

GURU KASHI UNIVERSITY



Bachelor of Science in Fashion Design

Session: 2024-25

Department of Fashion Design

GRADUATE OUTCOMES OF THE PROGRAMME:

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

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

1. Demonstrate proficiency in creative fashion design, including the ability to conceptualize and develop original fashion collections, incorporating innovative and trendsetting elements.
2. Possess strong technical skills in various aspects of fashion design, such as patternmaking, garment construction, draping, and sewing, enabling them to bring their design concepts to life with precision and craftsmanship.
3. Conduct thorough fashion research, including trend analysis, market research, and historical exploration, to inform and inspire their design work.
4. Develop an understanding of ethical and sustainable principles in fashion design considering environmental, social, economic, and political impacts of climate change.
5. Apply strong visual communication skills, including fashion illustration, technical drawing, and digital design, allowing them to effectively convey their design concepts and ideas to various stakeholders.
6. Prepared for careers in the fashion industry, possessing the skills necessary to navigate the complexities of the field, including ethical considerations, entrepreneurship, collaboration, and market awareness.

Bachelor of Science in Fashion Design							
Semester: I							
Sr No.	Course Code	Course Name	Type of course	L	T	P	No. Of Credits
1	BFD101	Elements of design	Core	4	0	0	4
2	BFD102	Fashion Art & History	Core	4	0	0	4
3	BFD105	Elements of Design Lab	Skill Based	0	0	6	3
4	BFD106	Drafting & Pattern Making Lab	Skill Based	0	0	6	3
5	BFD109	Fashion Illustration Lab-I	Compulsory Foundation	0	0	4	2
6	BFD111	Fundamental of Computer	Entrepreneurship	2	0	0	2
7	BFD112	Environmental Studies	Multidisciplinary	3	0	0	3
Total				13	0	16	21

Semester: II							
Sr.No	CourseCode	Course Name	Type of course	L	T	P	No. Of Credits
1	BFD201	Sewing Techniques & Equipment	Core	4	0	0	4
2	BFD210	Computer Aided Fashion Design-1	Core	4	0	0	4
3	BFD204	Sewing Techniques & Equipment-Lab	Skill Based	0	0	6	3
4	BFD215	Communication Skills	AEC	2	0	0	2
6	BFD212	Mehndi Design	VAC	0	0	4	2
7	BFD299	XXXX	MOOC	-	-	-	3
Disciplinary Elective-I (Any one of the following)							
8	BFD206	Textures & Prints	Disciplinary Elective-I	0	0	6	3
	BFD207	Pattern Making					
Disciplinary Elective-II (Any one of the following)							
9	BFD213	Fashion Stylization and Designing	Disciplinary Elective-II	3	0	0	3
	BFD214	Colour Techniques					
Total				13	0	16	24

Semester: III							
Sr. No.	CourseCode	Course Name	Type of course	L	T	P	No. Of Credits
1	BFD301	Colour Concepts & Colouration	Core	4	0	0	4
2	BFD302	History of Indian costumes	Core	4	0	0	4
3	BFD303	Fashion Draping & Custom Clothing	Skill Based	0	0	6	3
4	BFD310	Computer Aided Fashion Design-2	Skill Based	3	0	0	3
5	BFD311	Tattoo Making	VAC	0	0	4	2
6	BFD399	XXXX	MOOC	-	-	-	3
Disciplinary Elective-III (Any one of the following)							
7	BFD306	Fibre & Yarn Science	Disciplinary Elective-III	3	0	0	3
	BFD307	Fashion Art & Design					
Open Elective Course (For Other Department)							
8	XXXX		IDC	0	0	4	2
Total				14	0	14	24
Open Elective Courses							
9	OEC012	Design Sketching	Open Elective	0	0	4	2
10	OEC026	Personality Development					

Semester: IV							
SrNo.	Course Code	Course Name	Type of course	L	T	P	No. Of Credits
1	BFD401	History of World Costumes	Core	4	0	0	4
2	BFD402	Fashion Marketing	Core	4	0	0	4
3	BFD403	Fashion Illustration Lab-II	Skill Based	0	0	6	3
4	BFD411	Dyeing and Printing	Elective Foundation	0	0	6	3
5	BFD412	Punjabi Compulsory	Multidisciplinary	3	0	0	3
Disciplinary Elective-IV (Any one of the following)							
6	BFD407	Fashion Business	Disciplinary Elective-IV	3	0	0	3
	BFD408	Retail Merchandising & management					
Disciplinary Elective-V (Any one of the following)							
7	BFD413	Fashion Show & Fashion Accessories	Disciplinary Elective-V	0	0	6	3
	BFD414	Clothing Care and Maintenance					
Total				11	0	18	23

Semester: V							
Sr. No.	Course Code	Course Name	Type of course	L	T	P	No. Of Credits
1	BFD501	Knitting Technology	Core	4	0	0	4
2	BFD502	Apparel Manufacturing Technology	Core	4	0	0	4
3	BFD503	Knitting Technology lab	Skill Based	0	0	6	3
4	BFD511	Surface Ornamentation	Skill Based	0	0	6	3
5	BFD512	Fashion Jewellery Making	VAC	0	0	4	2
6	BFD513	Textile Studies	Compulsory Foundation	2	0	0	2
7	BFD599	XXXX	MOOC	-	-	-	3
Disciplinary Elective-VI (Any one of the following)							
8	BFD507	Advanced Styling and Fashion forecasting	Disciplinary Elective-VI	3	0	0	3
	BFD508	Production Management					
Total				13	0	16	24

Semester: VI							
Sr. No.	Course Code	Course Name	Type of course	L	T	P	No. Of Credits
1	BFD601	Internship (6 Months)	Skills Based	0	0	0	20
Total							20

Evaluation Criteria for Theory Courses

A. Continuous Assessment: [25 Marks]

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

CA2: Assignment(s) (10 Marks)

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

B. Attendance: [5 Marks]

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

D. End-Term Exam: [40 Marks]

SEMESTER-I**Course Title: Elements of Design****Course Code: BFD101**

L	T	P	Cr.
4	0	0	4

Total Hours:60**Learning Outcomes:**

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

1. Innovate and experiment with design elements to create unique and compelling visuals or products.
2. Formulate informed judgments about design solutions, considering aesthetics, functionality, and user experience.
3. Apply design projects that incorporate specific design elements to achieve defined goals.
4. Interpret the impact of design choices on user experience and perception.

Course Content**UNIT I****16 hours**

Elements of design-Line- Different types of line, application of line in designing (effect of length and thickness to create illusion), Texture- Factors affecting textures, Form-Shape/silhouettes, Colour- Colour Dimensions of colour- hue, Intensity, value, Aspects of colour-warm cool, Advancing, receding, dark, pale and bright. Colour wheel-Primary colors, secondary colors, and tertiary colors. Basic colour schemes- achromatic, analogues, monochromatic, complimentary, and neutral Space.

UNIT II**13 hours**

Principles of design-Balance, Rhythm, Emphasis, Harmony/ unity, proportion, Selection of clothing according to the Element and Principal of design. Define collage- types of collage. Designing of clothes for different age groups using principles and elements of design and its advantages on appears

UNIT III**17 hours**

Design concept- Definition and understanding aspects of design, Classification of design: Applied-Painting, Embroidery, Dyeing, Printing and Finishing, Structural-Through variation in fibre, yarn, fabric formation and development, Types of motifs- Natural, Stylised, abstract/ modern, Religious Designs in Fabric- Motifs and patterns Importance of fabric design in garment construction, Effect of fabric design on body appearance, understanding layouts and repeats of patterns in garments

UNIT IV**14 hours**

Design process, Research in relation to design, Exploration and Conceptualization of design, Design development and design worksheet,

Factors affecting the choice of Clothing for Different age groups (infant, creeper, School child, pre-adolescence, adolescents, adults, old-age group), occasions, personality and Seasons Various types of figures, selecting and designing clothing according to figure types.

Transaction Mode

Lecture, Seminar, e-Team Teaching, e-Tutoring, Dialogue, Peer Group Discussion, Self-Learning, Collaborative Learning and Cooperative Learning

Suggested Readings

- *Bustanoby.J.H., 1947 Principles of colour & colour mixing., Mc Graw Hill Book Company, New York, London,*
- *Gupta Sushma and Garg Neeru ,2018 Text book of clothing & textile, Publisher kalyani*

Course Title: Fashion Art & History**Course Code: BFD102**

L	T	P	Credits
4	0	0	4

Total Hours:60**Learning Outcomes:**

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

1. Memorize important fashion trends, styles, and movements throughout history.
2. Apply knowledge of fashion history to analyse and recreate period-appropriate clothing.
3. Innovate within the fashion industry by blending historical styles with contemporary elements.
4. Assess the significance of particular fashion designers, fashion shows, or collections in the context of fashion history.

Course content**UNIT I****17 hours**

Fashion: Terminology, Cycle influence, Elements of fashion design, history of fashion, Fashion flow chart, Fashion designers - American, European & others, Fashion centres of world, Principles of fashion, Classification of fashion, Theories of Fashion, Fashion shows, Formal fashion shows, Designer trunk shows, Informal fashion shows, FASHION PRODUCERS- What is Couture and haute couture? Fashion Direction and Fashion Editors, Define the basic functions of Line & Knockoffs

UNIT II**13 hours**

Story of fashion from 1890 to 2010 Italian and French influences on global fashion: Ancient fashion: study Egyptians, Greeks, Mesopotamians, and Romans. Asian fashion history: students will learn about east Asian costume history. Europeans fashion history. History from Britain, France, Spain and Austria- Hungary.

UNIT III**16 hours**

Indian Fashion history: Changing scenario of Indian costumes, Costumes and fashions in the Mohenjo-Daro period, Rajasthan style of sari of the 15th century, Influence of British rule on Indian fashion in 1920, 1930's fashion of long flared skirts in the west and its influence in India, Independence movement and its influence in using in khadi.

UNIT IV**14 hours**

Christian Dior's New Look of pencil slim skirt and its influence in India, Late 1980's, and hi boom designer fashion wear. Traditional Textiles of India Kanchipuram, Pochampalli, Bandhani, Patola, Paithani, Irkali, Kalamkari,

Bhagru, Sanganeri, Madhubani, Worli., Banarasi Brocade, Chikankari, Kantha, Phulkari, Chamba, Kathiawar, Maheshwari, Kasava, Sambalpuri, Baluchari, Jamdani & Chanderi.

Transaction Mode

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- *Metzger, P. W., The Fashion Art of Perspective: The ultimate guide for Artists in every medium by North Light Book, Ohio, 2007*
- *The Business of Fashion Art: Designing, Manufacturing and Marketing” by Leslie Davis Burns and Kathy K Mullet*

Course Title: Elements of Design Lab**Course Code: BFD105**

L	T	P	Credits
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

1. Recall and identify the basic elements of design, such as line, shape, color, texture, and space.
2. Apply knowledge of design elements to create simple visual compositions or artworks.
3. Demonstrate proficiency in using design software or tools to manipulate design elements effectively.
4. Compare and contrast how different designers or artists employ design elements to achieve specific effects.

Course Content**UNIT I****11 hours**

Draw different designs using Elements of design. Draw different designs using principals of design. Color wheel-primary color, secondary color, tertiary color.

UNIT II**12 hours**

Draw design using Color Aspects in designs -warm, cool, hot, cold, dark, pale and bright. Make design of achromatic, analogues, monochromatic, complimentary, and neutral color, schemes. Make different types of collage.

UNIT III**12 hours**

Different textures – thread pulling; thread crumple, thread rolling, blade effects, jute, thumb, comb, ink blow, sponge effect.

UNIT IV**10 hours**

Texture of fabrics- silk, satin, velvet, denim, corduroy, Rendering techniques.

Transaction Mode

Problem- solving, Collaborative Learning, Practical Application, Peer Group Discussion, Self-Learning

Suggested Readings

- *Sinha P.K. and Sinha P., 2002, Foundations of Computing, First Edition,*
- *Sanders D. HM Graw Hill, 1988. Computers Today, Fourth Edition*

Course Title: Drafting & Pattern Making Lab**Course Code: BFD106**

L	T	P	Cr.
0	0	6	3

Total Hours:45**Learning Outcomes:**

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

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

Course content**UNIT I****11hours**

Standard Measurements chart for children, developing pattern of Basic Bodice Block of a Child and sleeve block. Adaptation of sleeve block to: Set-in-sleeves –Plain, Puff, Cap, Bell, Umbrella, Flared

UNIT II**12hours**

Part bodice in sleeve - Raglan, extend bodice sleeve – Magyar Adaptation of collars: Peter Pan, raised peter pan, Cape, Baby collar, Mandarin, Basic Skirt Block & its adaptation to: Straight skirt, A-line skirt, Gathered, Pleated Circular skirt-full and half.

UNIT-III**10hours**

Pockets – Patch, inseam, bound, flap, Kangaroo pocket, Pattern of kid's casual Wear-Slip, panty and romper.

UNIT IV**12hours**

Drafting for the Basic Bodice Block of a child on full scale. Developing full scale Paper Patterns for basic body block, Collars, Skirts and casual wear.

Transaction Mode

Problem- solving, Collaborative Learning, Practical Application, Peer Group Discussion, Self-Learning

Suggested Readings

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

Course Title: Fashion Illustration Lab-I**Course Code: BFD109**

L	T	P	Cr
0	0	4	2

Total Hours: 45**Learning Outcomes:**

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

1. Understand color units effectively in their design process.
2. Learn about a stick figures in different poses
3. Learn how a figure using texture in the garment
4. Understand light and shade of different types of folds, gathers and shape of fabric in dresses
5. Gain knowledge about face analysis and figure analysis.

Course Content**UNIT-I****12 hours**

Face analysis.

Figure analysis.

Draw features of eyes, nose, ear, lips, face, hands, arms, feet, legs and hairstyles.

UNIT-II**12 hours**

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

Body line reading through different poses.

Make stick figures in different poses.

UNIT-III**11 hours**

Make geometric figure.

Fleshing on block figures.

Illustrate a figure using texture in the garment.

UNIT-IV**10 hours**

Stippling and Hatching.

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

Reference Books:

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

Course Title: Fundamental of Computer**Course Code: BFD111**

L	T	P	Cr
2	0	0	2

Total Hours: 30**Learning Outcomes:**

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

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

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

Computer Fundamentals: Block diagram of a computer, characteristics of computers and generations of computers. Number System: Bit, byte, binary, decimal, hexadecimal.

UNIT II**7 hours**

Computer Codes: weighted and non-weighted code, BCD, EBCDIC, ASCII, Unicode. Input Devices: Keyboard, Mouse, Joy tick, Track Ball, Touch Screen, Light Pen, Digitizer, Scanners, Speech Recognition Devices.

UNIT III**7 hours**

Memories: Units of Memory, Main Memories - RAM, ROM and Secondary Storage Devices - Hard Disk, Compact Disk, DVD. Introduction to Computer Terms like Hardware, Software

UNIT IV**8 hours**

Computer languages: Machine language, assembly language, higher level language, 4GL. Introduction to Compiler, Interpreter, Assembler, Assembling, System Software, Application Software.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings:

- “Foundations of Computing”, P.K. Sinha and P. Sinha, First Edition, 2002, BPB.
- “Computers Today”, D. H. Sanders, Fourth Edition, McGraw Hill, 1988.

- *“Fundamentals of Computers”, V. Rajaraman, Second Edition, Prentice Hall of India, New Delhi, 1996.*
- *“Information Technology”, Satish Jain, Paperback Edition, BPB 1999.*
- *“Fundamentals of Information Technology”, ChetanSrivastva, Third edition, Kalayani Publishers.*

Course Title: Environmental Studies**Course Code: BFD112**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. Recognize the physical, chemical and biological components of the earth's system and show how they function.
2. Do Independent research on human interaction with the environment
3. Implement work improvement techniques in an organization where they undergo for in-plant training.
4. Understand about Social Issues and the Environment, which are essential for the employability

Course Content**UNIT-I****12 hours****The Multidisciplinary nature of environmental studies**

Definition, scope and importance

Need for public awareness.

Natural Resources:

Renewable and non-renewable resources:

Natural resources

a) Forest resources:

b) Water resources:

c) Mineral resources:

d) Food resources:

e) Energy resources:

f) Land resources:

UNIT-II**11 hours****Ecosystems**

Concept of an ecosystem.

Structure and function of an ecosystem.

Producers, consumers and decomposers.

Energy flow in the ecosystem.

Food chains, food webs and ecological pyramids.

Forest ecosystem

Desert ecosystem

UNIT- III**12 hours****Environmental Pollution**

Definition

Causes, effects and control measures of: -

Air pollution
Water pollution
Soil pollution
Marine pollution
Noise pollution
Thermal pollution

UNIT- IV

10 hours

Social Issues and the Environment

From Unsustainable to Sustainable development
Urban problems related to energy
Water conservation, rain water harvesting, watershed management
Resettlement and rehabilitation of people; its problems and concerns. Case studies.

Human Population and the Environment

Population growth, variation among nations.
Population explosion – Family Welfare Programme.
Environment and human health.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings:

- Agarwal, K. C. 2001, *Environment Biology*, Nidi Publ. Ltd. Bikaner.
- Jadhav, H & Bhosale, V.M. 1995. *Environment Protection & Laws*, Himalaya Pub House, Delhi 284p.
- Rao M. N. & Datta A.K. 1987, *Waste Water Treatment*, Oxford & IBH Publ. Co. Pvt. Ltd.

SEMESTER-II**Course Title: Sewing Techniques & Equipment****Course Code: BFD201**

L	T	P	Cr.
4	0	0	4

Total Hours: 60**Learning Outcomes:**

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

1. Recall and identify basic sewing terminology, such as seam allowance, bobbin, presser foot, and thread tension.
2. Interpret sewing patterns and instructions, including layout diagrams and cutting guides.
3. Apply knowledge of sewing techniques to create basic sewing projects, such as simple garments, home decor items, or accessories.
4. Generate original sewing projects and designs that incorporate advanced sewing techniques and creative elements.

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

Introduction to sewing, sewing equipment's and supplies., Introduction and handling of sewing machines, its parts, their working, Different types of sewing machines.

UNIT II**16 hours**

Threading and bobbin winding, Maintenance- Sewing problems and their solutions. Introduction to threads and needles, their numbers and sizes in relation to different types of fabrics.

UNIT III**13 hours**

Terminology and Classification used in: Collars, Sleeves, Pockets, Yokes, Skirts.

UNIT IV**14hours**

Fabric preparation for garment construction-principle for fabric layout and placing paper pattern and fabric, handling special fabrics, Fabric estimation and its importance. Fitting: Good fitting, Fitting problems and their solution.

Transaction Mode

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- *Doongaji Shree & Pande RoshaniDesh, 2003, Basic Process & Clothing Construction,*
- *Publisher Unique Education Books, Raj Parkas an, 2005, New Delhi.*
- *LataMullickPrem, 2008, Garment Construction Skills.*

Course Title: Computer Aided Fashion Design-1**Course Code: BFD210**

L	T	P	Cr
4	0	0	4

Total Hours: 60**Learning Outcomes:**

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

1. Learn about Corel draw and Adobe Photoshop and difference between raster and vector graphics
2. Understand basic features of CorelDraw and Adobe Photoshop and various page setups.
3. Fundamental of Corel and adobe Photoshop tolls and Concept of layers.
4. Understand importance of computer aided design, which creates employability.

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

Introduction to Corel draw and tools.

Importance and Uses of Corel Draw for Designers.

Bitmap and Vector Images

UNIT-II**16 hours**

Application of various textures and Patterns.

Drawing of fashion figure using different tools.

Knowledge of export/save graphics.

Create textures, prints design in Corel.

UNIT- III**13 hours**

Colour Palette and printing

Introduction to Photoshop and its importance

Tools of Photoshop

UNIT-IV**14 hours**

Opening the Photoshop

Concept of Path, layers

Creating logos, collage, brochures, fliers, story board, mood board, labels, and visiting cards.

Transaction Mode

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- Norton, 2002 *Introduction to Computers*, Peter.
- Bright, 2007 *Introduction to Computer Fundamentals*.
- Peter Shirley 2009, *Fundamentals of Computer Graphics*

Course Title: Sewing Techniques & Equipment's Lab

Course Code: BFD204

L	T	P	Cr
0	0	6	3

Total Hours: 45

Learning Outcomes:

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

1. Describe the relationship between fabric types and appropriate sewing techniques.
2. Interpret sewing diagrams and symbols commonly found in sewing patterns and instructions.
3. Apply knowledge of sewing techniques to create basic sewing projects, such as simple garments, home decor items, or accessories.
4. Generate original sewing projects and designs that incorporate advanced sewing techniques and creative elements.

Course Content

UNIT I

10 hours

Basic Hand Stitches: Basting-even, uneven and diagonal, Tailor's tacks, Back stitch, Hemming- visible and invisible. Application of Fasteners: Buttons and buttonholes, hooks and eyes, hammer ones.

UNIT II

12 hours

Sewing Technology: Exercise of machine's control on speed, paper exercises and fabric exercises, Different types of seams and seam finishes. Seams – Plain, French, run and fell, run and hem, slot, lap, piped, counter seam, counter hem, fringe.

UNIT III

12 hours

Seam finishes– Overcast seam finish, double stitched finish, herringbone finished, edge stitched seam, bound seam finish, pinked seam. Application of shaping devices: Tucks – Plain, cross, shell, released, group. Pleats - knife, box, inverted box, cartridge and kick.

UNIT IV

11 hours

Gathers, Necklines-Round, square, V shape etc. Plackets continuous, 2-piece Zips and Fasteners, Pockets patch, in-seam, patch with pleat, patch with flap. Collars, sleeves Yokes Construction of a baby frock.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Base

Suggested Readings:

- *Doongaji Shree & Pande Roshani, 2004 Desh, Basic Process & Clothing Construction, Publisher Unique Education Books, Raj Parkashan, New Delhi.*

Course Title: Communication Skills**Course Code: BFD215**

L	T	P	Credits
2	0	0	2

Total Hours: 30**Learning Outcomes:**

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

1. Inculcate and expand their writing skills through controlled and guided learning methods.
2. Develop coherence, cohesion and competence in oral discourses through intelligible pronunciation.
3. Apply verbal and non-verbal communication techniques in the professional environment.
4. Acknowledge ability to handle the interview process effectively confidently.

Course Content**UNIT – I****7 hours**

English Language: Sentence, Parts of speech, Tenses, Active passive voice, Direct, Indirect speech, Creative writing& vocabulary, Comprehension passage, Reading of Biographies of at least 10 IT business personalities.

UNIT- II**8 hours**

Business communication: Types, Medias, Objectives, Modals, Process, Importance Understanding Barriers to communication & ways to handle and improve barriers. Listening skills:

UNIT- III**8 hours**

Non-verbal Communication- understanding what is called non-verbal communication, its importance as an individual, as a student, as a worker and as a leader, its types.

UNIT- IV**7 hours**

Reading Skills- to enhance independent reading, Comprehension Passages, News / Magazine articles on stereotype topics, Poems – Abu Ben Ad hem, The Tiger.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings:

- *Raman, Meenakshi & Sangeeta Sharma, 2011 Technical communication principles & practice. Second Edition. New Delhi: Oxford University press.*
- *Kratz, Abby Robinson, 1995 Effective Listening, Toronto: On: Irwin Professional Publishing.*
- *Sanjay Kumar, Pushp Lata, 2015 second edition 'Communication Skills' Oxford university Pren.*

Course Title: Mehndi Design**Course Code: BFD212**

L	T	P	Cr
0	0	4	2

Total Hours: 30**Learning Outcomes:**

1. After completion of this course, the learner will be able to:
2. Understand the Cultural Significance
3. Identify and Use Materials
4. Identify key characteristics of Indian, Arabic, Moroccan, and contemporary mehndi styles.

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

Introduction to Mehndi Art

Overview of Mehndi: History and cultural significance.

Types of Mehndi: Indian, Arabic, Moroccan, and contemporary styles.

Materials Needed: Types of henna, cones, essential oils, and application tools.

Safety and Skin Preparation: Allergy tests, skin preparation, and aftercare.

UNIT II**7 hours**

Basic Techniques and Patterns

Holding the Cone: Proper grip and pressure control.

Basic Shapes and Lines: Dots, straight lines, curves, and spirals.

Simple Designs: Basic flowers, leaves, and vines.

Practice Sessions: Guided practice on paper and practice hands.

UNIT III**7 hours**

Intermediate Patterns and Filler Designs

Advanced Shapes: Swirls, teardrops, and paisleys.

Filler Patterns: Shading techniques, zigzags, and netting.

Practice Sessions: Combining basic shapes to create simple compositions.

UNIT IV**8 hours**

Introduction to Different Styles

Indian Mehndi: Intricate patterns, peacocks, and bridal motifs.

Arabic Mehndi: Bold lines and floral patterns.

Moroccan Mehndi: Geometric designs and symmetry.

Contemporary Mehndi: Fusion of traditional and modern elements

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings:

"Mehndi: The Art of Henna Body Painting" by Carine Fabius

Mehndi Designs: Traditional Henna Body Art" by Marty Noble

"Mehndi: The Timeless Art of Henna Painting" by Loretta Roome

"Mehndi Designs: Traditional Indian Body Art" by Pavan Choudary

"The Art of Mehndi" by Sumita Batra

Course Title: Texture & Prints**Course Code: BFD206**

L	T	P	Cr
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

1. List the key elements and principles of design that relate to textures and prints.
2. Apply knowledge of textures and prints to create original textile patterns or designs.
3. Demonstrate proficiency in using various techniques to create or reproduce specific textures and prints.
4. Analyze existing textile designs and artworks to identify the use of textures and prints.

Course Content**UNIT I****12 hours**

Introduction to Printing - difference between dyeing and printing. Historical development of printing methods-block, stencil, screen, roller and rotary screens used at cottage and industrial level.

UNIT II**10 hours**

Definition of printing Pre-treatment's required ingredients for printing (Thickening agent, Mordents, oxidizing and reducing agent etc.) Preparation of printing paste recipes

UNIT III**12 hours**

Styles of printing – direct style, dyed, resist style, discharge style and raised style Special printing procedures- Polychromatic dyeing, Transfer printing, Carpet printing, Flock printing Finishing and after treatment of printed goods at cottage and industrial level

UNIT IV**11hours**

Organization of the textile industry: Centralized and Decentralized sectors, handlooms, co-operative and export trends, multinational companies.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings:

- *Rebecca Atwood.,2016. Living with Pattern: Color, Texture, and Print at*
- *Stephen A. Bernhardt 1993, The Shape of Text to Come: The Texture of Print on Screens,*

Course Title: Pattern Making**Course Code: BFD207**

L	T	P	Cr
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

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

Course Content**UNIT I****11 hours**

Kids' Shirts - Drafting of Kids' shirt - Adaptation of the Kids 'shirt to various styles, Developing patterns of the various styles (3 styles).

UNIT II**12 hours**

Lady's Shirts - Drafting of lady's shirt -Adaptation of the lady's shirt to various styles, developing patterns of the various styles (3 styles).

UNIT III**12 hours**

Male's Shirts - Drafting of Male's shirt - Adaptation of the Male's shirt to various styles, developing patterns of the various styles (3 styles).

UNIT IV**10hours**

Drafting of kalidar kurta, churidar pyjama, Different types of Shirt's.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings:

- *Pattern Cutting and Marking up: The professional Approach- CBS Publisher, Delhi*
- *Pattern Making for Fashion Design- Harper Collins College Publishers, New York*
- *The Complete Book of Sewing – London: Dorling Kindersley Ltd.*
- *Textbook of Fundamentals of Clothing Construction- ICAR New Delhi*

Course Title: Fashion Stylization and Designing**Course Code: BFD213**

L	T	P	Cr.
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. Recall and identify key fashion terminology, including terms related to fabrics, silhouettes, and design techniques.
2. Apply knowledge of fashion design principles to create original fashion sketches and illustrations.
3. Generate original fashion design concepts and ideas for various occasions, styles, and target audiences.
4. Innovate and experiment with fashion design techniques and materials to create unique and trend-setting designs.

Course content**UNIT I****12hours**

Free Hand Sketching of Different, Types of Line, Line sketches in pencil & ink. Geometric construction of two dimensional geometric shapes and forms.

UNIT II**11hours**

Drawing Texture: Fabric rendering, Plain cotton, Chiffon, Mesh/ net, Tissue, Brocade, Denim, Corduroy. Fabric rendering according to weight, fall and opacity.

UNIT-III**10hours**

Female croqui (8.5, 10.5, 12.5); Block figure & Stick figure, 3/4 half, back view. Male Croqui, Casual wear, Formal wear.

UNIT IV**12 hours**

Sketching of Necklines, Collars, Sleeves, Yokes, Gathers, pleats, Bows and ties, Caps and hats, Pockets, cascades, Belts, Style lines.

Transaction Mode

Problem- solving, Collaborative Learning, Practical Application, Peer Group Discussion, Self-Learning

Suggested Readings

- *The little dictionary of Fashion: A guide to dress sense for every Woman by Christian Dior.*
- *Fashion – Oxford History of Art by Christopher Beward.*
- *The Beautiful Fall by Alicia Drake.*

Course Title: Colour Techniques**Course Code: BFD214**

L	T	P	Cr.
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. Recall the primary colors, secondary colors, and tertiary colors on the color wheel.
2. Apply knowledge of color theory to create color palettes for various design projects.
3. Analyze the use of color in artworks, designs, and advertisements to understand the intended emotional and visual impact.
4. Assess the effectiveness of color choices in achieving specific design objectives and conveying messages.

Course Content**UNIT I****12hours**

Introduction to Color. Color has distinct the aspects- light, pigment & sensation. Color Theory, Color Harmony, Color Context, Significance of Color, Physical Responses.

UNIT II**10hours**

Color has Three Properties: Hue, Value & Intensity, Color Principles Primary & Complementary Colors, Tertiary Colors and Analogous Colors.

UNIT-III**11hours**

Color in Art & Design. What is Design, Color Value and Intensity in Product Art & Design, Aesthetics in Design, Modern Art & Design- Readymade, Architecture & Design.

UNIT IV**12hours**

Color Perception Color Illusion, Application in Art & Design. Psychological Perception of Color: Color can show- dimension, weight, movement, temperature, identity, old or new, intrinsic value, appealing or repulsive, acceptance or rejection, fashion and emotional effect.

Transaction Mode

Problem- solving, Collaborative Learning, Practical Application, Peer Group Discussion, Self-Learning

Suggested Readings:

- *Colour – Art & Science, Trevor Lamb and Janine Bourriau, Cambridge University Press, 1995*
- *Cognition and the Visual Arts, Robert L. Solso, MIT Press, 1996*
- *The Art of Color, Johannes Itten, Wiley, 1997*

SEMESTER-III**Course Title: Colour Concepts & Colouration****Course Code: BFD301**

L	T	P	Cr
4	0	0	4

Total Hours: 60**Learning Outcomes:**

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

1. Enumerate and identify basic color terminology, including primary colors, secondary colors, and complementary colors.
2. Express the principles of color mixing and how colorants like pigments and dyes interact with materials.
3. Demonstrate proficiency in using various coloring techniques, including painting, dyeing, and digital coloring.
4. Assess the effectiveness of color choices in achieving specific design objectives, such as brand identity or visual communication.

Course Content**UNIT I****14 hours**

Fundamentals of Art: Line, Shape, Colour, Tone, Texture. Design: Definition of Design. Composition: Type of Composition.

UNIT II**16 hours**

Structural Design, Decorative Design. Type of Decorative Design: Natural form Design, Decorative form Design, Geometrical form Design, Abstract form Design.

UNIT III**13 hours**

Principals of Design: Repetition, Variety, Contrast, Radiation, Rhythm, Balance, Design and Colour. Gradation. Dominance & Subordination. Proportion, Transition. Harmony, Unity.

UNIT IV**17 hours**

Colour & Colour Theory, Definition of Colour, Colour Knowledge, Artist's Colour Theory. Characteristics of Colour: Hue, Value, Symbolic Meanings of Colours, Colour Mixtures.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- *Interaction of Color by Josef Albers.*
- *Color by Betty Edwards.*

Course Title: History of Indian costumes

Course Code: BFD302

L	T	P	Cr
4	0	0	4

Total Hours: 60

Learning Outcomes:

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

1. Memorize the names and characteristics of traditional Indian garments, such as sarees, dhotis, and turbans.
2. Interpret the cultural and socio-economic factors that have shaped Indian costume history.
3. Evaluate the impact of globalization and modernization on contemporary Indian fashion and costume traditions.
4. Formulate recommendations for documenting and preserving India's costume heritage based on analysis and evaluation.

Course Content

UNIT I

14 hours

Ancient Indian civilization: Indus valley, Vedic period.

UNIT II

16 hours

Gupta period. Mughal period: - Costumes of Pre-Mughal, Mughal and Post-Mughal period.

UNIT III

13 hours

British period: Costumes of Pre-independence -Post-independence period. Evolution of Khadi movement

UNIT IV

17 hours

Traditional costumes of India: General study of the style, fabric, color and patterns used: Costumes of Jammu & Kashmir, Costumes of Punjab, Costumes of Haryana, Costumes of Rajasthan, Costumes of Madhya-Pradesh, Costumes of West Bengal, Costumes of Assam, Costumes of Maharashtra, Costumes of Tamil Nadu, Costumes of Kerala, Costumes of Karnataka

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings:

- *“Indian Costumes” By Gurey G. S, Publisher Popular Book.*
- *“Ancient Indian Costumes” By Roshan Alkazi.*

Course Title: Fashion Draping & Custom Clothing**Course Code: BFD303**

L	T	P	Cr
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

1. Recall and identify basic terminology related to fashion draping, such as muslin, grain line, dart, and seam allowance.
2. Apply knowledge of draping techniques to create custom clothing designs on dress forms.
3. Analyze draped garments to identify the techniques used and how they contribute to the overall design.
4. Assess the effectiveness of draping techniques in achieving specific design objectives, such as style, fit, and drape.

Course Content**UNIT I****12 hours**

Introduction to creative and Contemporary Fashion Draping Fashion Draping with Fabric Manipulation Draping cowls.

UNIT II**11 hours**

Draping a garment using Ruching Technique, draping a garment using Pleating Technique, draping a garment using Fluting technique.

UNIT III**10 hours**

Zero wastage draping, Creative drapes, Draping a bra & bustier with cups.

UNIT IV**12 hours**

Draping Men's garments, transferring the drape on paper to create paper pattern.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings

- *Hilde Jaffe and Nurie Relis, 2011 Draping for Fashion Design, Prentice Hall Crawford*
- *Amaden, The Art of Fashion Draping, Fairchild Publishers.*

Course Title: Computer Aided Design-2**Course Code: BFD304**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. Understand the basic principles of fashion design.
2. Develop proficiency in using CAD software for fashion design.
3. Create technical drawings and digital patterns.
4. Apply digital rendering techniques to visualize designs.
5. Produce virtual prototypes for evaluation and presentation.

Course Content**UNIT I****12 hours**

Introduction to Fashion Design and CAD

Overview of fashion design principles

Introduction to CAD software (e.g., Adobe Illustrator, Adobe Photoshop, or specialized fashion design software)

Basics of digital drawing and editing tools

UNIT II**10 hours**

Technical Drawings and Digital Patterns

Creating technical drawings for garments

Understanding pattern making and grading

Digitizing patterns using CAD software

UNIT III**11 hours**

Digital Rendering Techniques

Applying color and texture to digital designs

Rendering fabrics and materials realistically

Introduction to 3D modelling for fashion design

UNIT IV**12 hours**

Virtual Prototyping

Building virtual prototypes of garments

Exploring virtual fitting and adjustments

Presentation techniques for virtual designs

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings

- *“Introduction to Computers” By Norton, Peter.*
- *“Fundamentals of Computer Graphics” By Peter Shirley.*
- *“Adobe Photoshop and Textile Design” By Frederich L Chipkin.*
- *“Introduction to Computer Fundamentals” By Bright.*

Course Title: Tattoo Making**Course Code: BFD311**

L	T	P	Cr
0	0	4	2

Total Hours: 30**Learning Outcomes:**

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

1. Understand the history and cultural significance of tattooing.
2. Develop proficiency in tattoo design principles and techniques.
3. Learn safety and hygiene practices for tattooing.
4. Gain hands-on experience in tattoo machine operation and skin application.

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

Tattoo Design

Design principles and composition

Sketching and digital design techniques

Customizing designs for clients

UNIT II**7hours**

Safety and Hygiene

Blood borne pathogens and infection control

Sterilization techniques for equipment

Setting up a clean and safe workspace

UNIT III**8hours**

Tattoo Equipment and Techniques

Introduction to tattoo machines and tools

Understanding needle configurations and usage

Practice on artificial skin and fruit

UNIT IV**7hours**

Advanced Techniques and Final Project

Shading and colouring techniques

Cover-up and correction methods

Final project: Design and execute a tattoo under supervision

Transaction Modes:

Group Discussions, Project Based Learning, Video Based Teaching.

Suggested Readings

- "Tattooing A to Z: A Guide to Successful Tattooing" by Huck Spaulding
- "Tattoo Bible: Book One" by Superior Tattoo
- "The Tattoo Encyclopedia: A Guide to Choosing Your Tattoo" by Terisa Green
- "Tattoo Machine: Tall Tales, True Stories, and My Life in Ink" by Jeff Johnson.

Course Title: Fibre & Yarn Science**Course Code: BFD306**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. Memorize the names and characteristics of common natural and synthetic fibers, including cotton, wool, nylon, and polyester.
2. Apply knowledge of fiber properties to select appropriate fibers for specific textile applications, such as clothing or upholstery.
3. Interpret the principles of spinning and yarn formation, including the impact of twist on yarn quality.
4. Innovate and experiment with fiber and yarn manipulation to create unique and visually compelling textile products.

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

Introduction to textile Fibers-Definition, Sources, Classification and properties of textile Fibers Cellulose Fibers-Cotton, flax, kapok, hemp, ramie- Properties and end users, Protein Fibers-Silk, Wool – Properties and end uses.

UNIT-II**12hours**

Regenerated cellulose fibers- Viscose Rayon, Acetate Rayon, Tencel, Modal, Bamboo, Lyocel – production source, properties and end uses , Synthetic fibers-Nylon, polyester, acrylic and moda crylic- properties and end users, Polyethylene, polypropylene, olefin, Elastomeric fibers (spandex and lycra) - End uses.

UNIT-III**11hours**

Yarn manufacturing process for short staple fibers, Spinning Process: - Ring and open end yarn spinning. Flowchart for manufacturing carded, combed yarn and folded yarn, Difference between Rotor, Ring spinning and Air jet spinning

UNIT-IV**12hours**

Polymers - Polymerization, degree of Polymerization, different types of polymers- addition and condensation, orientation and crystalline, characteristics of fiber forming polymers, general physical and chemical properties of fibers. Texturisation - types (simplex and complex yarns) and uses, Blends- types, uses of blended yarns. Sewing threads- types and properties, fancy yarns-types and uses.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings

- Gohl, E.P.G. Velensky, L.D, –*Textile Science*|| CBS Publishers and Distributors,2003
- Hall, A.J. –*The standard hand book of Textiles*||, Wood head Publishing 8th edition,2004
- Vidyasagar,P.V. –*Hand Book of Textiles*||, A. Mittal Publications, 2005
- Sara J. Kadolph, –*Textiles*, Prentice Hall, 10th edition 2007

Course Title: Fashion Art & Design**Course Code: BFD307**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. Classify the importance of fashion illustration in the design process and fashion industry.
2. Interpret fashion design sketches and recognize design elements and principles in existing fashion illustrations.
3. Apply knowledge of fashion illustration techniques to create fashion sketches and drawings.
4. Formulate recommendations for improving fashion illustration and design techniques based on analysis and evaluation.

Course Content**UNIT-I****11 hours**

Design – Types, design development, motif, pattern and layout, design manipulation, Inspiration from nature and history. Types of motifs from India, China, Japan, Persia traditional, stylized, geometric, abstract.

UNIT-II**12 hours**

Fashion design – Definition, Fashion categories based on age and activity – Types- casual, Formal, sports and ethnic. Flat sketch and spec- Its importance and application, design sketching, ways of layout, flats for men, women and children 's wear.

UNIT-III**10hours**

Designing of dress based on figure types- colour combination, various garment to create optical illusion. Clothing and personality, Clothing and attitude, Clothing and motivation, Grooming.

UNIT-IV**12 hours**

A detail study on one Indian and International designer – concept, design, creation and collection of Gianni Versace, coco channel, Balenciaga, Stella McCartney, Anita Dongre, Ritu Kumar, Ritu Beri , Wendell Rodricks, Raghavendra Rathod, Sabyasachi Mukherjee. Study of advanced illustrative Techniques and three dimensional views.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- *Bush. G, " Psychology of clothing", London 1990*
- *Ireland, " Fashion Design illustration- Children", B. T. Batsford, London, 1996.*

Course Title: Design Sketching**Course Code: OEC012**

L	T	P	Cr
0	0	4	2

Total Hours: 30**Learning Outcomes:**

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

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

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

Design Basics – Types, design development, pattern and layout, design manipulation, Inspiration from nature and history. Types of motifs from India, China, Japan Persia traditional stylized, geometric, abstract.

UNIT II**8hours**

Fashion design – Definition, Fashion categories based on age and activity – Types- casual, Formal, sports and ethnic. Flat sketch and spec- Its importance and application, design sketching, ways of layout, flats for men, women and children 's wear.

UNIT III**7hours**

Designing of dress based on figure types- colour combination, various garment to create optical illusion. Clothing and personality, Clothing and attitude, Clothing and motivation, Grooming.

UNIT IV**8hours**

A detail study on one Indian and International designer – concept, design, creation and collection of Gianni Versace, coco channel, Balenciaga, Stella McCartney, Anita Dongre, Ritu Kumar, Ritu Beri , Wendell Rodricks, Raghavendra Rathod, Sabyasachi Mukherjee. Study of advanced illustrative Techniques and three-dimensional views.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings

- *Bush. G, " Psychology of clothing", London 1990*
- *Ireland, " Fashion Design illustration- Children", B. T. Batsford, London, 1996*

Course Title: Personality Development**Course Code: OEC026**

L	T	P	Cr
0	0	4	2

Total Hours: 30**Learning Outcomes:**

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

1. Apply knowledge of effective communication skills to real-life situations and interactions.
2. Analyze one's own strengths, weaknesses, and personality traits to identify areas for improvement.
3. Assess personal progress and growth in areas such as self-esteem, self-confidence, and emotional intelligence.
4. Develop comprehensive personal development plans that address specific goals, challenges, and areas for growth.

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

Confidence, Career, Interview, Motivation, Leadership

UNIT II**7hours**

Communication, Strengths, Weaknesses, Self-Understanding, Optimism

UNIT III**8hours**

Purpose, Passion, Vision, Families, Parenting, Relationships, Assertiveness, Attitude, Organization Efficiency

UNIT IV**8hours**

Body language; Problem-solving, Conflict and Stress Management Decision-making skills: Leadership and qualities of a successful leader. Character building: Team-work Time management: Work ethics, Good manners and etiquette.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings

- Agarwal, K. C. 2001, *Environment Biology*, Nidi Publ. Ltd. Bikaner.
- Jadhav, H & Bhosale, V.M. 1995. *Environment Protection & Laws*, Himalaya Pub House, Delhi 284p.
- Rao M. N. & Datta A.K. 1987, *Waste Water Treatment*, Oxford & IBH Publ. Co. Pvt. Ltd.

SEMESTER-IV**Course Title: History of World Costumes****Course Code: BFD401**

L	T	P	Cr
4	0	0	4

Total Hours: 60**Learning Outcomes:**

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

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

Course Content**UNIT I****13 hours**

Costumes of the Ancient World (300 B.C.-300A.D.). Mesopotamia, Egypt, Greece & Rome, Costumes of the middle Ages (300 A.D.-1500 A.D.) Byzantine

UNIT II**11 hours**

English Costumes: English costumes during middle ages: Early middle ages. Late middle ages.

UNIT III**16 hours**

Renaissance in Italy, Mannerism — 16th century. , Baroque — 17th century to 18th century. Rococo — mid-18th century.

UNIT IV**20 hours**

The French costume, Renaissance in France (1500 A D), Renaissance in France (1600 A D) Renaissance in France (1700 A D), The French revolution and thereafter (1790 A.D.-1900 A.D.) The Directoire and Empire period (1790 A.D.-1820 A.D.) The Romantic period (1820 A.D.-1850 A.D.) The Crinoline period (1850 A.D.-1869 A.D.) The Bustle period (1870 A.D.-1900 A.D.)

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggest Reading

- Torture P.G. & Eubank K. (1995), *Survey of Historic Costume*, New York, Fairchild Publications.
- Sara, P. Tomp&Srah H.2003 *Fashion Costume & Culture, The Ancient World*, Thomas Gale.
- James, L., 2002, *A Concise Costume & Fashion, History*; Thames & Hudson (2nd edition).

Course Title: Fashion Marketing**Course Code: BFD402**

L	T	P	Cr
4	0	0	4

Total Hours: 60**Learning Outcomes:**

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

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

Course Content**UNIT I****14 hours**

Fashion Terminology: Fashion, Fad, Classic, Style, Trends, Apparel, High Fashion, Mass, Fashion, Boutique, Couture, Couturier, Couturier, Taste, and Silhouette Theories of fashion Adoption Fashion Cycle: Stages of Fashion Cycle, length of cycle, broken fashion cycle. Accelerating and Retarding Factors.

UNIT II**13 hours**

Fashion Business: Introduction, Scope, Forms of Business Organisation. Fashion Merchandising: Introduction, role and responsibility of Merchandiser.

UNIT III**17 hours**

Understanding Marketing and Marketing Process: Nature and Scope, Strategic Planning in the Markets: The fashion markets and the marketing environment. Introduction and Development of Fashion Market: Fashion market size and structure. Market Research: Consumer market and behaviour of consumers. International and Domestic Fashion Markets: Haute Couture, Prêt – a- Porter, Mass, Production. Fashion Markets of World: Italy, Paris, India.

UNIT IV**16 hours**

Fashion Forecasting: Trend Analysis, Merchandize planning. , Range Development: Product and range development on the basis of fashion calendar, market research. Advertising - Role and types of Advertising. , Sales Promotion: Techniques, Promotional stores. Fashion Photography – Design Studios. Collection Shows, Fashion Shows, Publicity

Transaction Modes:

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

Suggested Readings:

- *Merchandise Buying & Management, John Donnellan, 2001, FairchildBooks,.*
- *Kitty G. Dickerson, Inside The Fashion Business, 7th Edition, 2003 Prentice hall*
- *Elaine Stone, The Dynamics of Fashion, 2004, Fairchild.*
- *Jay Diamond; Ellen Diamond, The World of Fashion , 2007, Fairchild.*

Course Title: Fashion Illustration Lab-II**Course Code: BFD403**

L	T	P	Cr
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

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

Course Content**UNIT I****12hours**

Work on different variations of basic garments. , Skirts, Trousers, Gowns. Dresses, Shirt, Jacket, Halter dresses, Pants

UNIT II**10 hours**

Introduction to Design Development sheet, Mood boards. Client profile. Illustration sheet, Specification sheet

UNIT III**12 hours**

Designing male and female apparels using any of the following categories themes (assigned by the course faculty). Business wear/career/suits , Dresses ,Outer wear ,Evening wear Swimming & Lingerie

UNIT IV**11 hours**

Bridal , Night wear , Maternity wear , Sportswear , Fashion illustration using headgears, accessory footwear etc.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings

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

Course Title: Dyeing and Printing**Course Code: BFD411**

L	T	P	Cr
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

1. Recognize and identify basic terminology related to dyeing and printing, such as resist techniques, mordents, and pigments.
2. Dramatize knowledge of dyeing and printing techniques to create original textile designs and artworks.
3. Break down complex textile patterns into their constituent elements and design principles.
4. Assess the effectiveness of dyeing and printing techniques in conveying specific design concepts, themes, or messages.

Course Content**UNIT I****12 hours**

Dyes: Introduction and History of Dyes, Definition-Dyes, Colors and Pigments classification of Dyes. Natural Dyes: Vegetable, Animal and Mineral Dyes. Synthetic Dyes: Acid, Basic, Direct, Vat, Sulphur, Reactive.

UNIT II**11 hours**

Stages of Dyeing- Fiber, Yarn, Fabric and garment, Dyeing Process-Fiber, Yarn, Piece of fabric and Product Dyeing. Traditional Dyeing Techniques – Tie and Dye- Bandhini and Leheria, Batik and indigo dyeing.

UNIT III**10 hours**

Method of Dyeing-Batch Dyeing and Combination Dyeing (Cross and Union) Dyeing Auxiliaries. Color Fastness: Fastness to washing, ironing, Perspiration, Crocking.

UNIT IV**12 hours**

Printing: Introduction, Printing Auxiliaries, Types of Printing – Direct, Discharge and Resist printing techniques. Traditional Methods- Block, Screen, Stencil. Modern Methods- Roller Printing, Transfer Printing, Digital Printing, Ink Jet Printing, Laser Printing .

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings:

- Shenai VA “ Technology of Textile Processing , Technology of dyeing (4thEdition) Sewak Publications ,Bombay 1998
- *Color and Design on fabric*, Creative publications, USA, 2000
- *Elementary Textile*, ParulBhatnagar, AbishekPuib, Chandigarh. 2012
- *Textile*, Sara J. Kadolph., Pearson Pub, 2013

Course Title: Punjabi Compulsory**Course Code: BFD412**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. Education their native language briefly.
2. Communicate official letter writing & notice writing
3. Write prissy writing.
4. Determine Punjabi grammar and category of word.
5. Narrate the socio, economic condition of Punjab under the rule of Sikh Culture.

Course Content**UNIT I****12 hours**

ਇਕਾਂਗੀ ਯਾਤਰਾ

1. ਮਾਂ ਦਾ ਡਿਪਟੀ - (ਆਈ.ਸੀ. ਨੰਦਾ)
2. ਦੂਜਾ ਵਿਆਹ - (ਸੰਤ ਸਿੰਘ ਸੇਖੋਂ)
3. ਮਨ ਦੀ ਮਨ ਵਿੱਚ - (ਹਰਚਰਨ ਸਿੰਘ)
4. ਉਧਲੀ ਹੋਈ ਕੁੜੀ - (ਕਪੂਰ ਸਿੰਘ ਘੁੰਮਣ)

UNIT II**11 hours**

ਸੂਫੀ ਕਾਵਿ

5. ਸ਼ੇਖ ਫਰੀਦ
6. ਸ਼ਾਹ ਹੁਸੈਨ
7. ਬੁੱਲ੍ਹੇ ਸ਼ਾਹ
8. ਹਾਸਮ ਸ਼ਾਹ

UNIT III**10 hours**

ਪੈਰਾ ਰਚਨਾ

9. ਪੈਰਾ ਰਚਨਾ
10. ਦਫਤਰੀ ਚਿੱਠੀ ਪੱਤਰ
11. ਇਸਤਿਹਾਰ
12. ਨਿਬੰਧ ਰਚਨਾ (250-300 ਸ਼ਬਦਾਂ ਵਿੱਚ)

UNIT IV**12 hours**

ਭਾਸ਼ਾ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ

14. ਨਾਵ, ਪੜਨਾਵ, ਕਿਰਿਆ, ਵਿਸ਼ੇਸ਼ਣ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ
15. ਸ਼ਬਦ ਸ਼੍ਰੇਣੀਆਂ
16. ਪੰਜਾਬੀ ਦੀਆਂ ਧੁਨੀਆਂ ਦਾ ਵਰਗੀਕਰਨ

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggested Readings:

- Keshar Dr. K.S., *Punjab Kabh*, Edition 2012
- Dugal N .S & Jasvir Kaur ,*Punjabi Grammar & Essay writing*, 13th Edition: 2013

Course Title: Fashion Business**Course Code: BFD407**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. Recall key terms and concepts related to the fashion industry, such as fashion cycles, supply chain, and retail merchandising.
2. Summarize the impact of global markets and international trade on the fashion business.
3. Develop a fashion business strategy that takes into account factors like target audience, competition, and pricing.
4. Assess the financial performance and sustainability practices of fashion companies, considering both short-term and long-term impacts.

Course Content

UNIT- I **12 hours**
 Fashion Business Management – Concept & Definition, Marketing Management Concept, Types of market, understanding of needs, wants & demands, Market research, Market segmentation, Marketing Mix-4Ps.

UNIT- II **10 hours**
 Human Resources Development, Introduction, Recruitment Training / Re-training, Finance Management, Funding / Sources, Financial institution, budgetary planning & Control.

UNIT- III **12 hours**
 Fashion Global Market, Concept, International marketing – procedure, Export/Import documentation, Mode of payments, International Commercial Term Export/Import documentation, Fashion Merchandising, Merchandising - Concept, Role & Responsibility, Type, Process of line, development, Sourcing, Visual Merchandising

UNIT- IV **11 hours**
 Brand Management, Image, Equity, levels & Brand Decisions. Introduction to Retail management, Concept, Formats, Strategy, Policies.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- *Principles and Practice of Management: L.M. Prasad) by Sultan Chand & Sons.*
- *Entrepreneurship and Management: S. Nagendra & V. S. Manjunath by Pearson Education.*
- *Fundamentals of Entrepreneurship: S. K. Mohanty by PHI, Learning Pvt. Ltd.*

Course Title: Retail Merchandising & Management**Course Code: BFD408**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. Memorize the stages of the retail buying process, from vendor selection to assortment planning.
2. Apply retail math and analytics to analyze sales data, forecast demand, and optimize inventory levels.
3. Examine the impact of consumer trends and cultural shifts on retail merchandising decisions.
4. Design a comprehensive visual merchandising plan for a seasonal display or promotional event.

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

Retail Organisational structure store; Buying, Selling, Line and Staff function, Retailing formats, Role and Responsibility of Retail Fashion Buyer. Customer identification, Customer, Planning and role of Buyer.

UNIT- II**12 hours**

Retail store chains – National (Ebony, Fab India, Ritu Wears, Shoppers Stop) and International (Tommy Hilfiger, Spirit. Store Operations. Store merchandise, stores management, Fashion supply changes store retailing, non-store retailing. Speciality store: Single line stores, Single Brand Stores and Multiple line Stores. Departmental Stores Mass Merchants: Discounters, Off Price Retailing, Outlet Stores

UNIT- III**11 hours**

Retail Fashion Promotion: Marketing Channels, Planning and Direction, Retail Advertising, Publicity, Special Events ,Visual merchandise, Personal Selling, Relationship Marketing

UNIT- IV**12 hours**

Brands and labels Purchase Term: Discount, Purchase Order, Payment Terms. Costing: Cost Price, Selling Price, Backward costing.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- *Gini Stephens Frings, Fashion from Concepts to Consumer, 1982, Prentice Hall.*
- *Tony Hines, Fashion marketing, 2006, Butter Worth – Heinemann.*
- *Rosemary Varley, Retail Product Managemnet : Buying and Merchandising, 2005, Routledge.*
- *John Giacobello, Careers in fashion Industry, 2000, Rosel Pub. Group.*

Course Title: Fashion Show & Fashion Accessories**Course Code: BFD413**

L	T	P	Cr
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

1. Describe the purpose and significance of fashion shows in the fashion industry, including their role in showcasing trends and promoting brands.
2. Apply knowledge of fashion show production to plan and execute a mock fashion show event, considering aspects like theme, models, and venue.
3. Analyze the visual and sensory aspects of fashion shows, including the use of color, texture, and movement in runway presentations.
4. Assess the success of fashion accessory collections in terms of creativity, marketability, and consumer appeal.

Course Content**UNIT I****12 hours**

Fashion show rules. Aims and objectives of fashion show. Fashion accessories Design- Introduction, definition. History, Classification Accessory types- Head gears, Foot wear, Bows, ties and belts, Hand bags, Gloves, Scarves, Stoles, Shawl

UNIT II**10 hours**

Finding models for your event. Fashion show model instructions. Materials and processes-leather, straw, fur, wood. Materials required. Material sourcing. Design development & production.

UNIT III**12hours**

Making of fashion show model profile. Designing & construction of garments according to theme for the Fashion show. Trends and Marketing- Fashion trends and marketing of accessories

UNIT IV**11hours**

Selection of theme according to season (spring, summer, autumn, winter). Ramp walk techniques. Jewellery- Jewellery Design and production, Types of Jewellery – precious, costume, bridge.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- *Claire Billcocks, " Century of Bags", Chartwell Books, New Jersey 1997*
- *John Peacock, " Fashion Accessories- Men", Thames and Hudson, London, 1996*
- *John Peacock, " The complete 20th Century Source Book", Thames and Hudson, London, 2000*
- *MalolowBlahnik- Co Collin Mac dolu, " Shoes -Fashion and Fantasies", Thames andHudson, 19*

Course Title: Clothing Care and Maintenance**Course Code: BFD414**

L	T	P	Cr
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

1. Demonstrate proficiency in using laundry appliances and equipment safely and efficiently.
2. Analyze clothing care problems and challenges, such as stubborn stains or delicate fabrics, and propose solutions.
3. Develop strategies for organizing and optimizing clothing storage to prevent damage and clutter.
4. Formulate recommendations for improving clothing care practices, including stain removal techniques and laundry habits.

Course Content**UNIT I****12 hours**

Laundry Soap and Detergents: Fabric Care: Introduction, Need and Importance, Water hard and soft water, methods of softening water. Laundry soaps: Manufacture of soap (Hot process, cold process), composition of soap types of soap.

UNIT II**10 hours**

Laundry Finishing: Stiffening Agents: Starch (cold water and hot water), other stiffening agents, preparation of starch Laundry blues, and their application.

UNIT III**12 hours**

Laundry and Drying Equipment: Laundry equipment for storage, for steeping and Washing Hand Washing Equipment: Wash board, suction washer, wash boiler Machine Washing Equipment.

UNIT IV**11 hours**

Principles of Washing & Laundering of Different Fabrics: Principles of washing: suction washing, wash by kneading and squeezing, washing by machine: Process details and machine details.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- *Textiles fabrics and their Selection – Wingate I B, Allied publishers Ltd, Chennai.*
- *Fundamentals of Textiles and their Care- SusheelaDantyagi , Orient Longmann Ltd (1980).*
- *Family Clothing – Tate of Glession , John Wiley & Sons I n c, Illinois.*
- *4.Household Textiles and Laundry Work – DurgaDuelkar , Amla Ram & Sons, Delhi*

SEMESTER-V**Course Title: Knitting Technology****Course Code: BFD501**

L	T	P	Cr
4	0	0	4

Total Hours: 60**Learning Outcomes:**

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

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

Course Content

UNIT- I **14 hours**
 Knitted garments-introduction, Difference between woven and knitted structures. Classification of knitted garments, Weft knitted fabrics- plain, rib, purl, etc.

UNIT- II **15 hours**
 Warp knitted fabrics- tricot, kitten Rachel, crochet, Milanese knit, simplex. Other knitted constructions- jacquard, pile, fleece, high pile, terry knit, velour knit.

UNIT- III **16 hours**
 Fully cut knitted garments- knit type, uses, fully fashioned knitted garments- knit Type, uses, Integral knitted garments- knit types, uses, Cut stitch shaped knitted garments. - Knit type, uses, processes involved, Seam and stitches used in knitting.

UNIT- IV **15 hours**
 Machinery used for knitted garments- Flat bed, two-bar warp knitting machine, circular jacquard knitting machine, circular pile knitting machine. Quality control, Defects in knitted fabric, Industrial visit.

Transaction Modes:

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

Suggested Readings:

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

Course Title: Apparel Manufacturing Technology**Course Code: BFD502**

L	T	P	Cr
4	0	0	4

Total Hours: 60**Learning Outcomes:**

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

1. Recall key terminology and concepts related to apparel manufacturing, such as stitching, seams, and cutting techniques.
2. Describe the differences between various sewing techniques and seam types, and when to use them.
3. Apply knowledge of garment construction to operate sewing machines and equipment effectively and safely.
4. Design and implement quality control procedures and standards to ensure consistent product quality.

Course Content**UNIT- I** **13 hours**

Organization of Apparel industry. Organization Structure and sectors of Apparel industry. Factors affecting the structure

UNIT- II **14 hours**

Design department-forecasting, designing, collection planning. Sampling department- Pattern making, grading and sampling technology, construction of sample garment. Production and Finishing Department

UNIT- III **17 hours**

Marketing department- calendar, pricing, product planning, costumer, merchandising and sale. Purchase department- supplies, prices, store keeping, inventory management. Finance department- Information management, administration, costing, budgeting. Dispatch department.

UNIT- IV **16 hours**

Garment Inspection using different methods. Applying quality assurance programmers in fabric department, cutting, production. Finishing department: Attaching Buttons, Marking, Sewing, Labels, Cleaning, Final Touches

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching.

Suggest Readings:

- *Janace Bubonia ,2011 Apparel Production Terms &Process*

- *Ruth E. Glock, 2005 Apparel manufacturing-Sewn Product Analysis Grace Publisher Prentice.*
- *Peyton B, Hudson, 1989 Guide to Apparel Manufacturing Publisher Blackwell.*
- *Gini Stephens Frings ,2007 Fashion Concept to Consumer, Publisher Pearson.*

Course Title: Knitting Technology Lab**Course Code: BFD503**

L	T	P	Cr
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

1. List the common types of knitting stitches and their corresponding machine settings.
2. Describe the differences between various knitting techniques, such as single jersey, rib, and interlock.
3. Apply knowledge of knitting machine setup to prepare machines for specific knitting tasks.
4. Develop and present a production plan that optimizes machine usage, minimizes waste, and maintains quality standards.

Course Content**UNIT- I****12hours**

Introduction to knitting industry. Important definition of knitting terms. Working of knitting needles. Loop formation and construction of knitting stitches. Plain stitch, Purl stitch, Miss stitch, Tuck stitch

UNIT- II**11 hours**

Classification of weft knitted fabrics: Single jersey, Rib, Purl knit, Interlock, Double knit fabric, High pile knit, Fully fashioned knit, Knitted terry, Knitted velour, Knitted jacquard, Knitted intarsia, Pique fabric

UNIT- III**12 hours**

Classification of warp knits, Loop structure in warp knit, Identification of warp, knitted fabric, Tricot fabric, Tricot knitting machine, Yarns for warp knitted fabric, Types and properties, Fabric characteristics, Rachel knit fabric, Difference between Rachel and tricot fabric.

UNIT- IV**10 hours**

Production calculation of knitted garment, Production methods of knitted garments, Difference between knitted and woven fabrics, Knitwear Industry of India. Nature of assignment: The basic understanding.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggest Readings:

- *Knitting Technology by: David J. spencer*
- *Kalyani KVP Singh, 1997 Knitting Technology*

Course Title: Surface Ornamentation**Course Code: BFD404**

L	T	P	Cr
0	0	6	3

Total Hours: 45**Learning Outcomes:**

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

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

Course Content**UNIT I****12hours**

Introduction to contemporary embroidery stitches- Stem, back, running, chain, Lazy daisy, blanket, buttonhole stitch, spider's web, fly, French knot, bullion knots, fish bone, Romanian, satin, long & short stitch chevron and herringbone

UNIT II**11hours**

Surface Ornamentation, Appliqué Work, Mirror Work, Patch work, Ribbon Work

UNIT III**10hours**

Smocking, Quilting, Shirring, Cutwork, Sequence work, Bead work

UNIT IV**12hours**

Prepare an article using any above techniques for final submission Ribbon Work, Smocking, Quilting, and Shirring.

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings

- *Shailaja D. Naik 1996 Traditional Embroideries of India, A.P. H Publishing Cooperation New Delhi*
- *Sheila Paine, 1990, Embroidered Textile, Thames & Hudson Ltd*

Course Title: Fashion Jewellery Making

Course Code: BFD512

L	T	P	Cr
0	0	4	2

Total Hours: 30

Learning Outcomes:

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

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

Course Content

UNIT- I

8 hours

Silk Thread Jewellery , Basic about silk thread. Material-Plastic bangles, silk thread, jhumka base, earring base, fevicol, decoration material, scissor.

UNIT II

7hours

Quelling Paper Jewellery, about quelling paper jewellery. Material-Quelling strips, quelling tools, flat pearls

UNIT III

8hours

Polymer Jewellery: Material-Polymer Clay, Scope-Wearable, durability, special trend, Floral Jewellery

UNIT IV

7hours

Terracotta Jewellery: Scope- Terracotta clay, eye pins

Transaction Modes:

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- Corbmann, B.P Textiles : Fibre to fabric' Mcgraw Hill Inc. Singapore 1986
- Grosicki, Z.J. –Watson's Textile Design & Colour, 7th edition, Wood head Publication.
- Murphy, W.S. –Handbook of weaving\ Abhishek publication.

Course Title: Textile Studies**Course Code: BFD513**

L	T	P	Cr
2	0	0	2

Total Hours: 30**Learning Outcomes:**

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

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

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

Introduction to textile fiber & terminology, Classification of fibres based on their source and origin, Primary and secondary properties of textile fibers, Manufacturing.

UNIT II**7hours**

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

UNIT III**8hours**

Classification of Weaves-Plain weave- Rib weave, Basket, Twill (right-handed twill, left handed twill, even & uneven twill), Satin, Sateen, Decorative weaves- Pile, Double cloth weave leno, Swivel, Tapestry, and Dobby.

UNIT IV**7hours**

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

Transaction Mode

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

Suggested Readings

- *Corbman. P. B., 1985 Textiles Fiber to Fabric Gregg, Mc Graw Hill Book.*
- *Phyllis, G. Tortora., 1987. Understanding Textile, 2nd Edition, Mc Millan Co.,USA*

- *Gioello, Debbie Ann., 1982. Understandingfabrics from fibers to finished clothes, Fairchild Publication, New York*
- *Randhawa Dr. Rajwinder K. 2009, Clothing, Textile & their Care, First Edition, Publisher: Pardeep, Jalandhar.*

Course Title: Advance Styling and Fashion forecasting

Course Code: BFD507

L	T	P	Cr
3	0	0	3

Total Hours: 45

Learning Outcomes:

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

1. Apply knowledge of fashion forecasting techniques to analyze current and emerging fashion trends, considering factors like consumer behaviour and cultural shifts.
2. Analyze the impact of historical and socio-cultural factors on fashion trends and consumer preferences.
3. Design and execute fashion styling projects that align with specific trend predictions and target audiences.
4. Assess the impact of styling and fashion forecasting on consumer behaviour, brand identity, and market positioning.

Course Content

UNIT I

12 hours

Definition of Advance Fashion, Style, FAD, classic, Avant -Grade, etc, Fashion Evolution, Adoption of fashion, Motives for consumer buying, Fashion forecasting, Design sources, Fashion services & resources, Fashion Magazines, etc.

UNIT II

11 hours

Designing a successful garment (elements & principles) Silhouette, line color, texture, pattern, Design principles, - proportions, Balance, Emphasis, Unity, Rhythm.

UNIT III

12 hours

Women's wear – different categories, Men's wear - different categories. Children's wear different categories. Developing a line, Line selection, line presentation, developing a sample garment, costing of a garment, purchasing piece goods.

UNIT IV

10 hours

Role of Apparel Manufacturer- Inside the shop, contractor, shipping, retailing. Role of a designer in the production, Final Project & Presentation

Transaction Mode

Group Discussions, Questions, Project Based Learning, Video Based Teaching

Suggested Readings:

- *Sharon Lee Tate, Inside fashion design 1 Edition, Canfield Press (1977)*
- *Steven Faerm, Fashion Design Course: Principles, Practice, and Techniques: The Practical Guide for Aspiring Fashion Designers-2edition, B.E.S. Publishing; (2017)*
Fashionary, Fashion pedia - The Visual Dictionary of Fashion Design, Publisher: Fashionary (2016)

Course Title: Production Management**Course Code: BFD508**

L	T	P	Cr
3	0	0	3

Total Hours: 45**Learning Outcomes:**

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

1. List the primary components of a production system, including inputs, processes, and outputs.
2. Describe the relationships between various elements of production, such as the interplay between capacity planning and production scheduling.
3. Apply production management techniques to create production plans and schedules that optimize resource utilization.
4. Assess the ethical and sustainability implications of production decisions and propose strategies for responsible production practices.

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

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

UNIT II**12 hours**

Colours, fabric and stitches of the Traditional embroideries of India- phulkari, Chicken Kari, kasida, Kantha, Kathiawar, Kutch, Sindhi, Gujarati, Chamba rumal Preparation of samples of the traditional embroideries of India.

UNIT III**11 hours**

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

UNIT IV**12 hours**

Lace and ribbon work, Decorations and trimmings, Understanding the processes of Tie and dye, batik printing, screen printing and block printing, Preparation of samples of all processes of Tie and dye.

Transaction Modes:

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

Suggested Readings:

- Shailaja D. Naik 1996, *Traditional Embroideries of India*, A.P. H Publishing Cooperation New Delhi

- *Sheila Paine, 1990, Embroided Textile, Thames and Hudson Ltd.*
- *Gulrajani M.L., Silk Dyeing, Printing & Finishing.*

Course Title: Internship (6 Months)**Course Code: BFD601**

L	T	P	Cr
0	0	0	20

Learning Outcomes:

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

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

Course Content**Modules:**

Industrial File

Art portfolio

Transaction Mode

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