ pants/ legging.
6. To give knowledge about construction of sun suits.

Detailed Syllabus:

Unit I: Construction of basic child block
Unit II: Construction of panty and bloomer
Unit III: Construction of any one frock (A line, empire line, with yoke, with gathers, pleated)
Unit IV: Construction of romper/ dungaree
Unit V: Construction of skirt/ pants (with any one variation)
Unit VI: Construction of Sun Suits

Course Outcomes:

After completing the course, the student shall be able to:

1. To recognize the features of kids wear garments.
2. To understand the construction of different types of kids wear garments.
3. To apply the pattern making techniques to construct the garment.
4. To analyze the different construction methods to construct the garment
5. To evaluate the construction of sun suit.
6. To create the final product according to the research.

Suggested Readings

- Carla Hegeman Crim, 2014. Pattern Making for Kids' Clothes matrix pattern making for kids wear
- Winifred Aldrich 1984 Metric Pattern Cutting for Children's Wear and Babywear
- Emma Hardy Making Children's Clothes: 25 Step-by-step Sewing
- Editor of Reader Digest., "A New complete guide to sewing", 2010
- Mortimer-Dunn, G. Pattern designs for children clothes. 1996. B T Batsford Ltd.

- Armstrong, H.J., “Pattern making for fashion design”, Pearson, 5th edition 2018.

Ebooks:

- Practical Sewing and Dress Making -
- http://brittlebooks.library.illinois.edu/brittlebooks_open/Books200912/allisa0001prasew/allisa0001prasew.pdf

Note: Latest edition of readings may be used

BFD 354: FASHION PHOTOGRAPHY

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test –4 Marks
Practical: 2	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objectives:

1. To provide the basics knowledge of photography.
2. To give the basic working knowledge of a DSLR camera.
3. Describe the elements of photographic lenses.
4. Explain all accessories of camera.
5. To give the knowledge of indoor and outdoor shoot
6. Describe the types and principles of fashion photography.

Detailed Syllabus:

Unit I: Basics of Photography
Basic working of a DSLR camera, Handling Still Camera, Lenses, Photo films, Black and White, Compositions of films, Camera Angles,
Lenses– controlling the image, Photographic lenses – prime & zoom lens, angle of view (Narrow & Wide Angle Lens), Aperture, Focal No. & Focal Length, Depth of focus, Depth of Field and how they work, Lens care.
Unit II: Lighting, Equipment's, Focusing Lenses, Multi Camera Techniques, Special effects, learning about Software's, Shooting an outdoor or any monument, Lens perspective, film speed, flash gun, light meter Exposure Measurement of light – exposure metering system, Exposure control – relationship between shutter speed and aperture, Camera accessories: Tripod, monopod, filters, Lens hood.
Unit III: Shooting of a product by creativity, appropriate background and Composition/ see the colors / Black & White. Outdoor Shoot: using Digital SLR and Mobile camera/developing an idea and practice taking a Photo feature on a specific topic by using self- clicked photographs from Digital Camera, Photographs should be of postcard size. Assignments on various lights effects. Shooting 'Textures' or various kinds of styles to get an idea of overall fashion.
Unit IV: Fashion photography: Principles, types, history and application.
Unit V: Visit to a studio.

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember about the knowledge of basic photography.
2. To understand about the working knowledge of DSLR.
3. To apply the knowledge of photography's elements.
4. To analyze about the knowledge of advance photography with indoor and outdoor shoot.

5. To evaluate the knowledge of lenses of photography.
6. To create about the knowledge types and principles of fashion photography.

Suggested Readings

- Basic Photography — John Hedgecoe. London: Collins & Brown
- The Color Photo Book — Andreas Feininger. New Jersey: Prentice-Hall

Note: Latest edition of readings may be used

BFD 355: PHOTO EDITING

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test – 4 Marks
Practical: 2	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objectives:

1. To provide the basics knowledge of photo editing.
2. To give the basic working knowledge of photo editing softwares.
3. To impart knowledge about photo editing tools.
4. To impart knowledge of creation of images and graphics in photoshop
5. To give knowledge about colour settings and image proofing
6. Describe the types and principles of photo editing.

Detailed Syllabus:

Unit I: Introduction to photo editing
Editing software, photoshop environment, palettes, creating custom workspaces, setting preferences
Unit II: Basic image manipulation
Bitmap images, vector images, image size and resolution settings, scanning images and placing files
Unit III: Color basics and tools used
Color modes, color mode conversion, painting tools, brush settings, filling and stroking, layers, text, drawing,
Unit IV: Photo correction
Retouching, resolution, filters, retouching and repairing
Unit V: Vector drawing, animating GIF images
Unit VI: Producing and printing consistent color
Reproducing colors, color settings, image proofing and printing

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the concepts of photo editing.
2. To understand about the different software of photo editing.
3. To apply about the editing tools.
4. To analyze about the different steps in photo editing.
5. To evaluate about the advance knowledge of photo correction.
6. To create about creation of animated gif images.

Suggested Readings

- Basic Photography — John Hedgecoe. London: Collins & Brown

- The Color Photo Book — Andreas Feininger. New Jersey: Prentice-Hall
- Adobe photoshop CS2 Classroom in book: New full color edition. Adobe Press.

Note: Latest edition of readings may be used

BFD 356: SURFACE ORNAMENTATION

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test – 4 Marks
Practical: 2 hours/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about methods of surface ornamentation techniques.
2. To explain construction of basic hand and machine embroidery
3. To give complete knowledge of traditional embroideries.
4. To give knowledge about traditional paintings.
5. To give knowledge about tools & equipment's used in surface ornamentation.
6. To give overview of different handicraft museum.

Detailed Syllabus:

Unit I: Introduction to various methods of surface ornamentation techniques
Embroidery and painting tool, embroidery threads and their classification, selection of threads, needle and cloth, brushes, spatula, tracing techniques, ironing and finishing of embroidered and painted articles
Unit II: Basic hand and machine embroidery
Variation of running stitch, back stitch, chain stitch, lazy daisy stitch, buttonhole stitch, feather stitch, herringbone stitch, knot stitch, satin stitch, cross stitch
Unit III: Introduction to traditional embroidery
Kantha, chikankari, kasuti, zardozi, phulkari, kashidakari, mirror work
Unit IV: Introduction to traditional painting
Warli painting, Mudhubani painting and Kalamkari
Unit V: Visit to handicraft museum

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the basic elements of embroidery and painting.
2. To understand the importance basic embroidery stitches.
3. To apply the importance of traditional embroidery in fashion industry.
4. To analyze the importance of Indian painting.
5. Evaluate the warli and madhubani and kalamkari painting.

6. To create about different art and craft museum.

Suggested Readings

- ShailaijaD.Naik, Traditional Embroideries of India
- Rakesh Kumar, Encyclopedia of Indian Paintings
- Kapila Vatayayan, Embroidery in Asia Sui Dhaga,
- Mary E Woring, Handbook of traditional embroidery
- Jamila Brijbhushan, Indian Embroidery
- Sudha Satyawadi, Unique art of Warli Painting
- Bharti Dayal, Madhubani Art: Indian Art Series

Note: Latest edition of readings may be used

BFD 357: WORLD FAMOUS PAINTINGS

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test – 4 Marks
Practical: 2 hours/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 101/201 History of fashion, BFD102 Fashion studies, BFD 151 Basic Drawing & Sketching, BFD 155 Fashion art and Illustration, BFD156/254 Element of Design, BFD203 Traditional Indian Textile, BFD 351 Fashion art & Design-I, BFD 356 Surface Ornamentation, BFD 357 World Famous painting, BFD 457 Minor Project, BFD 551 Portfolio Development, BFD 651 Graduation Design Collection.

Course Objectives:

1. To give knowledge about visual arts.
2. To give knowledge about elements and principles of art.
3. To explain the concept of art critiquing.
4. To give knowledge of famous artists.
5. To give knowledge about famous artworks and their elements.
6. To explain the method of critiquing the famous paintings.
7. To develop documentation of paintings of famous artists and critiquing the art.

Detailed Syllabus:

Unit I: Introduction to Visual Art
Definition, forms of visual art, art movements and art periods.
Unit II: Elements and Principles of Art
Definition of elements of art, principles of art, identification of art principles used by artists, arrangement of design principles using art principles
Unit II: Critiquing Art
Definition, procedure, and importance
Unit III: Famous artists and their artworks
Leonardo da Vinci, Vincent van Gogh, Edvard Munch, Pablo Picasso, Sandro Botticelli and Michelangelo
Unit IV: Critiquing the paintings of famous artists
Unit V: Practical/lab work of paintings

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember about the knowledge of visual art.
2. To understand about the elements and principles of art.
3. To apply the knowledge of art critiquing.
4. To analyze about work of famous painters.
5. To evaluate the knowledge of use of elements and principles of art to develop art pieces.
6. To create about the knowledge of different types of artworks.

Suggested Readings

- Great Paintings: The World's Masterpieces Explored and Explained (Dk Art & Collectables), 2019.
- Artists: Their Lives and Works by DK
- The Handy art history by Dickerson and Madelynn

Note: Latest edition of readings may be used

BFD 358: TEXTILES

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test – 4 Marks
Practical: 2 hours/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about different fabrics used for traditional art pieces.
2. To explain construction basic hand and machine embroidery
3. To give complete knowledge of traditional embroidery
4. To give knowledge about traditional painting.
5. To give knowledge Warli painting, Mudhubani painting Kalamkari.
6. To give overview of different handicraft museum.

Detailed Syllabus:

Unit 1: Textile for seating
Upholstery fabrics for domestic applications – scope, fixed upholstery, non-stretch loose covers, stretch covers. Upholstery fabrics for contract use – general, automotive applications, Commercial applications.
Unit II: Window Textiles
Sun filters (Sheers and nets), Semi-sheers, Reflective textiles, curtain fabrics & drapes, Blinds. Definition, forms of visual art, art movements and art periods.
Unit III: Fabrics for Wall Covering, Textile Art
Tapestries, Wall hangings, Textiles for screens & Room Dividers.
Unit IV: Kitchen Textiles
Aprons, Dish cloth, Tea cosy, Bread bag, Mittens, Pot Holders, Table Mats – Construction & manufacturing details.
Unit V: General
Hand / machine embroidered scarves, stoles, shawls, Madeups used in hospitals.

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the basic elements of embroidery and painting.
2. To understand the importance basic embroidery stitches.
3. To apply the importance of traditional embroidery in fashion industry.
4. To analyze the importance of Indian painting.
5. To evaluate the warli and madhubani and kalamkari painting.
6. To create about different art and craft museum.

Suggested Readings

- Textile Floor coverings by G.H. Crawshaw, Textile Progress, Vol.9, No.2, The Textile Inst. Publisher
- Interior Furnishing by Mortimer O.Shea, Textile Progress, Vol.11, No.1, The Textile Institute, Publication.
- Mary E Woring, Handbook of traditional embroidery

Note: Latest edition of readings may be used

BFD 359: DIGITAL DESIGN

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test – 4 Marks
Practical: 2 hours/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about the illustrator software.
2. To understand the different types of fileentertain
3. To give complete knowledge of different tools and techniques.
4. To give the knowledge about the picture difference between vector and graphic image.
5. To give the complete knowledge of flat and digital fashion illustration.
6. To give the knowledge of print, fabric texture.

Detailed Syllabus:

Unit I: Introduction to Adobe illustrator basics
Vector and bitmap image color modes/ how to open, crate and save a new file/costumise the work area/work space
Unit II: Introduction and use of tools.
Rectangular Marquee Tool & Elliptical marquee tool & single row marquee tool ,single column marquee tool, Move tool, magic wand tool, quick selection tool, lasso tool, polygonal lasso tool, magnetic lasso tool, Crop tool, slice tool, slice select tool, eyedropper tool, color sampler tool, ruler tool, note tool, count tool, Blur tool, sharpen tool, smudge tool, dodge tool, burn tool, sponge tool.
Unit III: Working with layers & layers styles.
In this process student will learn how to work on multiple layer
Unit IV: Masking and board
Layer Mask, Vector Mask Merge Layers, Flatten all layers Matting, inspiration, theme, mood, color, print developing board and other.
Unit V: Digital Illustration
Fashion croque, fur, hair, glitter effect, prints developing on the dress, different fabric texture,
Unit VI: Flat Sketching with Details
Creating Flat sketch with details.

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the basics of adobe illustrator software.
2. To understand the different type of file extension used in the software.

3. To apply the various tools and techniques to develop the various design with the help of software.
4. To analyze the difference between the vector image and graphic image.
5. To evaluate the difference between flat and digital illustration
6. To create the difference types of poster, pamphlets, logo, garment as a final project

Suggested Readings

- Illustrator for beginners-by Tastytuts (e-book)
- Illustrator workshop-by Jeff (e-book)

Note: Latest edition of readings may be used

BFD 401: FASHION MARKETING AND MERCHANDISING

Teaching Scheme	Examination Scheme
Lectures: 2 hours/week	Class Test -3 Marks
Practical: Nil	Teachers Assessment – 3 Marks
Credits: 2	Attendance –6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about different sector of marketing.
2. To explain factors and function of fashion marketing.
3. To give complete knowledge of market mix and product mix.
4. To give knowledge about the fashion show.
5. To give knowledge of fashion merchandising.
6. To give overview of different merchandising.

Detailed Syllabus:

Unit I: Marketing

- Introduction and definition
- Factors influencing marketing concept, market segment.
- Classification of market-domestic, national, international and E-market,
- Marketing and product mix, range planning,
- Study of 4 P'S - product, price, place, promotion.
- COSTING AND PRICING STRATEGIES (Costing principles-cost of goods-direct materials, direct labor, manufacturing overhead), (Costing strategies-direct costing, absorption, and activity based, blended), (Pricing strategies—rigid calculation, subjective pricing)

Unit II: Fashion Marketing and Forecasting

- Introduction
- Size and structure of fashion market – micro and macro
- Market Weeks – Trade Fairs, fashion fairs, Fair growth.
- Development of Fashion forecasting process
- Forecast reports: - Fibre, Fabric and colour.
- Short and Long term

Unit III: Fashion Shows

- Introduction to Fashion Shows
- Arranging a Fashion event
- Theme of the Show
- Selection of Models
- Advertising and Media planning

Unit IV: Merchandising

- Introduction to sourcing
- The phases of sourcing4.3 Selection of buyers, buying house, buying agency.
- Role of merchandiser in apparel industry
- Merchandising Calendar and Display calendar
- Types of merchandising
- Merchandising example

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the basic knowledge of market sectors.
2. To understand the importance of fashion market in India.
3. To apply the fashion shows.
4. To analyze the importance of fashion merchandising.
5. To evaluate the knowledge of types of merchandising.
6. To cretae about the product mix and marketing mix.

Suggested Readings

- Fashion Marketing – Mike Easey ed. – Oxford, Blackwell Science Ltd.β
- A.JeannetteJarrow, Miriam Guerreiro and Beatrice Judelle, "Inside the Fashion Business",.
- Frings, Gini Stephens, "Fashion: From Concepts to Consumer", Prentice-Hall of India, 8th edition, 2004.
- Visual Merchandising and display – Martin M pegler

Note: Latest edition of readings may be used

BFD 402: APPAREL INDUSTRIAL MANAGEMENT

Teaching Scheme	Examination Scheme
Lectures: 2 hours/week	Class Test -3 Marks
Practical: Nil	Teachers Assessment – 3 Marks
Credits: 2	Attendance –6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give knowledge about management and its different levels.
2. To explain about working of apparel industry.
3. To impart knowledge about organization and its types.
4. To give complete knowledge of garment manufacturing process.
5. To give knowledge about latest trends in apparel industry
6. To give overview of policies for apparel sector.

Detailed Syllabus:

Unit I: Introduction of apparel industry
Importance, objectives, principles, and functions of management.
Unit II: Management levels of apparel industry
Levels of management or managerial hierarchy: top, middle, and lower management
Unit III: History of Textile industry
History of textile industry: organizational structure and levels.
Unit IV: Domestic and export house
Readymade garment manufacture and export process.
Unit V: Management aids:
Statistical and cost control, laboratory control, operational research, work study and method study, scientific research and development, communication

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember Gain knowledge on management and different levels of management.
2. To understand history of apparel industry.
3. To apply about organization: concept, principles and types.
4. To analyze comprehend the various steps involved in garment manufacturing.
5. To evaluate about management aids.
6. To create get an insight into importance of personnel management.

Suggested Readings

- Introduction to clothing manufacture- Gerry Cooklin
- Textiles-Law and policy-Somasekhar and Raj Mogli
- Encyclopedia of Textiles- P.V. Vidya Sagar
- Garment Exports- Darlie o Koshy

Note: Latest edition of readings may be used

BFD 403: FABRIC STUDIES

Teaching Scheme	Examination Scheme
Lectures: 4 hours/week	Class Test -12 Marks
Practical: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD453 Garment Construction-III, BFD451 Fashion Art & Design-II, BFD454 Draping Techniques-I , BFD553 Garment Construction-IV , BFD554 Textile Project , BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objectives:

1. To describe all methods of fabric formation.
2. To give the knowledge of natural fabrics and synthetic fabrics.
3. To describe the properties of fabrics.
4. To introduce the pile fabric and knit fabric.
5. To give the knowledge of all trims and fasteners.
6. To explain the whole glossary of the fabrics.

Detailed Syllabus:

Unit I: Different methods of fabric formation
weaving, knitting, and bonding.
UnitII: Study of the different types of natural fabrics and their properties
Cotton fabric, Wool fabric, and Silk fabric.
Unit III: Study of the different types of synthetic fabric and their properties
Rayon, polyester, and nylon
Unit IV: Study of the different types of Pile Fabrics and Knit Fabrics
Pile fabric and knit fabric
Unit V: Glossary of other fabric terms and suitability of different fabrics for various types of garments
Glossary of other fabric terms and suitability of different fabrics for various types of garments
UnitVI: Study of the different types of Trims and Fasteners, Facing, Interfacings and Interlinings
Trims, fasteners, facing, interfacing, and interlinings.
UnitVII: Visit to Textile Industry

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember about the knowledge of fabric formation of weaving, knitting and bonding.
2. To understand the properties of all natural and synthetic fabrics.
3. To apply about the knowledge of natural and manmade fabrics.
4. To analyze about all fabric trims, fasteners, facing and interlining.

5. To evaluate the glossary of other fabric terms.
6. To create about the fibers and yarns.

Suggested Readings

- Fabric for fashion the swatch book by Amanda Johnston
- Fundamentals of Textiles & Their Care, By Shuseela Dhantyagi

Note: Latest edition of readings may be used

BFD 404: FUNDAMENTALS OF TEXTILE DESIGN AND FINISHES

Teaching Scheme	Examination Scheme
Lectures: 4 hours/week	Class Test -12 Marks
Practical: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about different techniques of textile designing.
2. To explain about the concept of fabric finishes.
3. To give complete knowledge of different mechanical finishes.
4. To give knowledge about stiffeners and softeners.
5. To give knowledge of special finishing of wool and silk.
6. To give knowledge about energy efficient finishing processes.

Detailed Syllabus:

Unit I: Techniques of designing textiles.
weaving, knitting, dyeing, printing, and other methods.
UnitII: Introduction to finishing types and importance
Introduction of finishing and importance, types of finishing.
UnitIII: Mechanical finishes
Sulfurization, Wrinkle-resist finishing, Need, General approach for obtaining finished product, Cross-linking agents, Catalysts needed, Process
Unit IV: Finishes
Stiffeners and Softeners Waterproof, Water repellent, Waterproof breathable finishing, Flame retardants, Antimicrobial finishing , Bio-polishing, Soil repellency and Soil release finishing
Unit V: Finishing of wool and silk
Milling, setting, Shrink-resistant finishing, Special finishing of silk
UnitVI:Energy efficient technology and finishing of synthetics
Low liquor application and foam finishing, heat setting, Antistatic and other special finishing

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the basic techniques of textile designing.
2. To understand the importance of textile finishes.
3. To apply the importance of mechanical finishes.
4. To analyze the importance of synthetic finishes.
5. To evaluate about the concept of stiffeners and softeners in textile processing.

6. To create about different innovative advancements in textile finishes.

Suggested Readings

- Sekhri. Seema, 2010. Textbook of Fabric Science: Fundamentals to Finishing.
- Fundamentals of Textiles & Their Care, By Shuseela Dhantyagi

Note: Latest edition of readings may be used

BFD 405: TEXTILE SCIENCE AND CARE

Teaching Scheme	Examination Scheme
Lectures: 4 hours/week	Class Test -12 Marks
Practical: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about different fabrics.
2. To explain properties of fibers.
3. To give complete knowledge of manufacturing of textiles fibers.
4. To give knowledge about laundry.
5. To explain the difference between natural and synthetic
6. To give overview of different laundry methods according to fabric.

Detailed Syllabus:

Unit -I Introduction to Textile fibers
<ul style="list-style-type: none">• Terms and definition related to textile.• Importance of textile• Fibers, filaments, yarns- spun yarns, filament yarns,• sewing threads• Fabrics- woven, knitted, non-woven.• Classification and nature of fibers
Unit-II General fiber properties
<ul style="list-style-type: none">• Fiber length• Fiber strength• Flexibility• Spinnability• Uniformity• Density• Luster• Moisture & Moisture regain• Water-repellant fibers.• Resiliency & compressibility.• Chemical, Environmental & other properties.
Unit– III Manufacturing processes and properties of Textile fibers
<p>Brief introduction about manufacturing processes and physical & Chemical properties of following textile fibers.</p> <ul style="list-style-type: none">• Cotton.• Silk.• Wool.• Polyester.

<ul style="list-style-type: none"> • Acrylic • Nylon
Unit – IV Laundry of natural fabric
<ul style="list-style-type: none"> • Cotton. • Silk. • Wool.
Unit – VI Laundry of synthetic fabric
<ul style="list-style-type: none"> • Polyester. • Acrylic. • Nylon

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the basic knowledge of fibers.
2. To understand the properties of textiles fibers.
3. To apply the importance of Natural fibers and synthetic fibers.
4. To analyze the manufacturing of fibers.
5. To evaluate the basic knowledge of laundry.
6. To create about different laundry according to fibres.

Suggested Readings

- Deulkar, D. (1976). Household Textiles and Laundry Work. Delhi: Atmaram Sons
- Marsh, J. T. (1979) Introduction to Textile Finishing, Mumbai: BI Publication
- Vigo, T. L (1997). Textile processing and properties, preparation, dyeing finishing and performance. Amsterdam: Elsevier Sciences.

Note: Latest edition of readings may be used

BFD 406: INDUSTRIAL LEARNING AND INTERNSHIP

Teaching Scheme	Examination Scheme
Lectures: 4 hours/week	Class Test -12 Marks
Practical: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD 453 Women's Wear, BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge of garment industry.
2. To give an overview of different departments
3. To explain the difference between sampling and merchandising department.
4. To describe various sewing technology and there uses.
5. To give the knowledge of various tools and equipment used in industry
6. To understand the industrial knowledge practically.

Detailed Syllabus:

Unit I: Apparel Industry
<ul style="list-style-type: none">• Domestic industry• Export industry• Buying house
Unit II: Introduction to Garment manufacturing process
<ul style="list-style-type: none">• Introduction to different departments, working principles of various departments.• Flow chart of various department• Introduction Sewing, cutting& finishing department.• Different machinery used; comparative analysis; (demonstration of machineries in action)
Unit III: Introduction to Sewing Technology
<ul style="list-style-type: none">• Basic sewing machine, various parts, types & functions of sewing machines.• Understanding the simple problems of sewing machine and its maintenance
Unit IV: Sewing machines
<ul style="list-style-type: none">• Different sewing machines used- different bed types, their uses and comparative analysis.• Different stitch and seam types, properties & use• Stitch and seam Class Series diagrams, their comparative analyses
Unit V: Cutting Machine
Straight knife, Band knife, End cutter, Auto cutter, die cutter, Round knife, Drilling machine, Notching machine & Hot drill
Unit VI: Fusing & Pressing Technology
Machinery, equipment & process of Fusing Technology

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the work process of garment industry.
2. To understand the different working process of different departments of different industrial houses.
3. To apply the different process involved in garment industry to develop the report with the help of internship
4. To analyze the different types of sewing technology used in the industrial sectors.
5. To evaluate the different types of working process and technology used in garment industry.
6. To create the industrial report to understand the working of the industrial working

Suggested Readings

- A Guide to Fashion Sewing, By Amaden-Crawford
- Introduction to clothing production management, By A J Chuter

Note: Latest edition of readings may be used

BFD 451: OFF LOOM TECHNIQUES

Teaching Scheme	Examination Scheme
Lectures: NIL	Class Test -4 Marks
Practical: 2 Hours/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 457 Minor Project, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about different methods of fabric construction.
2. To give knowledge about different off loom weaving techniques.
3. To give knowledge about construction of knotted rugs.
4. To give knowledge about development of products with crocheting.
5. To give knowledge about different macrame techniques.
6. To give knowledge about string art.

Detailed Syllabus:

Unit I: Introduction of off loom weaving
Introduction to different techniques of off loom weaving.
Unit II: Rug's construction
Construction of rugs with different knotting techniques.
Unit III: Crocheting
Development of product using different crocheting techniques.
Unit IV: Macrame
Development of product using different macrame techniques.
Unit V: Final Product
Development of product using string art.

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the process of fabric construction without loom.
2. To understand Differentiate between process of development of fabric with and without loom.
3. To apply about the various methods of construction of fabric with different techniques.
4. To analyze the construction of fabric through knotting and crocheting.
5. To evaluate the construction of fabric through different macramé techniques.
6. To create the construction of fabric through string art.

Suggested Readings

- Kline Linda, 2006. Beginner's Guide to Oriental Rugs, Ross Books. USA.
- Margaret Hubert, 2011. The Complete Photo Guide to Crochet, Creative Publishing International.
- Hardie Zedenius, 2017. Macrame: The Art of Creative Knotting for Your Home, Crafts and Hobbies.

- Jesse Dresbach, 2016. DIY String Art, Crafts and Hobbies.

E-Book

- Jane Crowfoot, 2016. Ultimate Crochet Bible: A Complete Reference with Step by Step Techniques, Collins and Brown

Note: Latest edition of readings may be used

BFD 452: ADVANCED PATTERN MAKING-II

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test -12 Marks
Practical: 4 Hours/week	Teachers Assessment – 6 Marks
Credits: 2	Attendance – 12 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 552 Men's Wear, BFD 456 Minor Project, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about construction of design features in women's garments
2. To explain the conversion of torso to bridal wear
3. To give an overview of stitching of female Indian traditional wear
4. To explain the difference between male and female night wears
5. To explain the pattern making and construction of various blouse styles.
6. To give knowledge about construction details of western wear.

Detailed Syllabus:

Unit I: Variations of evening gown/bridal wear
Adapting torso block to evening gown.
Unit II: Variations of blouse
Simple blouse, Princess line, corset, choli blouse
Unit III: Patterns making
Patterns of Kurta, Salwar, (Kaftan/poncho/shrug/cape.)
Unit IV: Patterns of garment categories
Formal/casual wear, Resort/Lingerie wear
Unit V: Bathrobe /nightwear
Patterns of male and female nightwear.
Unit VI: Pattern of unisex garment
Unisex According to fashion trends.

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the construction and finishing of details in female garments.
2. To understand the manufacturing female Indian wear.
3. To apply about the variation in pattern of different types of blouses for Indian and western wear
4. To evaluate about adaptation of torso for construction of bridal wear.
5. To analyze the difference between constructions of female and male wear.
6. To create that how design details are stitched and finished.

Suggested Readings

- Armstrong, H.J., "Pattern making for fashion design", Pearson, 5th edition 2018.
- Norma R. H and Carolyn J. K. Pattern Making by the Flat-Pattern Method. 1998. 8th Edition. Prentice Hall
- Mortimer-Dunn, G. Pattern designs for children's clothes. 1996. B T Batsford Ltd.
- Knowles., L. A., "Practical Guide to Patternmaking for Fashion Designers: Juniors, Misses and women",

2005, Fairchild Books

- Holman, G., "Pattern cutting made easy: A Step-by-Step Introduction, 2013
- Cooklin, G., "Pattern cutting for women's outerwear", 1994
- Rajput, C., A Professional Approach to Garment Construction and Pattern Making (Fashion Designing), 1st edition, 2001
- Zarapkar, K.R. A system of cutting.2008. Navneet Publications

Note: Latest edition of readings may be used

BFD 452: WOMEN'S WEAR

Teaching Scheme	Examination Scheme
Lectures: Nil	Class Test -12 Marks
Practical: 4 Hours/week	Teachers Assessment – 6 Marks
Credits: 2	Attendance – 12 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 456 Minor Project, BFD 552 Men's Wear, BFD 553 Functional Clothing, BFD 651 Graduation Design Collection

Course Objectives:

1. To give knowledge about the stitching of formal wear for women.
2. To explain how princess line dress and their variation are stitched and finished.
3. To explain difference in construction of cape/ poncho/kaftans/ shrug.
4. To explain construction details of beach or resort wear.
5. To give knowledge about stitching unisex garments.

Detailed Syllabus:

Unit I: Construction of evening gown/bridal wear
Construction of formal two-piece dress: formal top/vest and skirt
Unit II: Variation of blouse
Construction of simple blouse, princess line and choli blouse/corset
Unit III: Construction of garment
Construction of cape/ poncho/ kaftans/ shrug.
Unit IV: Construction of garment categories
Formal/casual wear, Resort/Lingeriewear, Bathrobe/nightwear
Unit V: Unisex garment
Construction of unisex garment.

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember about the stitching of formal wear.
2. To understand how different princess line dress are attached and finished.
3. To apply about specification required to stitch cape/ poncho/kaftans/ shrug.
4. To analyze stitch different variations of beach or resort wear
5. To evaluate differentiate between designers and mass production in terms of stitching.
6. To create knowledge of how unisex dresses are constructed.

Suggested Readings

- Armstrong, H.J., “Pattern making for fashion design”, Pearson, 5th edition 2018.
- Holman, G., “Pattern cutting made easy: A Step-by-Step Introduction, 2013
- Cooklin, G., “Pattern cutting for women’s outerwear”, 1994
- Rajput, C., A professional Approach to Garment Construction and Pattern Making (Fashion Designing), 1st edition, 2001

Note: Latest edition of readings may be used

BFD 455: ACCESSORY DESIGN

Teaching Scheme	Examination Scheme
Lectures: NIL	Class Test -4 Marks
Practical: 2 Hours/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 457 Minor Project, BFD 651 Graduation Design Collection, BFD 653 Material Studies

Course Objectives:

1. To give knowledge about different types of fashion accessories.
2. To give knowledge about current fashion and trends in accessories.
3. To impart information about jewelry as an accessory.
4. To give knowledge about construction of handbags and belts.
5. To give knowledge about construction of scarves and hats.
6. To give knowledge about construction of footwears.

Detailed Syllabus

Unit I: Introduction of accessories
Introduction to fashion accessories, definition, history and classification and their designing.
Unit II: Handbags & Belts
Designing and development of handbags and belts.
Unit III: Scarves & Hats
Designing and development of scarves and hats.
Unit IV: Footwears
Designing and development of footwears.
Unit V: Jewelry
Designing and development of jewelry (earrings).

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the types of fashion accessories.
2. To understand the importance of accessories in fashion industry.
3. To apply about the process of effective research and drawing inspiration from pre-existing accessories.
4. To analyze and predict the need of target market for preparation of different accessories.
5. To evaluate the construction of handbags, belts, scarves and hats.
6. To create the construction of footwear and earrings.

Suggested Readings

- Editor of Reader Digest., 2010 “A New complete guide to sewing”,

- Jay Diamond and Ellen Diamond, 2008. Fashion Apparel Accessories and Home Furnishings, Pearson Education.
- Pamela Stecker, 1996. Fashion Design Manual, Macmillan Co. Australia.
- Navneet Kaur, 2010. Comdex Fashion Design, Dreamtech Press

Note: Latest edition of readings may be used

BFD 456: JEWELRY DESIGN

Teaching Scheme	Examination Scheme
Lectures: NIL	Class Test -4 Marks
Practical: 2 Hours/week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 457 Minor Project, BFD 651 Graduation Design Collection, BFD 653 Material Studies

Course Objectives:

1. To give complete knowledge about different types of jewelries.
2. To give knowledge about methods of jewelry preparation.
3. To give knowledge about designing and development of metal jewelry.
4. To give knowledge about designing and development of quilling, origami, yarn, and fabric jewelry.
5. To give knowledge about designing and development of beaded jewelry.
6. To give knowledge about designing and development of resin jewelry.

Detailed Syllabus:

Unit I: Introduction of Jewelry
Introduction to jewelry design, classification of jewelry, design and color theory.
Unit II: Metal Jewelry
Designing and development of metal jewelry.
Unit III: Jewelry with Different techniques.
Designing and development of quilling jewelry, origami jewelry, yarn, and fabric jewelry.
Unit IV: Beaded Jewelry
Designing and development of beaded jewelry.
Unit V: Resin Jewelry
Designing and development of resin jewelry.

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember the different types of jewelries.
2. To understand the importance of conceptualizing jewelry designs and their construction.
3. To apply and extend design ideas through intensive market research to develop diverse range of jewelry collection.
4. To analyze the construction of metal jewelry.
5. To evaluate the construction of quilling origami yarn and fabric jewelry.
6. To create the construction of beaded and resin jewelry.

Suggested Readings

- Stuller, 2012. The Basics of Jewellery, Stuller, Inc. USA.
- Carol Grape, 2001. Handmade Jewellery: Simple Steps to Creating Wearable Art, North Light Books.
- Albert Kail, 2020. Resin Jewellery. USA.
- Ayako Brodek, 2019. Origami Jewellery, Kodansha. USA.
- Erin Perkins Curet, 2019. The Art of Modern Quilling, Quarry Books.
- Brenner Maya, 2012. Beaded Jewellery. Penguin UK.

Note: Latest edition of readings may be used

BFD 457: MINOR PROJECT

Teaching Scheme	Examination Scheme
Tutorials: 2 hours/week	Class Test – 12 Marks
Practical: 4 hours/week	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD552- Men's Wear, BFD553- Garment Construction, BFD653

Course Objectives:

1. To give complete knowledge of how the fashion show is done.
2. To give an overview of different methods they have learned in their previous semester.
3. To explain the concept about the fashion range development according to the latest trends.
4. To give knowledge about how the designer do their market research and how the styling is done accordingly.

Detailed Syllabus:

Unit I: Topic of the project
<ul style="list-style-type: none">• Choose the topic on Market research, new trends and Inspiration.• Develop the working sketches
Unit II: Development all Board on the topic
<ul style="list-style-type: none">• Creating• Inspiration boards• Theme Board• Mood boards• Color Boards• Client boards – in relation to the end customer and customer identification.• Swatch boards – swatch sizes, fabric information and trims its swatch layouts.
Unit III: Final Rendering and flat sketches
<ul style="list-style-type: none">• Final Rendering of the selected 4 design• Computer aided flat sketches.• Specification and cost sheet of the design
Unit IV: Patterns and constructions
<ul style="list-style-type: none">• Drafting of the design• Design's Construction
Unit V: Presentation & Viva
<ul style="list-style-type: none">• Fashion Show (4 garment)• Viva

Course Outcomes:

After completing the course, the student shall be able to:

1. To remember how fashion show is done.
2. To understand about the various steps involved in making the fashion range.
3. To apply how we can creatively display our work by showing them on ramp.
4. To analyze the importance of doing the fashion show.

5. To evaluate the different elements of design features and their appropriate use according to space and material available.
6. To create the previous subjects and its importance in the fashion industry.

Suggested Readings

- Color Forecasting, By Tracy Diane and Tom Cassidy
- Apparel Online, Apparel Views, Clothesline, Moda, Vogue, and Simplicity etc. to be consulted regularly

Note: Please note that since this is a project-based subject the students would not be consulting any books but instead would have to conduct surveys and search for websites relating to forecasts, latest trends, fabrics, design as well as silhouettes so that they can prepare the collections accordingly. They will also visit the marketplace for sourcing.

BFD501: VISUAL MERCHANDISING

Teaching Scheme	Examination Scheme
Lectures: 4 hrs./Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objectives:

1. To provide the knowledge of visual merchandising.
2. To give the knowledge of techniques of merchandising.
3. Describe the elements and tools of visual merchandising.
4. Explain the all-window display.
5. To give the knowledge of brands national and international.

Detailed Syllabus:

Unit I: World of visual merchandising
Visual merchandising: Definition and functions, History, Understanding retail in India.
Unit II: The Basics of Visual Merchandising
Display Basics, Design Basics, Principles of Design, Color Blocking—People Buy Colors, Signage, Understanding Materials.
Unit III: Store Planning and Fixtures
The Purpose of Planning Fixtures, Types of Fixtures
Unit IV: Merchandise Presentation
Meaning of Merchandise Presentation, Principles of Merchandise Presentation, Categories in Merchandise Presentation, Dominance Factor in Merchandise Presentation, Cross Merchandising.
Unit V: Window Displays
Window Display—Meaning and Scope, Vis-à-vis Merchandise, Types of Setting, Promotional Display Vs. Institutional Display, Window Display—Construction
Unit VI: Visual Merchandising—Hands On
Styling, Display Calendar, Sales Tracking, Handling the Mannequin, Props, Lighting, Organizing an In-store Event, VM Tool Kit, Quality and Process in Visual Merchandising, Standard Operating Procedures (SOPs)

Course Outcomes:

After completing the course, students will be able to:

1. To remember about the knowledge of windows display.
2. To understand the knowledge of blocking and themes.
3. To apply about the knowledge of good store layouts.
4. To analyze about the merchandising techniques.
5. To evaluate the knowledge of presentation of the product.

6. To create about the advance knowledge of visual merchandising according to theme and stories.

Suggested Readings:

- [DMGT552_VISUAL_MERCHANDISING.pdf](#)
- Fashion designs and illustrations
- Introduction to fashion design, By Patrick John Ireland
- Inside fashion design Simplicity
- Encyclopedia of fashion detail, By Patrick John Ireland,
- Femina, Elle, FNL, Apparel views to consult.

Note: Latest edition of readings may be used

BFD502: RETAIL MANAGEMENT

Teaching Scheme	Examination Scheme
Lectures: 4 hrs./Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD456 Minor Project, BFD651 Graduation Design Collection

Course Objectives:

1. To provide the knowledge of retail.
2. To give the knowledge of techniques of retail store.
3. Describe the circulation plan and planograms.
4. Explain the new retail scenario.
5. Explain the classification of retailing.

Detailed Syllabus:

Unit I: Introduction to retail
Retailing: Definition, Evolution and Formats, Relating Retail with Customer Profile, The Indian Retail Industry
Unit II: Image Mix and Store Exteriors and Interiors: Elements of Display, All I Do Can Sell (AIDCS)
Retail Store—Site and Design, Image Mix: The Top Six Elements, Store Exteriors, Store Interiors
Unit III: Circulation Plan and Planograms
Circulation Plan and Types of Circulation Plans, Meaning and Purpose of a Planogram, Benefits of a Planogram, Implementation and Maintenance of a Planogram
Unit IV: Experiential Retail
Brand Experience—Brand-centric to Customer-centric, Experience Design—Beyond Visual Merchandising, Generation C—The Changing Consumer, The Magic of Augmented and Mixed Realities, Experiential Retail—The New Retail Scenario
Unit V: Classification of retailing
Boutique, Department store, Specialty store, Discount store, Sales, Vendor, Whole sale, Open to buy

Course Outcomes:

After completing the course, students will be able to:

1. To remember about the knowledge of retails.
2. To understand the knowledge Indian retail industry.
3. To apply the knowledge of implementation and maintenance of a planogram
4. To analyze about the brand experience.
5. To evaluate the knowledge of presentation of the product in the store.
6. To create about the advance knowledge of classification of retailing.

Suggested Readings:

- [DMGT552_VISUAL_MERCHANDISING.pdf](#)
- Goworek Helen, Fashion Buying, Blackwell Sciences, 2001.
- TepperBelte K. and Godnick Newton E.,
- Mathematics for Retail Buying, Fairchild, 1994.

Note: Latest edition of readings may be used

BFD 503: ORGANIZATIONAL BEHAVIOUR

Teaching Scheme	Examination Scheme
Lectures: 4 hrs/Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: BFD 456 Minor project, BFD 551-652 Portfolio Development, BFD 651 Graduation Design Collection, BFD 503 Industrial Learning, and Internship

Course Objectives:

1. To give complete knowledge of organizational behavior.
2. To give an overview of different business ethics in fashion world.
3. To explain the concept of professional behavior in an industry or business.
4. To give knowledge of teamwork.

Detailed Syllabus:

Unit I: Introduction
Introduction: Concept, nature, scope and importance of Organizational Behavior. It's interdisciplinary nature. Hawthorne experiments.
Unit II: Perception
Definition, factors influencing and importance of perception. Perception process, perceptual errors and distortions due to stereotypes, halo effects, projection, Self-serving bias and attribution error and selective perception. Attitude: Concept of Attitude, Attitude and behavior, attitude formation, factors determining Attitude formation, Attitude measurement.
Unit III: Motivation
Importance of Motivation. Theories of motivation – Maslow's, Hertzberg's, McClelland's. McGregor's theory, Merits, and demerits. Learning: Principles of learning. Factors in Human learning. Theories of Learning, Types of Reinforcement
Unit IV: Personality
Definition, factors in shaping of personality, Theory of personality development by Freud, Personality traits influencing OB.
Unit V: Inter-personal behavior
Importance of inter-personal relationships in organizations, Transactional analysis, and its applications in organizations-JOHARI window and its managerial applications Group Dynamics: Concept of Groups & team. Types of Groups. Theories of Group Formation. Life cycle of group, Group norms and roles. Leadership: Types of Leader and styles. Stress Management and counseling.
Unit VI: Conflict and Change
Meaning and Process of conflict, causes, sources, Consequences of conflict, conflict resolution strategies. Types of change, identification of the Problem and implementation of change, resistance to change, overcoming resistance to change.

Course Outcomes:

After completing the course, students will be able to:

1. To remember the working behavior of a business or industry.
2. To understand about the personality development in an organization.
3. To apply how we can work ethically in an organization.
4. To analyze the principles of leadership and teamwork in an organization.
5. To evaluate the different work environment in any organization.
6. To increase the motivation and perception power of any worker.

Suggested Readings:

- Organizational Behavior by Fred Luthans
- Organizational Behavior by Stephen P. Robbins

Note: Latest edition of textbooks shall be used.

BFD 504: ENVIRONMENTAL SCIENCE

Teaching Scheme	Examination Scheme
Lectures: 2 hrs./Week	Class Test -6 Marks
Tutorials: Nil	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge of environmental science.
2. To give an overview on different ways in which we can save our environment.
3. To explain the concept of different environmental issues and their problems.
4. To give knowledge of different aspects involve in saving the environment.

Detailed Syllabus:

Unit I: Introduction

Definition, Scope & Importance, Need for public awareness- Environment. definition, Eco system – Balanced ecosystem, Human activities – Food, Shelter, Economic and social Security. Effects of human activities on environment-Agriculture, Housing, Industry, Mining and Transportation activities, Basics of Environmental Impact Assessment.

Unit II: Natural Resources

Water Resources- Availability and Quality aspects. Water borne diseases, Water induced diseases, Fluoride problem in drinking water. Mineral Resources, Forest Wealth, Material cycles- Carbon, Nitrogen and Sulphur Cycles. Energy – Different types of energy, Electro-magnetic radiation. Conventional and Non – Conventional sources – Hydro Electric, Fossil Fuel based, Nuclear, Solar, Biomass and Biogas. Hydrogen as an alternative future source of Energy.

Course Outcomes:

After completing the course, students will be able to:

1. To remember the importance of environmental science.
2. To understand about the public awareness and its need.
3. To apply how we can design our garment in such way so that environment is not harmed.
4. To analyze the availability of good and bad resources present in our environment.
5. To evaluate the advantages and disadvantages of the different types of resources we use in our design.
6. To create our eco system.

Suggested Readings:

- Environmental Studies by Benny Joseph, Tata Mcgraw Hill; 2005
- Environmental Studies by Dr. D.L. Manjunath, Pearson Education; 2006.
- Environmental studies by R. Rajagopalan, Oxford Publication; 2005.

Note: Latest edition of textbooks shall be used.

BFD 551: PRODUCT DEVELOPMENT

Teaching Scheme	Examination Scheme
Lectures: 0	Class Test -6 Marks
Practical: 4 hrs./Week	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD-652 Portfolio Development, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge of various techniques or methods used in fabric manipulation.
2. To give an overview of different methods used in fabric manipulation in creative way.
3. To explain the concept of product development through different fabric manipulation techniques.
4. To understand the use of different tools used in development of products.
5. To understand the use of these techniques in garments.
6. To develop the final product by using these techniques.

Detailed Syllabus:

Unit I: Quilting and its Introduction with its use in Fashion Industry
Product Selection Product Information Sourcing of Trims & Accessories Sourcing of Fabrics Product Development
Unit II: Smocking and its Introduction with its use in Fashion Industry
Product Selection Product Information Sourcing of Trims & Accessories Sourcing of Fabrics Product Development
Unit III: Presentation & Viva
Submission of the Report

Course Outcomes:

After completing the course, students will be able to:

1. To remember the various techniques or methods of Fabric Manipulation.
2. To understand the various tools and equipment used for Fabric Manipulation.
3. To apply how we can enhance the look of the fabric with the manipulation.
4. To analyze the principles of fabric manipulation and its use in our industry.
5. To evaluate the working of fabric manipulation.
6. To create the history of its and its origin.

Note: Latest edition of textbooks shall be used.

BFD 552: MEN'S WEAR

Teaching Scheme	Examination Scheme
Lectures: 0	Class Test -6 Marks
Practical: 4 hrs/Week	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 652 Portfolio Development-II, BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about the men's tailored garments.
2. To explain difference between the measurements of young and mature male body figure type.
3. To give an overview of shirt designs with variation of cuffs and collars.
4. To give knowledge about different lining, interlining, & fusing required during the stitching of men's garments.
5. To explain complete knowledge about construction of waist coat
6. To give knowledge about the stitching of trouser & its parts and their finishing.

Detailed Syllabus:

Unit I: Introduction
Tools and equipment's needed, grain, seam allowance, preparation of fabrics, Measurement differences among different figure types and age groups.
Unit II: Drafting and construction of shirt:
Design, Drafting, Construction
Unit III: Variations of cuffs and collars
Design, Drafting, Construction
Unit IV: Drafting and construction of waistcoat
Design, Drafting, Construction
Unit V: Drafting and construction of trouser
Design, Drafting, Construction

Course Outcomes:

After completing the course, students will be able to:

1. To remember the constructional knowledge about the men's tailored garments
2. To understand difference between the body types and measurements of young and mature male
3. To apply about cuffs and collar for different style of shirts.
4. To analyze the types of fabric used for tailored garment like lining, fusing, and interlining.
5. To evaluate the construction details of shirt, waist coat and trouser.
6. To create complete knowledge about the constructional details of men's tailored garments

Suggested Readings:

- Armstrong, H.J., "Pattern making for fashion design", Pearson, 5th edition 2018.
- Aldrich, W., "Metric pattern cutting for Men's wear", Wiley, 5th edition, 2005.
- Kim, M., "Pattern making for Menswear: Classic to Contemporary" Fairchild Books; Spi edition, 2014.

Note: Latest edition of textbooks shall be used.

BFD 553: FUNCTIONAL CLOTHING

Teaching Scheme	Examination Scheme
Lectures: 0	Class Test -6 Marks
Practical: 4 hrs/Week	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 651 Graduation Design Collection

Course Objectives:

1. To give complete knowledge about the importance of clothing.
2. To give knowledge about functional clothing and fashion garments
3. To give knowledge about construction of lingerie wear.
4. To give knowledge about construction of functional clothing for pregnant women.
5. To give knowledge about construction of functional clothing for maternity wear.
6. To give knowledge about construction of functional clothing for people with special needs.

Detailed Syllabus:

Unit I: Introduction to clothing comfort and different types of functional clothing.
Introduction of functional clothing and types of functional clothing
Unit II: Construction of lingerie wear
Design, Drafting, Construction
Unit III: Construction of functional clothing for pregnant women.
Design, Drafting, Construction
Unit IV: Construction of functional clothing for maternity wear
Design, Drafting, Construction
Unit V: Construction of functional clothing for people with special needs
Design, Drafting, Construction

Course Outcomes:

After completing the course, students will be able to:

1. To the aspects and importance of clothing concept.
2. To differentiate between aesthetic and functional properties of garments.
3. To apply about the different types of functional clothing for various purposes.
4. To analyze the construction of lingerie wear.
5. To evaluate the construction of functional clothing for pregnant women and maternity wear.
6. To create the construction of functional clothing for people with special needs.

Suggested Readings:

- Tate, M. T. and Glisson, O. 1961. Family Clothing. United State of America, John Wiley and Sons Inc. pp.142-167.
- Helen Joseph Armstrong, 2011. Patternmaking for Fashion Design, Pearson Education.
- Pamela Powell, 2016. Lingerie Design: A Complete Course, Laurence King Publishing.

Note: Latest edition of textbooks shall be used.

BFD 554: DRAPING TECHNIQUES

Teaching Scheme	Examination Scheme
Lectures: 0	Class Test -6 Marks
Practical: 4 hrs/Week	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 651 Graduation Design Collection

Course Objectives:

1. To impart knowledge about the importance of draping in fashion field.
2. To give knowledge about principles and techniques of draping basic patterns.
3. To give actual demonstration for dart manipulation in draping.
4. To explain the procedure of draping princess bodice, cowls, and pleated garments.
5. To give actual demonstration for Halter, surplice, and midriff yoke.
6. To give knowledge about draping a finished garment using different elements.

Detailed Syllabus:

Unit I: Introduction to Draping
Principles of draping, Methods of Draping, Draping Techniques, Tools and equipment's needed, Dummy Preparation.
Unit II: Draping of Basic Sloppers
Bodice, skirt, and sleeve.
Unit III: Bodice variations using dart manipulation
Center front waist dart, Mid-neck dart, shoulder tip dart, mid armhole, and French dart
Unit IV: Draping of
<ul style="list-style-type: none">• Princess bodice,• Cowls• Pleated garments.
Unit V: Draping of
<ul style="list-style-type: none">• Halter• Surplice• Midriff yoke.
Unit VI: Final Garment

Course Outcomes:

After completing the course, students will be able to:

1. To remember about the importance techniques and principle of draping
2. To understand importance of draping technique in field of fashion industry.
3. To apply about the draping of basic pattern
4. To analyze procedure of dart manipulation by draping techniques.
5. To explain the draping procedure of princess, cowl and pleated garments.

6. To explain the procedure for draping Halter, surplice and midriff yoke.

Suggested Readings:

- Armstrong, H.J., Draping for Apparel Design. 2013. 3rd Revised edition. Bloomsbury Publishing India Private Limited.
- Jaffe, H and Relis, N., Draping for Fashion Design. 1994. 2nd edition. Pearson Education (US).
- Crawford, C.A. The art of Fashion Draping. 2012. 4th Edition. Fairchild Books
- Christain, N. The Art of Draping. 2011. Esmode Editions.
- Cloake, D. Cutting and Draping Party and Eveningwear: Dressmaking and pattern cutting for special occasion clothes. 2016. Batsford Ltd.

Note: Latest edition of textbooks shall be used.

BFD 555: GRADING

Teaching Scheme	Examination Scheme
Lectures: 0	Class Test -4 Marks
Practical: 2 hrs./Week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 651 Graduation Design Collection

Course Objectives:

1. To make students aware about role of grading in garment industry.
2. To give knowledge about grading terminology.
3. To explain the different approaches for grading different pattern.
4. To impart knowledge to develop the grading rules for different basic pattern.
5. To give knowledge about working on Cartesian paper.
6. To explain the grading of different basic patterns.

Detailed Syllabus:

Unit I: Introduction Pattern Grading
Introduction, pattern terminology, grading terminology
Unit II: Methods of Grading
Unit III: Grading on the Cartesian graph
The Cartesian graph, Cardinal points, pattern orientation, developing grade rules.
Unit IV: Grading the Basic pattern set
Grading procedure for bodice front, bodice back, skirt front and back, sleeve.
Unit V: Computerized grading.

Course Outcomes:

After completing the course, students will be able to:

1. To remember complete knowledge about the importance of grading in textile industry.
2. To understand the fundamentals of manual and machine grading.
3. To apply the terminology related to grading
4. To evaluate difference between the rules for basic patterns.
5. To analyze the different methods of grading
6. To develop and grade the basic and designer pattern.

Suggested Readings:

- Mullet, K. K., Moore, C.I., Prevatt Young, M.B. Concepts of Pattern Grading: Techniques of Manual and Computer Grading, 2nd Edition, Fairchild Books. 2008.
- Cooklin, G., Pattern Grading for Women's Clothes: The Technology of Sizing, Wiley India Pvt Ltd. 2009.
- Cooklin, G., Pattern Grading for Men's Clothes, Wiley, 1993.
- Price, B., Jeanne and Zamkoff. Grading Techniques for Modern Design. 4th edition, Fairchild Publishing, 1985.
- Goulbourn, M., Introducing Pattern Cutting, Grading And Modeling, Batsford, 1971.

Note: Latest edition of textbooks shall be used.

BFD 556: SUMMER INTERNSHIP REPORT

Teaching Scheme	Examination Scheme
Lectures: 0	Class Test -4 Marks
Practical: 2 hrs/Week	Teachers Assessment – 2 Marks
Credits: 1	Attendance – 4 Marks
	End Semester Exam – 15 marks

Prerequisite: BFD 651 Graduation Design Collection

Course Objectives:

1. To make students aware about role of garment industry.
2. To make aware about the work flow process of different department.
3. To apply the knowledge learned in the ILI in garment industry.
4. To learn the various paper work involved in various industry.
5. To collect the various trims and fabrics to get the industrial knowledge.
6. To developed the report file according to the research done during the internship.

Detailed Syllabus:

Unit I: Internship report

- Orientation of the garment factory, name and address, area and site details of the factory, nature of the construction of the factory, product range of the factory, rules and regulations of the factory
- Manufacturing process followed by the factory, significance of the plant layout with respect to the manufacturing process, technical details of the manufacturing department,
- Organizational setup, categorize the number of workers, employed department-wise, number of supervisory staff and general staff, yearly turnover.

Unit II: Presentation & Viva

In this semester, students are required to present a dissertation reporting all the aspects of the work and defend the reports in a seminar arranged for the purpose of final assessment as per university norms.

Course Outcomes:

After completing the course, students will be able to:

1. To remember complete knowledge about the Fashion Industry.
2. To understand the work process of all departments.
3. To apply the terminology and technique used in ILI.
4. To analyze the rules of industry.
5. To evaluate the different between the various departments involved in the garment industry.
6. To create the final report on the basis of industry visit.

BFD 651: HUMAN VALUES & ETHICS

Teaching Scheme	Examination Scheme
Lectures: 4 hrs./Week	Class Test -12 Marks
Tutorials: Nil	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Prerequisite: Basic requirement for fulfillment of human aspiration.

Course Objectives:

1. To help students distinguish between values and skills, and understand the need, basic guidelines, content and process of value education.
2. To help students initiate a process of dialog within themselves to know what they ‘really want to be’ in their life and profession.
3. To help students understand the meaning of happiness and prosperity for a human being.
4. To facilitate the students to understand harmony at all the levels of human living, and live accordingly.
5. To facilitate the students in applying the understanding of harmony in existence in their profession and lead an ethical life.

Detailed Syllabus:

Unit 1: Need for value education, Self-Exploration, Happiness and Prosperity, Basic Features of a good human, life management.
Unit 2: Understanding Harmony in Human Being, Social Health and Concept of Dharma.
Unit 3: Understanding harmony in family and relations, value of trust and relationship management, Role of religion in human life.
Unit 4: Understanding Harmony in environment, Role of individuals in nation building, Conscious Business.
Unit 5: Comparison of Indian and western view of ethics and value.

Course Outcomes:

After completing the course, students will be able to:

1. Understand the significance of value inputs in a classroom and start applying them in their life and profession.
2. Distinguish between values and skills, happiness and accumulation of physical facilities, the Self and the Body, Intention and competence of an individual, etc.
3. Understand the value of harmonious relationship based on trust and respect in their life profession.
4. Understand the role of human being in ensuring harmony in society and nature.
5. Distinguish between ethical and unethical practices, and start working out the strategy to actualize a harmonious environment wherever they work.

BFD 651: GRADUATION DESIGN COLLECTION

Teaching Scheme	Examination Scheme
Lectures: 0	Class Test -15 Marks
Practical: 16 hrs./Week	Teachers Assessment – 10 Marks
Credits: 8	Attendance – 15 Marks
	End Semester Exam – 150 marks

Prerequisite: Industrial sector and Designing Sector

Course Objectives:

1. To impart skill to design and present their own collection starting from inspiration and conceptualization.
2. To explain the complete process of design development and the presentation of their collection to invite trade audience.
3. To explain how fashion shows are organized and performed.
4. To learn about different process like design process, sourcing, styling, pattern making, proto typing, required accessories involved before presenting the collection.

Detailed Syllabus:

Unit I: Concept Creation & Presentation

1. Discussion with the student on the inspiration for Design collection. 3 themes per student.
2. Field work by students; collecting inspirations in terms of images, cuttings, videos, fabrics, etc
3. Presentation of the same to internal mentors. Finalize on one theme for final design collection.
4. Creation of design boards
 - Moodboard,
 - Storyboard,
 - Client board,
 - Illustration sheet, (Minimum of 8 ensembles per collection)
 - Flat specs
 - Color Boards
 - Swatch Card
 - Embellishment/print board
 - Trims/accessory board
 - and cost sheet.

Unit II: Drafting

1. Preparation of drapes/pattern for each garment.
2. Stitching and toile fittings on models.
3. Presentation to concerned faculty for fitting issues and finalizing pattern.

Unit III: Preparation and Creation of Final Range

1. Purchase of fabrics and trims for final garments.
2. Cutting of final garments.
3. Stitching of 3 ensembles of final collection.
4. Presentation of the same to Internal Jury for assessment/changes/comments.
5. Incorporate changes if any and proceed with the execution.
6. Completion of stitching of final collection.
7. Final trial fit on the Models prior to Fashion Show.
8. Assessment of finishing/fit of the garments by concerned faculty

Unit IV: Presentation of collection in a fashion show

Ready for fashion show (8 garments)

Fashion Show of the Final Collection with complete look (including accessories, footwear, makeup, etc.)

Final assessment on ramp presence and appeal

Course Outcomes:

After completing the course, students will be able to:

1. To remember importance of different patterns making technique in field of fashion industry.
2. To understand the importance of inspiration and theme for collection.
3. To apply the importance of each step-in design collection.
4. To analyze how garment collection is prepared and presented.
5. To evaluate how fashion shows are organized and performed.
6. To create the importance of fashion shows in design sector to invite trade audience.

Note: Please note that since this is a project-based subject the students would not be consulting books except for pattern making but instead would have to conduct surveys and search for websites relating to fashion forecasts so that they can prepare their collection accordingly

BFD 652: PORTFOLIO DEVELOPMENT

Teaching Scheme	Examination Scheme
Lectures: 0, Tutorial: 1 hrs./Week	Class Test -6 Marks
Practical: 2 hrs./Week	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: BFD 651 Graduation Design Collection, Industrial sector, and Designing Sector

Course Objectives:

1. To give complete knowledge to students about how to display their work on professional level.
2. To give an overview on digital medium to display their work.
3. To explain the concept of Portfolio Development in fashion world.
4. To give knowledge about various websites and social media to display their work.
5. To develop the portfolio on professional level.
6. To develop the final portfolio file.

Detailed Syllabus:

Unit I: Introduction to digital Portfolio preparation.
Unit II: Digital portfolio.
Unit III: Development of Portfolio based upon designs made in Graduation Design Collection.
Unit IV: Portfolio Presentation.

Course Outcomes:

After completing the course, students will be able to:

1. To remember the various platforms to display their work
2. To understand about the various methods to display their work professionally
3. To apply the previous semester work creatively and develop the file.
4. To analyze the uniqueness of their work in fashion industry.
5. To evaluate the importance to display their work professionally.
6. To create the final portfolio digitally or manmade.

Note: Please note that since this is a project-based subject the students would not be consulting books except for pattern making but instead would have to conduct surveys and search for websites relating to fashion forecasts so that they can prepare their portfolio accordingly.

BFD 653: MATERIAL STUDIES

Teaching Scheme	Examination Scheme
Lectures: 0, Tutorial: 1 hrs./Week	Class Test -6 Marks
Practical: 2 hrs./Week	Teachers Assessment – 3 Marks
Credits: 2	Attendance – 6 Marks
	End Semester Exam – 35 marks

Prerequisite: Industrial sector, and Designing Sector

Course Objectives:

1. To give complete knowledge to students about the materials.
2. To give an overview on sustainability.
3. To explain the concept of market survey.
4. To give knowledge of customer perception and behavior.

Detailed Syllabus:

Unit I: Introduction to creativity
Activity of creative thinking Explore different medium for creative designing & art (Multimedia, magazines, newspapers etc.)
Unit II: Introduction to mind mapping
Develop a mind mapping on a particular topic. Understanding of properties and dimensions of the basic materials Solid Plaines Linens Granules
Unit III: Introduction to sustainability
Waste material utility – Using various waste materials. Develop a garment/Product using given materials: Paper, Wood, Iron Strings, Iron Rods, Wires, Ropes, Straw, Leather, Foil, Metals, Glass, Thermal, Synthetic Mat, Fibers, Plastic bag etc.
Unit IV: Market Survey
Individual Students are expected to conduct a market survey. The survey has to be conducted as follows. Apparels – Design Features, Material, Textile Utilized Accessories – Design Features, Material, Textile Utilized etc. Customers Perception and Behavior Resources Availability etc.

Course Outcomes:

After completing the course, students will be able to:

1. To remember the various platforms to sourcing the materials.
2. To understand about their work professionally
3. To apply how we can creatively display our work on social media
4. To analyze the uniqueness of their work in fashion industry.

5. To evaluate the importance to display their work professionally.
6. To groom themselves in market or industry.

Note: Please note that since this is a project-based subject the students would not be consulting books except for pattern making but instead would have to conduct surveys and search for websites relating to fashion forecasts so that they can prepare their portfolio accordingly.