



**MATS UNIVERSITY, RAIPUR**

**SCHOOL OF FASHION DESIGNING & TECHNOLOGY**

**SYLLABUS**

**For**

**(Three Year Full-time Degree Programme)**

**Bachelor of Science - Fashion Designing & Technology  
(B.Sc. FDT)**

**2025-28**

**(Semester Based Course)**

# **SEMESTER -I**

Semester I			
Course Title	DESIGN CONCEPT AND FASHION SKETCHING(Theory)	Credits	4
Course Code	BSC DSC-001-T		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will learn Principles of Design, a sense of composition and skills of apparel visual weight of designing.		PO2, PO1
CO2	Students will understand about different parts of garments.		PO2, PO1
CO3	Students will understand the various techniques of designing to enhance the garment.		PO2, PO4
CO4	Students will learn about the basic techniques of trousers.		PO1, PO4
CO5	Student will learn about the terminology of silhouette.		PO1, PO5

**Objective:** This subject includes understanding of schematic way of design methodology

#### **MODULE I**

Principles of design–Proportion–Balance–rhythm.

#### **MODULE II**

Necklines–collars–sleeves–cuffs–Waistline– bows & ties–pockets

#### **MODULE III**

Ruffles, cowls, shirring, smoking ,quilting, yokes, draping ,gathers ,pleats, frills and flounces.

#### **MODULE IV**

Basic concepts –various scripts–methodology of design of trousers

#### **MODULE V**

Basic concepts and types of silhouettes

#### **Reference and Text book**

1. *Design Concept – James Mills*
2. *Fashion sketch book: BinaAblong*
3. *Encyclopaedia of fashion details*

Semester I			
Course Title	DESIGN CONCEPT AND FASHION SKETCHING (LAB)	Credits	2
Course Code	BSC DSC-001-P		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will learn to draw fashion figures by understanding body Proportions.		PO1,PO2
CO2	Students will develop an approach towards ideation.		PO1,PO2
CO3	Students will learn to draw details of fashion features.		PO1,PO2
CO4	Students will be able to enhance their rendering skills using different color mediums.		PO1,PO2
CO5	Students will be able to design the desired idea of their design onto the fashion figure.		PO1,PO2

**Objective:** The subject initiates the understanding of the importance of anatomical studies as the basis of fashion illustration and to realize the requirement for understanding, clarity and confidence in drawing of the human body as a mode of visual communication in fashion.

#### MODULE I

Understanding of body proportion with special reference to (a) Anatomy (b) Movement (c) Posture (d). Detail. Basic Proportion study- block figure, stick figure Module II-, flesh figure. Relative difference between normal & fashion figure. Study of stylized stick figure to observe balance & movement in figure.

#### MODULE II

Introduction to flesh figure. Relative difference between normal & fashion figure. Study of stylized stick figure to observe balance & movement in figure.

#### MODULE III

Detail features of figure. Hands, feet, arms & legs. Free hand drawing, rendering and texture.

#### MODULE IV

Lines, Curves, Object drawing, Shading, Still Life drawing, Pencil medium, Ink medium, Charcoal.

### **MODULE V**

Different accessories drawing & colouring. Mediums - crayons, colour pencils, watercolours, poster colours, pastels - oil & dry, swatch rendering.

### **Reference books**

1. *Foundation in fashion design & Illustration*
2. *Figure drawing for fashion design*
3. *Design Concept - Jame Mills*

Semester I			
Course Title	ELEMENTS OF DESIGN (Theory)	Credits	2
Course Code	BSC DSC-002		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will learn Elements and Principles of Design, a sense of composition and skills of visualization.		PO2,PO1,PO4
CO2	Students will learn about the importance of dots and lines to create design		PO2,PO1,PO4
CO3	Students will understand the requirement of shapes for creativity in art.		PO6
CO4	Students will be able to understand the aesthetic sensibility of colors. And its schemes.		PO6
CO5	With application of these in different media, students will be to create compositions of textures by using various materials.		PO4,PO6

**Objective:** The subject helps develop an understanding of Elements and Principles of Design, a sense of composition and skills of visualization, communication and application of these in different media.

#### Module I

Introduction to subject- Principle of Design, Elements of design-Line-Colour-Texture.

#### Module II

Lines-Basic Classification of Lines, Path-curve- Direction-Illusion.

#### Module III

Shapes, Basic types- Structural and Visual types.

#### Module IV

Introduction to colour- the Colour theory- Colour Wheel- Dimension of colours- Colour harmony- Psychology of colours- various colour schemes.

#### Module V

Introduction to the basic materials creating Textures using all art media like Pencils, crayons, pastels, wax, paints, poster colours etc.

**Reference books:**

1. *Design concept – James Mills*
2. *Colour Harmony – A guide to creative colour combinations- Bride M.Whelan*
3. *Colour Kaleidoscope, Creating colour harmonies- Axel venn*
4. *Designer's guide to colour-Vol 1to 5- James Stockman*
5. *Checks and Stripes – Classic variations in colour- Wolfgang H. Hagency*

Semester I			
Course Title	GARMENT CONSTRUCTION-I (Lab)	Credits	2
Course Code	BSC DSC-003		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Develop understanding of different terminology used in garments.		PO2
CO2	Students will be able to know about the different size charts and will be able to take measurements of the person.		PO2,PO1
CO3	Basic stitching and creative skills will be developed which will help them to construct their garments.		PO2
CO4	Students will be able to use different stitches and seams as per the requirement of the garment.		PO2
CO5	Correct placement and attachment of placket and zippers 4. Will be able to convert fullness of garment with different techniques like dart, pleats etc.		PO2,PO1
CO6	Students will gain a basic understanding of garments, machines and their use in apparel and fashion industry.		PO2

### Objective

To understand and appreciate different kinds of stitches and seams

- To develop the skill of making seams, tucks, pleats etc.
- To develop the skill of operating the machine.
- To understand the utility of seams, gathers, shirring used in garments both for construction and as design feature.

### Module I

Introduction to garment construction-basic principles and techniques.

### Module II

Construction, parts and working of sewing machine. Threading, bobbin winding, needle maintenance/ common problems (Practice session on the machine)

### Module III



Definition and understanding of hand stitching techniques. Basting: even/uneven/diagonal running stitches. Hemming: Plain, blind, slip, marking: padding, button hole, overcasting. Definition and understanding of basic seams. Flat fell, lap, French, false French, bound, bias, corded, piped, eased, princess, taped.

#### **Module IV**

Understanding of basic techniques like: tucks, pleats, gathering, shirring, smoking, ruffles. Types of necklines; Round and Jewel; Square and Glass; V shaped straight and curved, Scalloped, Sweetheart. (along with pattern drafting)

#### **Module V**

Types of Sleeve Finishes: Basic Sleeve types, half sleeve, full sleeve,  $\frac{3}{4}$  sleeve, Sleeve finish, Set in sleeves, plain, puff sleeve (– with gathers at the sleeve cap and round arm, gathers at sleeve cap & gathers at the round arm), leg-o-mutton, Bishop sleeve/pleasant sleeve, petal. Pie e sleeve, shirt sleeve, kurta sleeve, Angle, flared. Tulip Lantern & Cart wheel. (along with pattern drafting)

**Project:** develop a variation & name.

#### **Reference books**

1. *Pattern drafting by Helen Joseph Armstrong*
2. *Pattern drafting For Children by Winifred Aldrich*
3. *Handbook of fashion designing.*

Semester I			
Course Title	FASHION FUNDAMENTALS (Theory)	Credits	2
Course Code	BSC DSC-004		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students are accredited with skills of drawing and usage of various fashion designers.		PO4
CO2	Competent to develop a good design through application of affecting fashion.		PO2
CO3	Students can create compositions using various Fashion Adoption Process.		PO1
CO4	They will acquire the ability to perform visual research for application of elements in context of fashion.		PO3
CO5	To develop understanding regarding Fashion Cycle study of art and fashion.		PO6
CO6	Dress In Right Color - Selecting colors for your clothes as per your body type and skin tone.		PO6

**Objective:** This subject is specifically designed to demonstrate the basic knowledge about Fashion design and guide the beginner in mind and will guide students through the design process.

### MODULE I

Definition Of Fashion Designing, Types Of Fashion, ,Various Fields Related To Fashion, Introduction To Various Subjects Of Fashion Designing Like Fashion Illustration, Elements Of Design ,Design Idea ,Garment Construction ,Drafting, Draping, Graphic Designing Etc. Fashion Designers- Famous Fashion Designers, Indian Fashion Designers International Fashion Designers.

### MODULE II

Factors affecting Fashion: Fashion merchandising, Fashion terminology- Classic, Fad, Croquis, Brand, Licensing, Trend, Silhouette, Apparel, Kun-Ball- Tags, Haute couture etc.

### **MODULE III**

Fashion Adoption Process: Awareness stage, interest stage, evaluation stage, trial stage, the adoption stage. Attributes of an innovation: Relative advantage, compatibility, Complexity, Trialability, Observability .Types of Adopters: innovators, early adopters, early majority, late majority, laggards.

### **MODULE IV**

Basic Shapes–Structural & Visual Type ,Basic Figure Types (Rectangle, Triangle, Hourglass, Apple, Pear, Diamond, Tubular ,Round ,Low Waist, High Waist),Trimming & Accessories.

### **MODULE V**

Fashion Cycle-Definition, Stages Of Fashion Cycle, Fashion Forecasting-Why Forecast, What To Forecast, How To Forecast.

### **Reference Book**

1. *Design concept- Jame Mills*
2. *The fundamentals of fashion design, Richard Sorger; Jenny Udale, AVA Academia, 2006*

Semester I			
Course Title	INTRODUCTION TO COMPUTERS (Lab)	Credits	2
Course Code	SEC 007		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	To understand the basic components of operating on menu and other tabs		PO3
CO2	To Understand the MS Word and use in office documents.		PO3
CO3	To Understand the MS Excel and its use in office documents.		PO3
CO4	To present data using power pointing presentation		PO3
CO5	To understand the basics of CorelDraw & Photoshop and create the designs using the software.		PO3

**Objective:** *Students will learn fundamental concepts of computer hardware and software and become familiar with a variety of computer applications, including word-processing, spreadsheets, databases, and multimedia presentations.*

### **Module I: Overview of the working of a computer**

Computer Components: Hardware & Software Basic concepts in stored program execution, input, output, storage devices, RAMs, ROM, etc History of computers and its emergence

### **Module II: Word Processor**

Introduction to word processors. MS Word: opening, creating and saving documents, finding files, previewing documents and their properties, Typing, navigating and selecting in document, Editing and sorting, Checking spelling and grammar, formatting: characters, paragraph, with styles, auto format etc. Changing appearance of your page: margins, page size, page orientation, page breaks etc. Importing graphics and creating drawing objects: inserting, editing and positioning text and graphics, creating, resizing, reshaping and deleting drawing objects. Assembling documents with mail merge, Customizing Microsoft Word.

### **Module III: Spread sheet**

Introduction to worksheets- opening, creating, using and saving workbook; working with workbooks and worksheets: managing, arranging and moving around in workbook.

Entering data and selecting cells, ranges; editing worksheet data: clear content, format, or comments from cells, finding or replacing data, inserting, copying and moving cells and data, spell checking and correcting, formatting worksheet, using formulas, working with charts, analysing data with a pivot table, performing what-if analysis on worksheet data, validating cell entries, automating tasks: record, run, edit, and stop a macro, Customizing Microsoft Excel.

#### **Module IV: Techniques in presentation**

Microsoft PowerPoint: opening, creating and saving presentations, working in different views, working with slides, adding and formatting text, formatting paragraphs, making notes pages and handouts, working with objects and clip arts, working with equations, tables and charts, designing electronic slide show, adding animations, sound, voice narration and movies to your slides, setting timing and transitions, running and controlling electronic slide show, Customizing Microsoft PowerPoint.

#### **Module V**

Introduction to Software, Implementation of Corel Draw in fashion designing and Introduction to Software, Implementation of Photoshop in fashion designing.

#### **Reference books**

1. *Microsoft Office 2000 by O'lear series, Tata Mcgraw Hill*
2. *Mastering computers – Wright G.G.L.McMilan& Co.*
3. *Microsoft Windows 2000 – Microsoft Press*
4. *TheCorelDraw–wowlinesDayton*
5. *Photoshop element- Duke McCleaand*

Semester I			
Course Title	Fundamental Of Drawing (Theory)	Credits	4
Course Code	GE 006		
Learning Level	BTL		
C0	COURSE OUTCOMES		PO
C01	To introduce students to essential sketching tools and techniques, emphasizing line, shape, and shading.		PO1,2,7
C02	To develop skills in human anatomy and figure drawing with a focus on accurate proportions and gesture.		PO1,3,7
C03	To teach students the principles of perspective and proportion for creating realistic depth in drawings.		PO2,4,7
C04	To understand and apply color theory and composition to enhance visual impact in artwork.		PO3,5,7
C05	To introduce storyboarding and camera angles for effective visual storytelling and scene planning.		PO4,6,7

**Objective:** *To equip students with fundamental skills in sketching, anatomy, perspective, color, and storyboarding for creating impactful and accurate artwork.*

### **Module I: Introduction to Drawing Materials and Line, Shape**

Introduction to Drawing Material and Tools, Basic Sketching Techniques, Shading and Cross-Hatching, Drawing the Human Head, Lighting and Shading

### **Module II: Anatomy and Muscle Function**

Drawing Hands and Feet, Full Figure Drawing, Facial Features: Eyes, Nose, Lips, Ears, Skeleton and Bone Structure, Study of Neck Muscles and Proportions

### **Module III: Perspective and Proportion**

One-Point Perspective, Two-Point Perspective, Three-Point Perspective, Proportions of Human and Object, Drawing Objects from Various Angles

### **Module IV : Color Theory and Composition**

Introduction to Color Theory, Psychology of Color, Color Harmony and Contrast, Hue,

Saturation, Brightness, Warm and Cool Colors, Creating Color Palettes, Focal Points and Hierarchy

### **Module V : Introduction to Storyboarding & Camera Angles**

Introduction to Storyboarding, Camera Angles Overview, Creating Effective Storyboards, Camera Angles and Scene Perception

#### ***Reference books:***

1. *Perspective Made Easy (Dover Art Instruction) Paperback – 30 August 1999*  
*by Ernest Norling (Author)*
2. *The Fundamentals of Drawing Paperback – 5 September 2003*  
*by Barrington Barber (Author)*
3. *Anatomy & Drawing Paperback – 1 December 2006*  
*by Victor Perard (Author)*

Semester I			
Course Title	BASICS OF FASHION STYLING (Theory)	Credits	4
Course Code	GE001		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will learn about role and responsibilities of fashion stylist. Fashion and new style techniques of different garments and will be able to introduce to today's fashion industry in a more creative way.		PO1
CO2	Students will gain knowledge about fashion terminology, new trends, Wardrobe planning and management using fashion styling.		PO1
CO3	Students will gain knowledge about costume, makeup, accessories and background and its impact on overall styling. for the fashion show		PO1
CO4	Students are made capable to apply their knowledge in identifying the trends of fashion also they are made capable to showcase their collections and design work through digital media.		PO1
CO5	Students get Skilled in hand art to express ideas on draping styling, styling techniques through mind mapping and visual research.		PO1

**Objective:** *The syllabus for a course in fashion styling typically covers various aspects of fashion, style, and aesthetics. Here's an outline of what such a syllabus might include:*

**Module I: Introduction to Fashion Styling, Trends and Forecasting**

- Overview of the fashion industry
- Role and responsibilities of a fashion stylist
- Understanding fashion cycles
- Analyzing current and past fashion trends
- Forecasting future trends

**Module II: Fashion Styling Techniques, Textiles and Fabrics**

- Wardrobe planning and management



- Mixing and matching garments and accessories
- Creating looks for different occasions (casual, formal, editorial, etc.)
- Understanding body types and selecting appropriate clothing
- Understanding different types of fabrics and their properties
- Fabric selection based on season and occasion
- Fabric care and maintenance

### **Module III :Personal Styling Editorial and Commercial Styling Fashion Show and Event Styling**

- Personal style analysis
  - Developing a personal style
  - Wardrobe essentials and must-haves styling for photo shoots and magazines
  - Styling for fashion shows
  - Behind-the-scenes of fashion events
  - Coordination with designers and production teams

### **Module IV: Portfolio Development, Fashion Styling Tools and Software**

- Building a professional styling portfolio
  - Curating and showcasing your work
  - Digital tools and software for fashion styling
  - Creating look books and digital portfolios

### **Module V: Ethics and Final Project/Internship**

- Practical application of styling techniques
  - Real-world experience through internships or projects
  - Presentation of a final styling project

### **Reference books**

1. *Foundation in fashion design & Illustration*
2. *Figure drawing for fashion design*
3. *Fashion Design Illustration: Children*
4. *Professional Fashion Illustration*
5. *Fashion Design illustration: Men*

<b>Semester I</b>			
<b>Course Title</b>	<b>Fundamentals of Entrepreneurship (Theory)</b>	<b>Credits</b>	<b>4</b>
<b>Course Code</b>	<b>GE 004</b>		
<b>Learning Level</b>			

### **MODULE I: THE ENTREPRENEUR**

- **Unit 1.1:** Definitions and Concept of Entrepreneur, Entrepreneurial Traits, Characteristics and Skills
- **Unit 1.2:** Classification of Entrepreneurs, Growth and Nature of Entrepreneurs, Importance of Entrepreneurship
- **Unit 1.3:** Entrepreneurial Culture, Types of Entrepreneurs, Distinction between Entrepreneur and Manager

### **MODULE II: ENTREPRENEURSHIP CONCEPTS AND WOMEN ENTREPRENEURS**

- **Unit 2.1:** Entrepreneurship: Concept, Theories, and Environmental Factors
- **Unit 2.2:** Entrepreneurship Development and Training
- **Unit 2.3:** Women Entrepreneurs: Concept, Functions, Growth, Problems Faced

### **MODULE III: PROJECT IDENTIFICATION AND APPRAISAL**

- **Unit 3.1:** Project: Concept, Classification, and Search for Business Ideas
- **Unit 3.2:** Project Identification, Formulation, and Design
- **Unit 3.3:** Project Network Analysis, Report Preparation, and Project Appraisal

### **MODULE 4: INSTITUTIONAL FINANCE AND OWNERSHIP STRUCTURES**

- **Unit 4.1:** Institutional Finance: Role of Commercial Banks and Financial Institutions
- **Unit 4.2:** Institutional Support for Small Entrepreneurs
- **Unit 4.3:** Ownership Structures: Proprietorship, Partnership, Company, Cooperative – Selection Criteria

### **MODULE 5: MICRO, SMALL & MEDIUM ENTERPRISES (MSME)**

- **Unit 5.1:** Introduction to MSME: Classification and Registration
- **Unit 5.2:** Ministry of MSME: Government Policies, Start-up vs. MSME, Major Schemes

- **Unit 5.3:** PMEGP: Objectives, Benefits, Applicability; SRI Fund: Structure and Objectives; Steps to Start an MSME: Case Study

**TEXT BOOKS/RESOURCES:**

1. The Dynamics of Entrepreneurial Development and Management, Vasant Desai, Himalaya Publishing House, 6th edition, 2018.

**REFERENCE BOOKS:**

1. Entrepreneur Development, Satish Taneja, Himalaya Publishing House, 1st edition, 2015.

Semester I			
Course Title	Business Organization (Theory)	Credits	4
Course Code	GE 007		
Learning Level			

### **MODULE I: INTRODUCTION TO BUSINESS AND ORGANIZATION**

- **Unit 1.1:** Business: Meaning, Nature, Objectives, Social Responsibility
- **Unit 1.2:** Essentials of a Successful Business, Functional Areas of Business
- **Unit 1.3:** Concept of Business Organization

### **MODULE II: FORMS OF PRIVATE SECTOR ENTERPRISES**

- **Unit 2.1:** Sole Proprietorship: Meaning, Features, Merits and Demerits
- **Unit 2.2:** Partnership: Meaning, Features, Merits and Demerits
- **Unit 2.3:** Joint Stock Company: Meaning, Features, Merits and Demerits
- **Unit 2.4:** Co-operatives: Meaning, Features, Merits and Demerits

### **MODULE III: GOVERNMENT DEPARTMENTAL UNDERTAKINGS**

- **Unit 3.1:** Departmental Undertakings: Meaning, Features, Merits and Demerits

### **MODULE IV: OTHER FORMS OF PUBLIC ENTERPRISES**

- **Unit 4.1:** Public Corporations: Meaning, Features, Merits and Demerits
- **Unit 4.2:** Government Companies: Meaning, Features, Merits and Demerits

### **MODULE V: BUSINESS COMBINATIONS**

- **Unit 5.1:** Business Combinations: Meaning, Reasons, and Types
- **Unit 5.2:** Forms, Merits, and Demerits of Business Combinations
- **Unit 5.3:** Recent Trends in Business Combinations

### **TEXT BOOKS/REFERENCE BOOKS:**

1. C. B. Gupta - Business Organization and Management, Sultan Chand & Sons.
2. Dr. S. C. Saxena - Business Administration & Management, Sahitya Bhawan.
3. M. C. Shukla - Business Organization and Management. S Chand & Company Pvt. Ltd.
4. S. A. Sherlekar - Business Organization, Himalaya Publishing House.

5. Y. K. Bhushan - Fundamentals of Business Organization and Management, Sultan Chand & Sons.
6. R. K. Sharma, Business Organization & Management Kalyani Publishers
7. Dr. I. M. Sahai, Dr. Padmakar Asthana, 'Business Organization & Administration', Sahitya Bhawan Publications Agra.

Semester I			
Course Title	COMMUNICATION SKILLS(Theory)	Credits	2
Course Code	AEC 001		
Learning Level	BTL		
C0	COURSE OUTCOMES		PO
CO1	To enhance language proficiency by providing adequate exposure to reading and writing skills		PO 1,2,3
CO2	To orient the learners towards various communication tasks		PO 1,2,3
CO3	To increase the range of lexical resource through a variety of exercises		PO 1,2,3

**Objectives:** *To imbibe English and Listening, Speaking, Reading and Writing skills to meet the challenges of the world. To be able to process complex information with clarity and conciseness.*

#### **Module I: Basics of Communication**

- Communication: An Introduction
- Definition and Scope
- Process of Communication Barriers to Communication
- Types of Communication

#### **Module II: Writing Skills**

- Letter Writing-Formal and Informal
- CV, Email, Message
- Minutes , Report Writing
- Notice , Memoranda

#### **Module III: Reading Skills**

- Types of Readings

#### **Module IV: Listening Skills**

- Effective listening
- Barriers to listening

#### **Module V: Speaking Skills**

- Introduction to Soft Skills
- Personality Development
- Time Management/leadership Skills
- Interviews/Group Discussion/Presentation Skills
- Short Speech

**Note:** *Adequate practice to be given in the class to improve speaking and writing competence*

**Text book recommended:**

1. *Brown, Ralph: Making Business Writing Happen: A Simple and Effective Guide to Writing Well. Sydney: Allen and Unwin, 2004.*
2. *Buscemi, Santi and Charlotte Smith, 75 Readings Plus. Second Edition New York: McGraw-Hill, 1994.*
3. *Mohan Krishna & Banerji, Meera: Developing Communication Skills. New Delhi: Macmillan India, 1990.*

<b>Semester I</b>			
<b>Course Title</b>	<b>Yoga and Human Consciousness</b>	<b>Credits</b>	<b>1</b>
<b>Course Code</b>	<b>VAC 001 T</b>		
<b>Learning Level</b>	<b>BTL</b>		
CO	COURSE OUTCOMES		PO
CO1	Students gain good knowledge on the concept of yoga.		Po 1
CO2	Students know about the scientific benefits of various yogic practices		Po 1,2
CO3	Students can perform practical skills proficiently		Po 4
CO4	Students gain an awareness about the value of health & wellness through yoga		Po 8,12
CO5	Makes the students more enthusiastic about further study/research in the field of Yoga		Po 2

### **Module I**

#### **Introduction to Yoga:**

- Meaning and definitions of Yoga
- History of Yoga
- Importance of Yoga as art, science and philosophy
- Yogic Diet

### **Module II**

#### **Philosophical Perspective of Yoga:**

- Yoga in Bhagavad Gita: Karma Yoga, Raja Yoga, Jnana Yoga and Bhakti Yoga
- The 'Yoga Sutras' in general; its significance in life.
- Limbs/parts of yoga (Astanga Yoga) according to the 'Yoga Sutras'
- Concept of Ishwara; Ishwara in Yoga Philosophy

### **Module III**

#### **Yogic Practices for Health & Wellness:**

- Asana, its classification and effects
- Pranayama, its types and effects
- Kriya, Mudra and Bhandha: Procedure and Effects
- Yoga Vs Physical Exercise

#### **Human Consciousness & Meditation**

- Meaning & Definition of Human Consciousness
- Need for Study of Human Consciousness
- Current Crisis of Human Consciousness & Measures for meaningful solution
- The Theory of Meditation- Japa Meditation, Ajapajapa Meditation, Yoga Nindra, Tratak.



Semester I			
Course Title	Yoga and Human Consciousness	Credits	1
Course Code	VAC 001 P		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
C01	Students gain good knowledge on the concept of yoga.		Po 1
C02	Students know about the scientific benefits of various yogic practices		Po 1,2
C03	Students can perform practical skills proficiently		Po 4
C04	Students gain an awareness about the value of health & wellness through yoga		Po 8,12
C05	Makes the students more enthusiastic about further study/research in the field of Yoga		Po 2

	Practical 1Credit(30hours)	30	15
	<p>i. <b>Suryanamskara</b>–(12counts)</p> <p>ii. <b>Asana</b></p> <p>a) <b>Standing</b>: -Tadasana, Ardhakatichakrasana, Ardhashakrasana, Trikonasana, Vrikshasana.</p> <p>b) <b>Sitting</b>: - Vajrasana, Padmasana, Gomukhasana, Paschimottanasana, Shashankasana.</p> <p>c) <b>LyingSupinePosition</b>:- Shavasana, etubandhasana, Chakrasana, Sarvangasana, Halasana.</p> <p>d) <b>Lying Prone Position</b> - Makarasana, Bhujangasana, Shalabhasana, Dhanurasana, Naukasana.</p> <p>iii. <b>Pranayama</b> Nadishodhana, Suryabhedana, Chandrabhedana, Shitali, Bhastrika, Bhramari.</p> <p>iv. <b>Bandh&amp;Mudra</b> Jalandharabandha, Uddiyanbandha, Moolabandha, Yogamudra, Viparitkarnimudra, Shambhavimudra,</p> <p>v. <b>Dhyanaanditsforms</b></p>		

	<b>Modes of Assessment (In -Semester):</b> a) Unit Test b) Class seminar presentation/Group discussion c) Seasonal Examination (Theory and Practical) d) Attendance and regularity e) Observation record during practical		
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**Reference Books:**

- *Holistic Approach of Yoga* - G. Shankar: Aditya Publishers
- *Patanjali's Yoga Sutra – Translation and Commentary* - Dr. P. V. Karambelkar: Lonavla
- *Guidelines to Yogic Practices* – M. L. Gharote: Lonavla
- *Yoga and Indian Philosophy* – Karel Werner: Motilal Banarsidass
- *Yoga: The Path to Holistic Health* - B. K. S. Iyengar: Dorling Kindersley Limited

# **SEMESTER -II**

Semester II			
Course Title	FASHION ILLUSTRATION – I (Lab)	Credits	2
Course Code	BSC DSC-035		
CO	COURSE OUTCOMES		PO
CO1	Students will learn to draw fashion female figures by understanding body proportions.		PO1,PO2
CO2	Student will learn to draw fashion male figures by understanding body proportions. It will also help to learn draw fashion kids figures by understanding body proportions.		PO1,PO2
CO3	It will make students competent to develop a good design through application of draping and design.		PO2,PO1
CO4	Students will acquire the ability to perform visual research for application of elements in context to fashion illustration.		PO2
CO5	Students will be accredited with skills of drawing and usage of various art mediums. They will be able to create composition illustrations using various fashion figures and draping styles inspired by art and artists of any period.		PO2,PO1

**Objective:** *The subject refines the students drawing and illustrations skills with the special emphasis on developing a signature style of sketching, provides understanding and exposure to design elements and visual communication of the same through illustration on techniques.*

#### **MODULE I**

Experimenting with different poses women (real life drawing. Figure analysis through photographs magazines & fashion illustration book) – 1. Front view 2. Back view 3. Side view 4.  $\frac{3}{4}$  view

#### **MODULE II**

Men illustration, commenting magazine pose into fashion illustration

#### **MODULE III**

Children illustration, commenting magazine pose into fashion illustration

#### **MODULE IV**

Stylization of croqui (different kind of paper & media used for different assignment)  
Theme Development, Design development. Each student is encourage to explore his/her own style of illustration

### **MODULE V**

Express oneself through the theme of a given project. Inspiration should take from art & artists of any period. Mediums: color pencils, crayons, poster color, water colors, collage etc.

### **REFERENCE BOOKS**

1. *Fashion Illustration basic Techniques.*
2. *An Illustrated History of Fashion*

Semester II			
Course Title	TEXTILE SCIENCE (Theory)	Credits	2
Course Code	BSC DSC-036		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
C01	Students will learn the basics of fibers with detailed knowledge.		PO4
C02	Students will learn the fibers and its types with uses and depending upon its making – weaving and knitting.		PO4
C03	Student will learn to compare the natural and manmade fibers.		PO4
C04	Students will learn to evaluate the methods of yarn manufacturing.		PO4
C05	Students will learn to care of natural and manmade fibers.		PO4

**Objective:** The subject aims to develop understanding of Textile Industries in India and sources of textile materials, properties of textile materials, with end uses and market needs for apparel and furnishing products.

### Module I

Introduction to Textile science Introduction to textile fibre- classification of fibres according to source (natural & manmade fibres) - Properties of fibres- Brief studies of different natural and manmade fibres: Cotton, Flax, Wool, Jute, Ramie, Rayon, Acetate, Polyester, Nylon.

### Module II

Yarns and Yarn production Introduction to Yarns- Yarn twist- Types of Yarns- Single, Ply and Cord- Blended and Novelty Yarns- Principles of short Staple Spinning- Brief studies on sequence of process involved- Yarn count

### Module III

Fabric Construction Weaving: Preparatory process involved in weaving- Chief operations in the weaving- basic structure of loom- Introduction to basic weaves- Plain weave, Twill weave Regular and Irregular Satin and sateen, Honey comb. Brighten honeycomb, Huck-a-Back, Mock leno, Bedford cord, Colour and weave effect, Double cloth. Knitting: Basic classification, Application of knitted fabrics, Non-woven fabrics.

### Module IV

Finishing and Testing Introduction to Finishing- Types of Finishing- mechanical and chemical finishes- Testing of fibres- burning tests for different natural and manmade fibres.

## **Module V**

Fabric Care and Labelling Care and Maintenance of fabric ,Role of Shaking, Brushing,, Airing and laundering in fabric care, Process of garment laundering, Laundering of specific garment, Type of care labelling, Essential terminologies used in care labelling, , classification of stains and technique of stain removal.

### **Reference Books**

1. *Motivate Textile series – Wynne*
2. *Technology of textile processing Vol.1 (textile fibre) - V.A. Shenai*
3. *Chemical technology of fibrous materials- F.Sadoor, M Korchagin, A. Matesky*

Semester II			
Course Title	TEXTILE SCIENCE & WET PROCESSING (LAB)	Credits	2
Course Code	BSC DSC-037		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will learn to draw fashion figures by understanding body proportions.		PO1,PO2
CO2	Students will develop an approach towards ideation.		PO1,PO2
CO3	Students will learn to draw details of fashion features.		PO1,PO2
CO4	Students will be able to enhance their rendering skills using different color mediums.		PO1,PO2
CO5	Students will be able to design the desired idea of their design onto the fashion figure.		PO1,PO2

**Objective:** The subject aims to develop the concept of dyeing and printing processes, both technical and commercial and understanding of technical and commercial fundamentals dyeing and printing techniques, in order to handle the same during fabric development, sourcing and garmenting stage.

#### **Module I**

A brief history of dyeing and printing

#### **Module II - Processing**

Jute, Cotton

#### **Module III - Dyeing**

Introduction to wet processing – dyes classification and application- preparatory process – principles and method of dyeing of cotton – concept of Tie and dye, vegetable dyeing

#### **Module IV - Printing**

Introduction to printing – printing method – styles of printing – model recipe formulation.

#### **Module V – Resist Dyeing**

Tie and Dye, Batik and Organic dyeing.

#### **Reference books**

1. *Technology of Printing: Dr.Shenai V.A Vol IV Sevek Publication, Bombay 1972*
2. *Technology of Dyeing: Dr.Shenai V.A Vol IV Sevek Publication, Bombay 1972*
3. *History of Technology: Dr.Shenai V.A Vol IV Sevek Publication, Bombay 1972*



Semester II			
Course Title	PATTERN MAKING - I (Theory)	Credits	2
Course Code	BSC DSC-038		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will develop the skills and help students to use basic patternmaking principles to create design variations.		PO1
CO2	Students will be able to apply patternmaking principles to create design variations and construct garments.		PO1
CO3	To introduce extensions of patterns to create various patterns by basic patterns.		PO1
CO4	Exploring the knowledge related to different fashion components, students will be able to create a variety of patterns regarding sleeves and collars.		PO1
CO5	To introduce extensions of patterns to create various patterns by basic patterns.		PO1

**Objectives:**

- *Become familiar with tools of patternmaking.*
- *Understand the language of patternmaking.*
- *Develop the ability to create design through flat pattern method.*

**Module I: Introduction to pattern making**

Tools and equipment, Fabric terms, Measurement Techniques, Size chart of different countries. Basic Bodice Block – Front – Back, Basic Torso Block – Front – Back

**Module II**

Draft Basic sleeve block-Puff sleeves - with gathers at the sleeve cap and round arm, Bishop sleeves.Straight, Shirt, Angle, Flared, Leg-o-mutton, Tulip, Lantern, Cart wheel. Modified sleeves-Raglan, Kimono, and Dolman.Note;-Insertion of gusset to be explained in sleeve finishes.

### **Module III**

Basic Skirt Block – Front – Back, Variations of skirt (pleated, half umbrella, full umbrella, frills etc. Development of designs with darts, pleats, flares, gathers, style lines added fullness.

### **Module IV**

Pocket making & Application Patch pockets – different types, unlined patch pockets, lined patch pockets, patch pockets with flaps, patch pockets with self-flap. Self hem, shaped facing, Bias facing, double fold bias binding, caring, cuffs with different kinds of plackets, Cut construction, French cut application, cut without placket.

### **Module V**

Pattern for Shaped facing, Bias facing, Corded Neck, Single layer binding, Double layer binding, Use Pre-Packaged binding, banded neckline, Placket, Zipper in Band neckline.Pocket making & Application Principles of collars and its variations – Flat collar – Peterpan,Cape, Sailor, Bertha. Stand collars – Mandarin, Chinese, Shirt, and Tennis.

### **Reference books**

1. *Technology of Stitches & Seams: Coats Viyella Limited*
2. *Pattern Drafting: Helen Josef Armstrong.*

Semester II			
Course Title	GARMENT CONSTRUCTION –II & Display (Lab)	Credits	4
Course Code	BSC DSC-039		
LearningLevel	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will gain understanding regarding different garment components and their construction. Students will be able stitch sleeves, necklines, and other parts of garments.		PO2
CO2	Students will be able to construct complete garments.		PO4
CO3	Students will have knowledge of various finishing techniques related to stitching.		PO4
CO4	Students will have knowledge about how to complete a garment with different styles.		PO4

**Objectives:**

- To understand and appreciate different types of bodice construction, necklines, sleeves.
- To obtain fabricating skills for the same

**Module I**

Basic Bodice stitching – Front – Back, Basic Torso stitching – Front – Back

**Module II**

Draft Basic sleeve block-puff sleeves - with gathers at the sleeve cap and round arm, Bishop sleeves. Straight, Shirt, Angle, Flared, Leg-o-mutton, Tulip, Lantern, Cart wheel.

Modified sleeves-Raglan, Kimono, Dolman.

**Note:-**Insertion of gusset to be explained in sleeve finishes.

### **Module III**

Basic Skirt stitching – Front – Back, Variations of skirt (pleated, half umbrella, full umbrella, frills etc. Stitching of Skirt variations:Gathered, Basic skirt block, A line; Pleated; yoked, midriff and Hip yokes; panelled; Gores, Gored, Flare; Circular; Flounces & tiers.

### **Module IV**

Pocket making & Application Patch pockets – different types, unlined patch pockets, lined patch pockets, patch pockets with flaps, patch pockets with self-flap. Self hem, shaped facing, Bias facing, double fold bias binding, caring, cuffs with different kinds of plackets, Cut construction, French cut application, cut without placket.

### **Module V**

Necklines finishing by using facing and interfacing:Shaped facing, Bias facing, Corded Neck, Single layer binding, Double layer binding, Use Pre- Packaged binding, banded neckline, Placket, Zipper in Band neckline.Pocket making & Application Principles of collars and variation – Flat collar – Peterpan, Cape, Sailor, Bertha, Stand collars – Mandarin, Chinese, Shirt, Tennis.

### **Reference books**

1. *Apparel manufacturing: Hand book – Jacob Soclinger*
2. *Technology of clothing manufacture: Herrold Carr &B.Latham*
3. *Knitted clothing Technology: T.Brackern Berry*
4. *Technology of Stitches & Seams: Coats Viyella Limited*

Semester II			
Course Title	GRAPHIC DESIGNING (Lab)	Credits	2
Course Code	SEC 016		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will understand design principles and the fundamental principles of design, including color theory and composition in Corel Draw.		PO3
CO2	Students will understand the fashion industry with their understanding of the fashion industry, including trends, marketing strategies, and the needs of fashion brands.		PO3
CO3	Students will understand design principles with the fundamental principles of design, including color theory and composition in Photoshop.		PO3
CO4	Students will understand how to apply their design skills to the world of fashion which include designing logos, creating textile patterns, or designing marketing materials for fashion brands.		PO3
CO5	Student will get technical skills necessary to create and manipulate digital designs.		PO3

**Objectives:** *Students who successfully complete a degree in Graphic Design will be able to: Demonstrate an understanding of the design process, critical thinking skills, research methodologies and creative ideation as a means of problem-solving and enhancing visual communication.*

**Module I:** Corel Draw-Tool Introduction and Usage

Get to know Corel Draw and its interface, Overview of essential tools and their functionalities.

Basic drawing and designing

**Module II:** Implementation of Corel Draw in fashion designing ,Figure Drawing - Learn the techniques to create block figures, Flash figure and Stick figures.

**Module III:** Introduction to Photoshop.

Interface, tools, and essential features Image Editing Techniques: Retouching, coloring, and photo manipulation. Fashion Design in Photoshop: Using Photoshop to enhance fashion illustrations and product designs.

**Module IV:** Implementation of Photoshop in fashion designing.

Working on Draping using photoshop

**Module V:** Creating Prints and Textures

Using Photoshop tools to create seamless patterns.

**Macromedia Flash-** Interface, animation tools, and timeline

***Reference books***

1. *The Corel Draw – wow lines Dayton Photoshop element: DakeMcClella*
2. *Winifred Aldrich, CAD in Clothing and Textiles*
3. *TheCorelDraw–wowlinesDayton*
4. *Photoshop element- Duke McCleaand*

Semester II			
Course Title	Basics of Vastu (Theory)	Credits	4
Course Code	GE 011		
Learning Level	BTL		PO
CO	Course Outline		
CO1	Define and explain core concepts, history, and objective.		PO6
CO2	Design and arrange space following Vastu principles.		PO10
CO3	Provide Vastu tips and recommendations for various commercial establishments.		PO7
CO4	Evaluate and apply Vastushastra principles to real-world residential and commercial projects.		PO7
CO5	Apply Vastushastra principles to contemporary design practices.		PO10

**Objective:** *To equip students with a comprehensive understanding of Vastushastra principles and their practical applications in residential and commercial settings, enabling them to analyze and design spaces that promote harmony, balance, and prosperity.*

### Module I: Introduction

Definition, Objective, History and Origin of Vastushastra, Principle of Vastushastra, Scientific Reasons, Elements of Vastushastra, Directions of Vastu, Magnetic Compass, Vastupurush

### Module II: Residential Vastu

Positive Entrances, Area Analysis, Site Layout in Accordance with Vastu Principles, Furniture Arrangement Following Vastu Principles in different spaces of Residential Vastu, Colors and Basic Landscaping.

### Module III: Commercial Vastu

Selection of spaces, Vastu tips for Business, Furniture Arrangement Following Vastu Principles - Commercial Complex, Office, Hospitals, Shop/Showroom, Institution, Marriage Halls, Movie Halls, BeautyParlour.

#### **Module IV: Vastu Tips and Vastu Products**

Vastu Pyramid, Vastu Yantra, Vastu Energy Plate, Vastu Gem Stone, Vastu Crystal.

#### **Module V: Case Studies**

Residential and Commercial Vastu



Semester II			
Course Title	General Hindi (Theory)	Credits	2
Course Code	AEC 005		
Learning Level	BTL		PO
CO	Course Outline		
CO1	भाषाकौशलविकास: हिंदीभाषाकेअध्ययनसेछात्रोंकीपढ़ने, लिखने, सुननेऔरबोलनेकीक्षमतामेंसुधारहोताहै।		PO7
CO2	साहित्यिकज्ञान: हिंदीअध्ययनसेछात्रोंकीरचनात्मकलेखनक्षमताविकसितहोतीहै, जिससेवेअपनेविचारोंकोनएऔरआकर्षकतरीकेसेप्रस्तुतकरसकतेहैं।		PO7
CO3	सामाजिकजागरूकता: हिंदीअध्ययनसेसमाजमेंमौजूदविभिन्नमुद्दों, जैसेसमानता, न्याय, औरसामाजिकपरिवर्तन, परविचारकरनेकीक्षमताविकसितहोतीहै।		PO7
CO4	संस्कृतिऔरपरंपरा: हिंदीभाषाकेअध्ययनसेभारतीयसंस्कृति, परंपराओंऔरइतिहासकीगहरीसमझमिलतीहै।		PO7
CO5	व्याकरणऔरभाषासंरचना: छात्रोंकोहिंदीसाहित्यऔरभाषाकेविभिन्नपहलुओंपरअनुसंधानकरनेऔरविश्लेषणात्मकसोचविकसितकरनेकाअवसरमिलताहै।		PO7

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Semester II			
Course Title	Ancient History of Costumes of India (Theory)	Credits	2
Course Code	VAC 004		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will gain theoretical knowledge about world art and ancient Egyptian art required in the field of fashion.		PO6
CO2	Students will learn about fabrics, techniques and drapes of different eras and will be able to Introduce it to today's fashion industry in a more creative way.		PO6
CO3	Students will learn about fabrics, techniques and drapes of different western costumes and will be able to be introduced to today's fashion industry in a more creative way.		PO6
CO4	Students will gain theoretical knowledge about costumes of 13th to 18th century required in the field of fashion garment.		PO6
CO5	Students will develop understanding about ancient and contemporary costumes of India.		PO6

**Objective:** The subject focuses on visual arts as a cultural phenomenon and its study from diverse disciplinary requirements. It also covers History of Indian Costume, Historic costume, Social background of Indian Costume and advance history of Fashion. Creative use of research and inspirational library sources are coordinate with art work in the development of current design.

### **Module I**

Part A: World Art Appreciation Module I – Prehistory Pre historic at as early civilization: Background/history- Transition from Palaeolithic to Neolithic. Egyptian Art: Historical introduction to the origin of river civilization –symbol and belief- pyramids and its importance in Egypt- Life after death.

### **Module II**

Part B: History of World Costume Module II – Indian costumes Pre-Vedic era, Vedic and post Vedic era – Mauryan – Satvahana – Kushal dynasty – Gupta dynasty – Mughal period – Costumes of the British raj – traditional costumes natyashastra – performing arts and textile of India – contemporary fashions.

### **Module III**

**Western Costume** Origin of costume – development of costume – Beginning of civilization – Greek, Roman & Egyptian dyeing and printing also

### **MODULE IV**

13<sup>th</sup>, 14<sup>th</sup>, 15<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup> century. Costumes For Men – Costumes For Women – Accessories. Costumes From French Revolution To Early 20<sup>th</sup> century. Revolutionary Period – 1789- 1815 – The Monarchy (1789-1792) – The Republic (1792-1795) – The Directory Period (1795-1799) – Consulate and empire (1799-1815)

### **Module V-Contemporary Fashions**

From early 20<sup>th</sup> century to contemporary fashion. Students do an individual research study on any designer and a group study on each decade starting from 1930.

### **REFERENCE BOOKS:**

1. *A history of fashion: Madge Garland.*
2. *History of Indian Costume.*
3. *Survey of historic costume: Linda A. Snyder*
4. *Evolution of fashion.*
5. *Social background Indian Costume: DKM Kapadiya*

Semester II			
Course Title	Stress Management (Theory)	Credits	2
Course Code	GE-		
Learning Level	BTL		

### **MODULE I: LEARNING ABOUT SOURCES OF STRESS AND ITS SYMPTOMS**

- The Nature of Stress: Understanding its Definition and Characteristics
- Environmental Sources of Stress: Noise, Pollution, and Crowding
- Social Stressors: Family, Workplace, and Peer Pressure
- Physiological Stress: Impact of Lifestyle and Health Factors
- Psychological Stress: Anxiety, Depression, and Negative Thinking
- How Stress Affects Emotional Wellbeing
- Physiological Symptoms of Stress: Effects on the Nervous and Endocrine Systems

- Behavioral Changes Due to Stress: Eating Habits, Sleep Patterns, and Substance Use
- Case Study: Identifying and Analysing Stress Symptoms in Daily Life
- The Role of Technology and Social Media in Stress Generation

## **MODULE II: STRESS AND HEALTH**

- The Relationship Between Stress and Chronic Illnesses
- Stress and Mental Health Disorders: Depression, Anxiety, and PTSD
- Eustress vs. Distress: Understanding Positive and Negative Stress
- Impact of Stress on the Immune System
- Workplace Stress and its Effects on Employee Health
- Stress and Sleep: The Vicious Cycle of Insomnia and Anxiety
- How Stress Affects the Cardiovascular System
- The Connection Between Stress and Eating Disorders
- The Role of Cortisol in Stress and Health Issues
- Coping with Stress in Students: A Survey-Based Analysis

## **MODULE III: MANAGING STRESS-I (METHODS)**

- Yoga as a Stress Management Technique: Benefits and Practices
- The Science Behind Meditation and Its Effects on Stress Reduction
- Mindfulness-Based Stress Reduction (MBSR) and its Application
- Relaxation Techniques: Deep Breathing, Progressive Muscle Relaxation, and Visualization
- How Physical Exercise Helps in Stress Management
- Music Therapy and Its Role in Reducing Stress
- Aromatherapy: Can Scents Help Reduce Stress?
- Comparing Meditation and Yoga: Which is More Effective for Stress Relief?
- Art Therapy and Its Role in Emotional Stress Management
- The Impact of Laughter Therapy on Stress Reduction

## **MODULE IV: MANAGING STRESS-II (APPROACHES)**

- Problem-Focused Coping: Strategies and Effectiveness
- Emotion-Focused Coping: Managing Feelings and Reactions to Stress
- Time Management as a Tool for Stress Reduction
- Journaling for Stress Management: Expressive Writing Techniques
- Cognitive Behavioral Therapy (CBT) for Stress Reduction
- Social Support Systems and Their Role in Coping with Stress
- Work-Life Balance: Strategies to Reduce Occupational Stress
- The Role of Positive Thinking and Affirmations in Stress Management
- How Hobbies and Leisure Activities Help in Coping with Stress
- Developing a Personalized Stress Management Plan: A Step-by-Step Guide

**Text Books/ Reference Books:**

1. Barlow, Rapee, and Perini(2014), 10 Steps to Mastering Stress: A Lifestyle Approach, USA
2. Dutta, P,K, (2010) Stress management Himalaya, Himalaya Publishing House
3. Lee, K. (2014). Reset: Make the Most of Your Stress: Your 24-7 Plan for Well-being. Universe Publishing.
4. Roy,S (2012) Managing stress, Sterling Publication

Semester II			
Course Title	C.G. ki Janjatiya Sanskriti (Theory)	Credits	2
Course Code	GE-		
Learning Level	BTL		

Unit-1 : Tribes of Chhattisgarh

Unit-2: Tribal Development

Unit-3: Tribal Social Organization

Unit-4: Chhattisgarh : Costume, Ornaments,Instrument,Vyanjan.

Unit-5 : Chhattisgarh: Folkart and Culture.

**REFERENCE BOOKS :**

1. Chhattisgarh Tribes and Culture by Bishnu Mohan Panda
2. Culture of Chhattisgarh by Vinod Verma

Semester II			
<b>Course Title</b>	<b>Emerging IT Technology for Professionals (Theory)</b>	<b>Credits</b>	<b>2</b>
<b>Course Code</b>	<b>GE-</b>		
<b>Learning Level</b>	<b>BTL</b>		

### **Module I: Information and Communication Technology (ICT)**

Introduction to ICT

ICT Infrastructure

Emerging trends – AI, ML, DL, LLM, ChatGPT

### **Module II: Application of AI and ML in Education**

Introduction AI and ML in Education

AI for Personalized Learning

AI in Administrative Tasks

### **Module III: Application of AI and ML in Healthcare**



Introduction to AI and ML in Healthcare  
AI in Diagnostics and Treatment  
AI in Healthcare Administration

#### **Module IV: Application of AI and ML in Business**

Introduction to AI and ML in Business  
AI for Business Process Optimization  
Challenges and Future Trends in AI for Business

#### **Module V: Application of AI and ML in Agriculture**

AI for Precision Agriculture  
AI in Livestock Management  
Environmental and Economic Impacts of AI in Agriculture

#### **References**

1. UNESCO. ICT IN EDUCATION: POLICY, INFRASTRUCTURE AND OER, 2013.
2. Turban, E., & Volonino, L. INFORMATION TECHNOLOGY FOR MANAGEMENT, Wiley, 2015.
3. Holmes, W., Bialik, M., & Fadel, C. ARTIFICIAL INTELLIGENCE IN EDUCATION, 2019.
4. UNESCO. AI AND EDUCATION: GUIDANCE FOR POLICY MAKERS, 2021.
5. Rajkomar, A., Dean, J., & Kohane, I. "Machine Learning in Medicine," NEW ENGLAND JOURNAL OF MEDICINE, 2019.
6. Esteva, A. et al. "Dermatologist-level Classification of Skin Cancer," NATURE, 2017.
7. Agrawal, A., Gans, J., & Goldfarb, A. PREDICTION MACHINES: THE SIMPLE ECONOMICS OF ARTIFICIAL INTELLIGENCE, 2018.
8. Davenport, T. H., & Ronanki, R. "Artificial Intelligence for the Real World," HARVARD BUSINESS REVIEW, 2018.
9. Liakos, K. G. et al. "Machine Learning in Agriculture: A Review," SENSORS, 2018.
10. Sharma, R. et al. ARTIFICIAL INTELLIGENCE IN AGRICULTURE, Springer, 2020.

# **SEMESTER -III**

Semester III			
Course Title	Garment Construction-III (Lab)	Credits	2
Course Code	BSC DSC- 301		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will be able to create basic garments for adults.		PO2
CO2	Students will be able to create new designs with basic garments and use them in making designer costumes.		PO2
CO3	Students will be able to enhance the skill of students to create adult garments using techniques learned.		PO2
CO4	Students will be able to develop an understanding about different stitching techniques for adult garments.		PO2
CO5	Students will be able to learn about adult upper and lower garments.		PO2

**Objective:** *To enable students to understand and apply dart manipulation techniques using methods like slash & spread and pivot. The course also aims to develop the ability to design and construct various categories of garments including kidswear, western wear, bridal wear, and beachwear, with an emphasis on garment styling and fitting.*

### Module I

Slash & spread method – Pivot method

Exercises: Shift dart into another area; Two darts into one; Two darts into two; Darts into gathers; Darts into tucks; Darts into flare; Darts into pleats; Darts into seam line; princess; Darts into yokes; Princess line, princess away from apex; Darts in multiple darts; Darts into style lines in garment stitching for fitting and styling.

Dart Manipulation

**Module II**

Kids wear Indian Wear

**Module III**

Western Wear, Beach Wear

**Module IV**

Bridal Wear

**Module V**

Developing Garments

***Reference books:***

1. *Apparel manufacturing: Hand book- Jacob Soclinger*
2. *Technology of clothing manufacture: Herold Carr & B. Latham*
3. *Knitted Clothing Technology: T. Bracken Berry*
4. *Technology of Stitches & Seams: Coats Viyella Limited.*

	<b>Semester III</b>		
<b>Course Title</b>	<b>Science of Clothing Comfort(Theory)</b>	<b>Credits</b>	<b>2</b>
<b>Course Code</b>	<b>BSC DSC- 302</b>		
<b>Learning Level</b>			
CO	COURSE OUTCOMES		PO
CO1	Students will be able to explain the fundamental principles of clothing comfort, encompassing its psychological, physiological, and physical dimensions.		PO2, PO5
CO2	Students will be able to apply the science of thermal and moisture transmission to evaluate the performance of different textiles in various environmental conditions.		PO2,PO5
CO3	Students will be able to analyze the tactile properties of fabrics and their impact on wearer comfort.		PO2,PO5
CO4	Students will be able to assess the role of garment fit and construction in achieving wearer comfort and suggest improvements.		PO2, PO5
CO5	Students will be able to use a multidisciplinary approach to address complex comfort issues in the design and manufacturing of apparel.		PO2, PO5

### **Module 1: Introduction and Psycho-Physiological Aspects**

- Introduction to Clothing Comfort: Need for and selection of clothing, and the components of clothing comfort.
- Psychology and Comfort: Psycho-physiological factors influencing comfort perception.
- Neurophysiological Processes: Understanding the neurophysiological processes involved in sensory perception (touch, pain, temperature).

### **Module 2: Tactile Comfort**

- Tactile Sensations: Exploring different tactile comfort sensations (e.g., prickliness, itchiness, softness, smoothness).
- Fabric Handle Attributes: Identifying fabric properties that contribute to tactile comfort.
- Measurement: Objective measurement and evaluation of fabric handle and tactile properties.

### **Module 3: Thermal Comfort**

- Human Thermoregulation: How the human body regulates temperature.
- Thermal Transmission: Principles of heat exchange (conduction, convection, radiation) through clothing.
- Material Properties: Thermal properties of various fibers, yarns, and fabrics, and their influence on thermal comfort.

### **Module 4: Moisture Comfort**

- Moisture Transmission: Mechanisms of moisture transport through textile materials (liquid and vapor).
- Dynamic Transmission: Combined and dynamic heat and mass (moisture) transfer interactions within the clothing system.
- Moisture Management: Design principles for moisture-management fabrics in different applications (e.g., sportswear).

### **Module 5: Fit and Special Applications**

- Garment Fit: Relationship between body dimensions, pattern engineering, garment fit, and overall comfort.
- Specialty Clothing: Comfort requirements for specific applications such as protective wear, sportswear, and intelligent textiles.
- Evaluation: Methods for subjective and objective evaluation of clothing comfort

### **Reference book**

Science of clothing comfort book by Dr Apurba Das  
Video lecture on NPTEL/SWAYAM Portal

<b>Semester III</b>			
<b>Course Title</b>	<b>Garment Manufacturing Machines (Theory)</b>	<b>Credits</b>	<b>2</b>
<b>Course Code</b>	<b>BSC DSC- 303</b>		
<b>Learning Level</b>	<b>BTL</b>		
<b>CO</b>	<b>COURSE OUTCOMES</b>		<b>PO</b>
CO1	Students will learn industries process details		PO1,PO4
CO2	To impart knowledge of machines and tools used for industries garment cutting.		PO4
CO3	Students will learn to acquire a detailed knowledge of Industries machine functions for sewing.		PO4,PO1
CO4	Students will learn to differentiate between flat bed, cylinder bed, and post bed sewing machines and understand their specific applications in garment manufacturing.		PO4,PO5
CO5	Students will learn all types of garments machines and techniques used to make garment.		PO4

### **Module I**

Introduction to garment industry process details.

### **Module II**

Garment cutting machines and its application – detailed study on band knife and straight knife machine – introduction and basic concept of fabric spreading machine.

### **Module III**

Sewing machines: Classification of garment manufacturing machines. Application – description and functioning of single needle lock stitch machine - double needle lock stitch machine – over lock machine - flat lock stitch machine – possible modifications – attachments for various purpose – guides – folders. Machine beds.

#### **Module IV**

Flat bed – cylinder bed – post bed – application – types and parts of machine needles – needle size – sewing machine feed system – details of stand, table and motor for sewing machine.

#### **Module V**

Model sewing machine: Button stitching – snap button fixing – bar tacking – feed off the arm embroidery machines – placket making machines – heavy duty sewing machines. Garment finishing machines. Introduction to various machines for garment finishing – machines - fusing – sucking – ironing – packing.

#### **Reference books**

1. *Apparel manufacturing: Hand book – Jacob Soclinger*
2. *Technology of clothing manufacturing: Harold Carr & Latham*



Semester III			
Course Title	Draping & Pattern Making – II (Theory)	Credits	2
Course Code	BSC DSC- 304		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will be able to develop patterns for adult patterns to meet industry standards.		PO1
CO2	Students will develop the capability and skills of creating patterns for designer wear with dart manipulation techniques.		PO1
CO3	Students will get to know about the importance of darts and their uses.		PO1
CO4	Students will be able to develop commercial papers.		PO1
CO5	Students will improve their skill of effectively incorporating the art of darts and its manipulation in developing patterns.		PO1

**Objectives:** *This is an introductory course where the relationship between draping on a three dimensional form and a flat pattern making is introduced. Students draft basic sloper according to dress from measurements. The basic sloper is used to develop creative designs. The final project is the development of an original design through the flat pattern method.*

#### **Module I**

Draping- Introduction: Measurements, Taping, Fabric Grains, and Preparation of muslin for draping. Knowledge of material (Stiff or Soft) for draping.

#### **Module II**

Slash & spread method – Pivot method

Exercises: Shift dart into another area; Two darts into one; Two darts into two; Darts into gathers; Darts into tucks; Darts into flare; Darts into pleats; Darts into seam line; princess; Darts into yokes; Princess line, princess away from apex; Darts in multiple darts; Darts into style lines. Dart Manipulation

### **Module III**

Bodices: Basic Bodice Block, gathers, tucks, pleats..., Basic sleeve. (Draping and pattern development)Yokes On bodice ,Development of design with darts, pleats, flares, gathers, style lines added fullness Indian Wear

### **Module IV**

Western Wear, Beach Wear

### **Module V**

Basic trouser Block – Skirt variations Gathered, Basic skirt block, A line, Pleated,yoked, and Hip yokes, panelled, Gores, Gored, Flare, Circular.

### **Reference books**

1. *Apparel manufacturing: Hand book- Jacob Soclinger*
2. *Technology of clothing manufacture: Herold Carr &B.Latham*
3. *Knitted Clothing Technology: T.Bracken Berry*
4. *Technology of Stitches & Seams: Coats Viyella Limited*

Semester III			
Course Title	Computer Aided Designing-I (Lab)	Credits	2
Course Code	BSC DSC- 305		
Learning Level	Course Outline		
CO	COURSE OUTCOMES		PO
CO1	Students will be able to develop and create patterns for mass and niche markets using Pattern Making Software (Gerber Technology).		PO3
CO2	Students can explore their creativity by learning the concept of pattern making.		PO3
CO3	Student will be able to Prepare huge amount of production with proper grading and specification using software.		PO3
CO4	Students will learn to explore the role of color in picture realization for fashion photography.		PO7
CO5	Students will learn to understand the dynamic systems in settings.		PO7

#### USING DESIGNING SOFTWARE WORK THE FOLLOWING :

1. Draw the given image using CAD software
2. Draw the given image and work on draping skirts for teenager
3. Draw the given image and work on draping on a men's shirt
4. Draw the given image and work on a ladies top
5. Draw the given image and work on draping on a kid's shirt
6. Scan the given image and work on colour combination using the given colour codes
7. Scan the given image and other modifications as needed
8. Create a fully fashioned garment using different texture expert software
9. Create a set of garments using given colours and motifs combination, meant for specific end use as given
10. Create a spec and flat pattern garment for different garment

#### REFERENCE BOOKS

1. COREL DRAW, PHOTOSHOP, MACROMEDIA FLASH AND VISION FASHION STUDIO

Semester III			
Course Title	Embroidery And Surface Ornamentation (Theory)	Credits	2
Course Code	BSC DSC- 306		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will be able to understand the application of different embroidery techniques to create 2D and 3D effects.		PO1
CO2	Students will be able to develop utility articles with the help of basic embroidery stitches.		PO1
CO3	Students will explore and bring into practice their ideas through embroidery.		PO1
CO4	Students will be able to develop utility articles with the help of basic knotting and knitting techniques.		PO1
CO5	Students will be able to create innovative designs by combining number of stitches and by using creative raw material.		PO1

**Objective:** *The subject aims at developing understanding of the different techniques of surface ornamentation focused on embroidery and resist dyeing techniques. General rules of embroidery for hand and machine embroidery, attachments to sewing machines for embroidery – identifications of embroidery stitches-needle-thread and fabrics-selection for design using computers-surface ornamentation-tools and equipments-needle and thread*

### Module I

Introduction to Embroidery ,Back stitch variations – bullion knot – button hole & blanket – chain stitch – cable chain stitch – daisy stitch – open chain stitch – twisted chain – zigzag cable stitch – chevron stitch – coral stitch – couching – Bokhara couching – Rumanian couching – Cretan stitch – cross stitch – faggoting or insertion stitches – feather stitch – chained feather stitch – closed feather stitch – Chequered chain stitch –

fish bone stitch – fly stitch – herring stitch – satin stitch – spider's web – stem stitch – Rumanian stitch – overcastting – straight stitch.

## **Module II**

Importance of design – counted thread work – cut work – drawn thread work – use of beads and sequins. Developing (hand work) Aari, Zardosi samples

## **Module III**

Traditional embroideries. Kantha, Zardosi, Phulkari, Chikankari, Kasuti, Kasida, Embroidery of Gujarat and Rajasthan

## **Module IV**

Knitting, Tufting, Crochet, Macramé.

## **Module V**

Exploration, improvisation and adaptation of above techniques towards innovative surfaces and forms while using a variety of material of like different kinds of yarns. Vegetable fibre, threads and ropes, ribbons, braids, trimmings, paper, wires, fabrics, acrylics, polythene, self reflecting foil etc.

Teaching Aids:

Slides and visuals on the handcrafted surfaces, forms, objects, artefacts, accessories and garments. A personal file on the techniques with samples, along with a var

Evaluation Criteria:

Innovation and adaptation towards a contemporary expression.

## **Reference books**

1. *Readers Digest-complete book to needle work*
2. *Books on tatting*
3. *Crochet Macramé*

Semester III			
Course Title	Professional Communication & Presentation skills(Theory)	Credit	2
Course Code	AEC 306		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Demonstrate clear and confident communication in professional settings		PO1,5
CO2	Deliver impactful presentations using appropriate digital tools		PO3,7
CO3	Draft professional emails, resumes, and reports		PO1,2
CO4	Interact effectively in group discussions, interviews, and client meetings		PO2,5
CO5	Present fashion portfolios with confidence and industry relevance		PO4,7

**Objective:**

- To develop effective verbal and non-verbal communication skills for the fashion industry.*
- To train students in professional presentations with emphasis on industry-specific standards.*
- To enhance soft skills including confidence, etiquette, listening, and articulation.*
- To integrate digital tools in communication and portfolio presentation.*
- To foster entrepreneurial, collaborative, and global communication competency.*

**Module I: Business Communication**

- What is business communication?
- Why is business communication important in fashion industry?

- What are the four types of business communication?
- Key business communication skills & significance.
- Importance of communication in fashion business.
- How to improve skills for business communication?
- How to highlight business communication abilities?

## **Module II: Role of communication in fashion careers**

- Business Communication vs. Business Communication Services.
- Which business communication services does my business need?
- Problems that effective business communication can solve.
- 5 Steps to set up your business communication process.
- Business Communication Channels.
- Company success through communication.
- Ready to improve your business communication?
- Effective business communication for workplace success.
- Effective Business Communication Techniques.
- 5 proven methods for boosting employee morale.

## **Module III: Presentation Skills & Public Speaking**

- Components of effective presentation.
- Voice modulation, stage presence and storytelling.
- Use of PowerPoint / Canva / Prezi for fashion presentations.
- Pitching fashion ideas or collections.

## **Module IV: Business & Industry Communication**

- Client communication & customer handling.
- Professional etiquette & ethics in workplace.
- Interview preparation and group discussions.
- Conducting and attending meetings

## **Module V: Portfolio & Visual Presentation**

- Cover Letter writing for fashion industry.

- Professional e-mails & memos.
- Writing proposals, reports & press releases.
- Social media writing (Instagram captions, look book blurbs, etc.)
- Fashion portfolio layout and communication.
- Preparing for exhibitions & fashion shows.
- Digital portfolio presentation.
- Brand pitching & promotional presentation skills.

***Reference books***

1. *Business Communication by Meenakshi Raman & Prakash Singh*
2. *Personality Development and Soft Skills by Barun Mitra*
3. *Fashion magazines (e.g., Vogue Business, WWD) for industry trends*
4. *Online tools: Canva, Prezi, Google Slides, Trello*



Semester III			
Course Title	Sustainable Design in Fashion (Project)	Credits	2
Course Code	VAC 308		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Understand core principles of sustainability in fashion, including environmental and social impacts.		PO1
CO2	Apply design thinking stages (empathize, define, ideate, prototype, test) to sustainability challenges.		PO2
CO3	Identify and evaluate sustainable materials, including certifications and lifecycle assessments.		PO3
CO4	Analyze ethical design practices, fair labor standards, transparency, and community impacts.		PO4
CO5	Develop and present sustainable fashion concepts and prototypes incorporating feedback and testing.		PO5,6

**Objective:** Understand core principles of sustainability in fashion. Apply design thinking methodologies to solve sustainability challenges. Explore eco-friendly materials, ethical production, and lifecycle thinking. Develop sustainable fashion concepts and prototypes

### Module I

Introduction to Sustainability in Fashion & Principles of Design Thinking

Definition and scope of sustainability. Environmental and social impact of fashion. Fast fashion vs. sustainable fashion. Circular fashion and cradle-to-cradle model. What is design thinking? Stages: Empathize, Define, Ideate, Prototype, Test Case studies in sustainable innovation

### Module II

Materials and Resources & Ethical Design Practices Sustainable textiles and fibers (organic cotton, bamboo, hemp, etc.) Recycled and up cycled materials. Material lifecycle assessment. Textile certifications (GOTS, OEKO-TEX, Fair Trade)

### **Module III**

Fair labour practices, community impact, Ideation and Concept Development Transparency and traceability Sustainable production methods. Local vs. global sourcing. Identifying real-world sustainability problems. Brainstorming eco-conscious solutions. Storytelling through sustainable fashion.

### **Module IV**

Prototyping and Testing & Creating mock-ups with sustainable materials. Experimenting with zero-waste patterns. Testing with users/feedback loops.

### **Module V**

Final Project Development & Peer and mentor reviews Designing a sustainable fashion product or capsule collection. Preparing presentation boards and concept narratives. Project Presentation & Evaluation Final product display and walk through **Khadi Fashion show**. Oral presentation & sustainability pitch.

### **Reference Books**

1. *Fashion and Sustainability: Design for Change* by Kate Fletcher & Lynda Grose
2. *Cradle to Cradle: Remaking the Way We Make Things* by William McDonough & Michael Braungart
3. *Reports by Ellen MacArthur Foundation (especially on circular fashion)*
4. *Sustainable fashion blogs, journals, and TED Talks*

Semester III			
Course Title	Fashion Photography (Lab)	Credits	2
Course Code	SEC 301		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Students will learn to understand the rules of photography for apparel, styles and poses.		PO7
CO2	Students will learn to explain the definitions in photography for fashion photoshoot.		PO7
CO3	Students will learn to understand lighting in photography for fashion photoshoot.		PO7
CO4	Students will learn to explore the role of color in picture realization for fashion photography.		PO7
CO5	Students will learn to understand the dynamic systems in settings.		PO7

**Objective:** To provide basic knowledge of photography and fashion choreography, focusing on lighting, color, advertising photography, and organizing fashion shows with different ramp types.

#### **Module I**

Introduction to basics of Photography

#### **Module II**

Introduction – Colour concept – light effects – focusing (different levels)

#### **Module III**

Advertising Photography – industrial photography

#### **Module IV**

Choreography for Fashion Show

#### **Module V**

Different Types of Ramp.

#### **Reference books**

1. *Photographing people - Portraits fashion Glamour: David Wilson*

<b>Semester III</b>			
<b>Course Title</b>	<b>Organizational Behavior (Theory)</b>	<b>Credits</b>	<b>2</b>
<b>Course Code</b>	<b>GE- 306</b>		
<b>Learning Level</b>	<b>BTL</b>		
<b>CO</b>	<b>COURSE OUTCOMES</b>		<b>PO</b>
CO1	To understand the need and importance of organizational behaviour.		
CO2	To understand and analyze the personality and learning theories.		
CO3	To understand the importance of attitude and its effect on personality building and emotional competence.		
CO4	To understand and apply basic knowledge about group dynamics, team building, and organization structure.		
CO5	To evaluate and learn the importance of organizational change and development.		

### **MODULE I: FOCUS AND PURPOSE**

- Definition
- Need and importance of Organizational Behaviour
- Nature and scope
- Framework – Organizational Behaviour Models

### **MODULE II: INDIVIDUAL BEHAVIOUR**

- Personality: Types, Factors influencing personality, Theories
- Learning: Types of Learners, The Learning Process, Learning Theories, Organizational Behaviour Modification
- Attitudes: Characteristics, Components, Formation, Measurement
- Perception: Importance, Factors influencing perception, Interpersonal perception
- Motivation: Importance, Theories, Effects on work behaviour

### **MODULE III: GROUP BEHAVIOUR**

- Organization Structure: Formation
- Groups in Organizations: Influence, Group Dynamics
- Emergence of informal leaders and working norms
- Group Decision Making Techniques

- Interpersonal relations
- Communication
- Control

#### **MODULE IV: LEADERSHIP AND POWER**

- Leadership: Meaning, Importance, Leadership styles, Theories, Leaders vs Managers
- Power: Sources of Power, Power Centers, Power and Politics

#### **MODULE V: DYNAMICS OF ORGANIZATIONAL BEHAVIOUR**

- Organizational Climate: Factors affecting Organizational climate, Importance
- Job Satisfaction: Determinants, Measurement, Influence on behaviour
- Organizational Change: Importance, Stability vs. change, Proactive vs. Reactive change, The change process, Resistance to change, Managing change
- Organizational Development: Characteristics, Objectives, Team building
- Organizational Effectiveness: Perspectives, Effectiveness vs. Efficiency, Approaches, The Time Dimension, Achieving organizational effectiveness

#### **TEXT BOOKS / REFERENCE BOOKS:**

1. Stephen P. Robbins, "Prentice Hall of India" 9th Edition, 2001.
2. Hellriegel, Slocum and Woodman, "Organizational Behavior" South-Western, Thomson Learning, 9th edition, 2001.
3. Schermerhorn, Hunt and Osborn, "Organizational Behavior" John Wiley, 7th edition, 2001.
4. "Organisational Behavior", Jit Chand, Vikas Publishing House Pvt. Ltd, 2nd edition, 2001.
5. Fred Luthans, "Organisational Behavior", McGraw-Hill Book Co., 1998.
6. Newstrom and Davis, "Organisational Behaviour", McGraw-Hill, 2001.
7. Jeff Harris and Sandra Hartman, "Organisational Behaviour", Jaico, 2002.

<b>Semester III</b>			
<b>Course Title</b>	<b>Financial Literacy (Theory)</b>	<b>Credits</b>	<b>2</b>
<b>Course Code</b>	<b>GE- 023</b>		
<b>Learning Level</b>	<b>BTL</b>		
<b>CO</b>	<b>COURSE OUTCOMES</b>		<b>PO</b>
CO1	Understand the role of financial literacy in personal and professional life.		
CO2	Demonstrate knowledge of banking, digital transactions, and secure usage of financial tools.		
CO3	Prepare simple budgets and apply saving and investment strategies.		
CO4	Explain the basics of credit, loans, insurance, and taxation.		
CO5	Apply financial knowledge in real-life scenarios for better financial planning and decision-making		

### **Module I**

**12 Hours**

Understanding Financial Literacy: Concept and importance of Financial Literacy, Budgeting: Income, Expenses, needs vs Wants, Introduction to Personal Finance and Goal Setting, Role of financial planning in life, building a financial mindset, Activity: Students create their monthly personal budget using 50-30-20 rule.

### **Module II**

**12 Hours**

Banking and Digital Finance: Types of bank accounts (Savings, Current, RD, FD), How to open and operate bank accounts, Digital payment systems: UPI, IMPS, NEFT, wallets (Paytm, GPay, PhonePe), Debit & credit cards: usage and safety, Cybersecurity and financial fraud awareness, Role of RBI and regulatory bodies, Activity: Case study of UPI fraud prevention.

### **Module III**

**12 Hours**

Budgeting, Saving & Investment Basics: Principles of saving and setting financial goals, Saving options: Bank FDs, Recurring Deposits, PPF, Post Office schemes, Basics of investment: Mutual Funds, SIP, Shares (intro only), Power of compounding and financial discipline.

### **Module IV**

**12 Hours**

Credit, Loans, and Debt Management: Understanding credit score and CIBIL, Loans: Education, Personal, Vehicle – overview, EMI and interest rate concepts, good vs bad credit habits, Credit card usage and debt traps, Activity: Case study.

**Module V****12Hours**

Insurance, Taxation, and Government Schemes: Basic understanding of income tax: slabs, PAN, filing, Insurance: Health, Life, Motor – features and need, financial identity: PAN, Aadhaar, KYC norms, Govt. schemes: PMJDY, PMJJBY, PMSBY, Sukanya Samriddhi Yojana, SRI Fund, Activity: Students identify a scheme they can apply for and list its benefits.

**Textbook:**

1. “Essentials of Marketing Management” by Dr. Vikas Tiwari, Dr. Priyanka Bose and Dr. Supriya Singh Chouhan, Amazon Kindle Edition, 2024
2. Financial Literacy: A Beginner's Guide to Managing Money, National Centre for Financial Education (NCFE), SEBI, RBI Publications.

**Reference Book:**

1. Monika Halan, Let's Talk Money, Harper Business
2. “Essentials of Marketing Management” by Dr. Vikas Tiwari, Dr. Priyanka Bose and Dr. Supriya Singh Chouhan, Amazon Kindle Edition, 2024
3. Robert T. Kiyosaki, Rich Dad Poor Dad (Simplified Reading Edition)
4. Eric Tyson, Personal Finance for Dummies, Wiley
5. Neeraj Agarwal, Personal Finance Simplified, Buzzingstock Publishing
6. S. S. Gupta, Financial Planning Made Simple, Taxmann
7. L.M. Bhole and Jitendra Mahakud, Financial Institutions and Markets, McGraw Hill

Semester III			
Course Title	Film Studies (Theory)	Credits	2
Course Code	GE- 023		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	To understand the historical development of cinema		
CO2	To critically interpret films using established theoretical frameworks, including formalism, realism, auteur theory.		
CO3	To understand basics of film production.		
CO4	Analyze the historical, cultural, and industrial contexts in which Citizen Kane and Rashomon were produced and released.		
CO5	To examine the cinematic styles present in the films Mor Chhaiyan Bhuyiaan and Bhulan: The Maze.		

**Objective:** The objective of Film Studies is to critically analyze cinema as an art form, cultural product, and medium of communication. It aims to understand the social, political, historical, and aesthetic dimensions of films, while developing visual literacy and appreciation of cinematic techniques.

#### MODULE I

##### **Brief History of Cinema, Early Indian Cinema and the Silent Era**

#### MODULE II

##### **The birth of talkies Era, Early Auteurs: Pathar Panchali by Satyajit Ray, New Wave Cinema**

#### MODULE III

##### **Basics of Film Production, Film Censorship**

#### MODULE IV

##### **Case study of Famous cinema of the world:**



- Orson Welles: CITIZEN KANE (1941)
- Kurosawa Akira: RASHOMON (1950)

## MODULE V

### **OTT Era, Chhattisgarh's Regional Cinema:**

- MOR CHAIYAAN BHUYIAN
- BHULAN THE MAZE

## RECOMMENDED READINGS

1. **The Oxford History of World Cinema**
  - By: Geoffrey Nowell-Smith | Oxford University Press, 1997
2. **Theatre to Cinema: Stage Pictorialism and the Early Feature Film**
  - By: Ben Brewster, Lea Jacobs | Oxford University Press, 1997
3. **Mass Communication in India**
  - By: Kewal J Kumar
4. **Film, Television and Theatre**
  - By: Ashish Pandey
5. **Film Studies: An Introduction**
  - By: Ed Sikov

# **SEMESTER -IV**

Semester IV			
Course Title	Fashion Illustration & Art Portfolio	Credits	2
Course Code	BSC DSC-401		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will gain knowledge about different wear.		PO1,PO2
CO2	Will enable students to work on different boards required in the field of fashion.		PO1,PO2
CO3	They will be able to draw different clothing lines based on selected / particular themes.		PO2,PO2
CO4	Students will be able to develop an approach through ideation.		PO1,PO2
CO5	Students will also gain knowledge about different hanger illustration required in the field of fashion.		PO1

**Objective:** *To introduce students to various categories of fashion wear and enhance their skills in developing mood boards, fashion illustrations, and design presentations. The course also focuses on understanding customer profiles, color palettes, and the fundamentals of specialized fashion design.*

#### **Module I**

Introduction -Different kinds of wear

Casual wear, Sportswear, Formal, Semi formal, Evening wear, Party wear:

#### **Module II**

Introduction - Mood Board

Mood board; Colour Palette; Customer profile; Composition – illustration; Specification sheet

### **Module III**

Details Study Women's Mood Board, Men's Mood Board, Kids Mood Board

### **Module IV**

Details Study

Drawing hanger illustration, Fashion accessories and presentation

### **Module V**

Basic introduction - Designing of specialized designs.

### **Reference Books:**

1. *The Style Source Book: Judith Miller, Stewart, Tabori& Chang*
2. *Any Illustrated History of Fashion*
3. *Creative Fashion Presentation: Gurein.P*
4. *Dress Casually for Men: Webber M*

Semester IV			
Course Title	Pattern Making – III	Credits	2
Course Code	BSC DSC-402		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will be able to introduce the students to the art of pattern grading.		PO4
CO2	Students will be able to introduce students to the software used in the fashion industry for pattern making.		PO2
CO3	Students will be able to apply the learned techniques of draping to develop a product.		PO2
CO4	Students will be able to apply the technique effectively for a desired fit in a garment.		PO4
CO5	Through the Grading process, students will be able to develop patterns for different sizes.		PO4

**Objective:** *To develop students' practical skills in garment construction by exploring various designs of jackets, trousers, kurtas, pyjamas, and salwars. The course emphasizes hands-on learning of pattern making and sewing techniques for different garment styles used in the fashion industry.*

#### **Module I**

Jackets (Different designs)

#### **Module II**

Constructing various variation trousers and pants

#### **Module III**

Different designs of Kurta

#### **Module IV**

Different designs of Pyjama.

#### **Module V**

Different designs of salwars

#### ***Reference books***

1. *Manuals of different companies*
2. *Apparel manufacturing: Hand book – Jacob Soclinger*
3. *Pattern making for Fashion Design: H.A. Armstrong*
4. *Metric Pattern Cutting: Winfred Aldrich*
5. *Pattern Making made easy: GollianHoliman*
6. *Fabric, from and flat pattern cutting: Winfred Aldrich*
7. *How to make Sencing Pattern: Maccam, Dinald H.*

Semester IV			
Course Title	Computer Aided Designing-II (Lab)	Credits	2
Course Code	BSC DSC-403		
Learning Level			
CO	Course Outline		PO
CO1	Students will be able to understand the basic principles of computer- aided design		PO3
CO2	Students will use advanced CAD tools such as layers, hatch patterns, blocks & other tools with proficiency		PO3
CO3	Students will be able to learn the art of creating clothing and accessories that are not only functional but also visually appealing		PO3
CO4	Student will be able to learn important aspects of fashion design, as it allows designers to create unique and innovative clothing designs		PO3
CO5	Students will be able to learn a technique used in sewing and pattern making to add shape to a garment by manipulating the darts		PO3

**Objective:** *Develop the patterns for the following styles using any cad software for the given size measurements and also grade the pattern to various sizes and estimate the laylength and market efficiency.*

#### **MODULE I**

Introduction to the software

#### **MODULE II**

Options and tools bar

#### **MODULE III**

Developing Basic pattern

#### **MODULE IV**

Design Variation

#### **MODULE V**

Dart Manipulation

#### **REFERENCEBOOKS**

1. CAD/CAM/CIM By P. Radhakrishnan, S. Subramanyan, V. Raju.

Semester IV			
Course Title	Export Documentation (Theory)	Credits	2
Course Code	BSC DSC-404		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will learn about export marketing strategies of Indian apparel.		PO5
CO2	Students will learn about the agreements needs to take care while coordinating overseas for the apparels.		PO5
CO3	Students will learn about the garment industries they should know knowledge of garments industry like woven, Knitted garment industries. Students will be well trained in raw material of apparel and fabric development industry for better selection of fabrics.		PO5
CO4	Students will learn about the Garment Exports entitlements policy and rules in the Administration of Exports Entitlements Policy, Letter of credits etc.		PO5
CO5	Students will gain knowledge of export multinational marketing for the apparel and about documents related to export exchange and learn about the E-commerce of shipping documents.		PO5

**Objective:** To provide students with a comprehensive understanding of apparel export marketing, international trade agreements, export procedures, and documentation. The course emphasizes India's position in the global apparel market, institutional frameworks, and the role of e-commerce and multinational marketing in garment exports.



### **Module I**

Export Marketing of Apparel, Global Scene, and Prospects for Indian Apparel in overseas Market. Globalization. Export barriers.

### **Module II**

GATE & WTO Agreement and Bilateral Textile Agreements signed by India with importing Quota countries.

### **Module III**

Introduction to Garment Industry: Woven Garment Industry, Knitted Garment Industry – Components of Apparel Industry – Raw material of Apparel Industry – Fibre Development and production – Major fabric centres in India - Apparel Industry in India - Export Industry – APEC– GEA – AHEA.

### **Module IV**

Garment Exports Entitlements Policy – APECs rule in the Administration of Exports Entitlements Policy – Indian Institutional Infrastructure for Export – Letter of credits, credits and packaging – FOB Value.

### **Module V**

Multinational Marketing – Export Procedure – Document connected with Exports Exchange Control regulation i to exports – E-commerce – Shipping and Shipment document.

### **Reference books**

1. *International Marketing: Varshney&Maheshwari – Sultan Chand & Co.*  
*Export Marketing: Rathore.D.S. &J.S.Rathore International Business*  
*Enviornment:Sundram& Black*

<b>Semester IV</b>			
<b>Course Title</b>	<b>Export Sampling (Project)</b>	<b>Credits</b>	<b>2</b>
<b>Course Code</b>	<b>BSC DSC-404</b>		
<b>Learning Level</b>			
CO	COURSE OUTCOMES		PO
CO1	Students will learn about making samples dresses which they are planning to export overseas. They will learn about the yarn and its detailed composition.		PO5
CO2	Students will learn about the theme and as per theme design details as per the requirements.		PO5
CO3	For every garment they will have to see the consumption and the cost of the garment's students will have detailed fabric details with their design and prints. And have a detailed knowledge about the color combination for the garment.		PO5
CO4	Students will have full knowledge of universal sizes for all. They will learn in detail about the size like XS, S, M, L, XL, XXL, and so on.		PO5
CO5	Students will learn about the factory cost of the garment. How much will be the investment for the same. Factory cost is important as it will decide the total profit from the garment.		PO5

- ❖ Students will be given export order or export enquiry and they are asked to design the samples as per the specification given and also prepare a report containing the following details

1. Yarn details and composition
2. Design details
3. Fabric consumption per garment
4. Fabric details – design, machine etc.
5. Size details
6. Factory cost of garment

(Total 6 export and 6 export enquiries shall be given)

Semester IV			
Course Title	Garment Construction-IV (Lab)	Credits	2
Course Code	BSC DSC-406		
Learning Level			
C0	COURSE OUTCOMES		PO
C01	Students will be able to develop the existing designs of women and men wear.		P02
C02	Students will be equipped with the knowledge and confidence to respond creatively to a design brief within the women's wear market.		P02
C03	To develop GMT skills in students		P02
C04	To enhance their skills related to stitching and develop understanding related to different women and men garments.		P02
C05	To understand the technicalities involved in creating women and men's wear		P02

**Objective:** The subject develops the application of different techniques used for garment construction with different garment component through creative application. Integrative co- relation of learning about construction of Indian traditional garments is achieved.

#### **Module I**

Jackets (Different designs)

#### **Module II**

Constructing various variation of trousers and pants Indian Wear

#### **Module III**

Different designs of Kurta

#### **Module IV**

Different designs of Pyjama

#### **Module V**

Different designs of Salwars

#### **Reference books**

1. Garment Sewing Guide
2. Fashion Design: H.A. Armstrong

3. *Metric Pattern Cutting: Winfred Aldrich*
4. *Pattern Making made easy: GollianHoliman*
5. *Fabric, from and flat pattern cutting: Winfred Aldrich*

Semester IV			
Course Title	Professional Practices(Theory)	Credits	2
Course Code	BSC DSE-401		
Learning Level	BTL		
CO	COURSE OUTCOMES		PO
CO1	Understand issues of ethics and morality specifically Related to the fashion design profession.		PO4
CO2	Develop strategies for undertaking research and design for projects and select appropriate research methods on projects.		PO5
CO3	Demonstrate an understanding of management skills.		PO2
CO4	Student will learn about the own partnership firm and learn about how to start their own new business.		PO5

**Objective:** *To develop a professional attitude in students by instilling essential workplace manners, ethics, and behavioral understanding. The course focuses on self-esteem, observational learning, organizational behavior, and social learning theories to prepare students for effective and ethical participation in professional environments*

#### **Module I**

Introduction to subject, Need of professionalism

#### **Module II**

Manners, Importance of manners, Good & bad manners, what is etiquette- basic manners and etiquette, good & bad etiquette

#### **Module III**

Ethics, Workplace Ethics & Behaviour, self-esteem-high & low self-esteem

#### **Module IV**

Observational learning, negative and positive behaviours, Bandura's social cognitive learning theory- Attention, Retention/Memory, Initiation, Motivation

#### **Module V**

Organizational Behaviour, individuals in organizations, work groups, how organizations behave

#### **Reference Books**

1. *Publications of Handbook on Professional practice by IIA.*
2. *RoshanNamavati, Professional practice, Lakhani Book Depot, Mumbai 1984.*
3. *WTO and GATT guidelines.*
4. *Working Ethics: How to Be Fair in a Culturally Complex World by Richard Rowson Jessica Kingsley, 2006.*
5. *Ethics and Professionalism , John Kultgen, University of Pennsylvania Press, 1988.*

Semester IV			
Course Title	Fashion Journalism(Theory)	Credits	2
Course Code	BSC DSE-402		
Learning Level	BTL		PO
CO	Course Outline		
CO1	To understand the methods of writing media reports and articles		PO8
CO2	To able to understand work process in the field of fashion media		PO8
CO3	Understand issues of fashion media.		PO8
CO4	Understand the procedure of writing & publishing a Fashion Magazine		PO8

**Objective:** *This course explores the world of fashion journalism, covering its history, evolution, and current practices Students will learn the skills needed to report on fashion trends, write compelling fashion stories, conduct interviews, and understand the role of media in the fashion industry The course combines theoretical knowledge with practical assignments to prepare students for a career in fashion journalism*

### Module I

#### Introduction to Fashion Journalism

- Overview of Fashion Journalism
- History and Evolution of Fashion Journalism
- Key Fashion Publications and Influential Journalists

#### Types of Fashion Journalism

- News Writing & Feature Writing in Fashion
- Reviews and Critiques
- Profile Writing

### Module II

#### Research and Reporting in Fashion Journalism

- Conducting Fashion Research
- Developing Story Ideas
- Interview Techniques
- Using Sources Effectively

#### Writing Style and Techniques

- Writing with Style and Voice
- Structuring Fashion Stories
- Editing and Proofreading
- Headlines and Captions

### **Module III**

#### **Fashion Shows and Events Coverage**

- Reporting from Fashion Shows
- Writing Event Coverage
- Photography and Visual Storytelling
- Deadlines and Timeliness

#### **Digital and Social Media in Fashion Journalism**

- Blogging and Online Journalism
- The Role of Social Media
- Building an Online Presence
- Multimedia Storytelling

### **Module IV**

#### **Ethics and Law in Fashion Journalism**

- Ethical Issues in Fashion Journalism
- Plagiarism and Copyright
- Representation and Diversity
- Dealing with PR and Advertisers

#### **Creating a Fashion Journalism Portfolio**

- Selecting Work for a Portfolio
- Presentation and Design
- Digital Portfolios and Online Platforms
- Final Project Portfolio Submission

### **Module V**

Photography, styling & portfolio making

#### **Reference Books:**

1. *"Fashion Journalism"* by Michael Cote Publisher Peter Lang Inc, International Academic Publishers
2. *"Fashion Writing in Theory and Practice Image, Text and Chanel"* by Paul Jobling Publisher Bloomsbury Academic
3. *"Style and Substance How to Create Engaging Social Media Content for Fashion Brands"* by Nick Westergaard Publisher Que Publishing
4. *"Writing for the Fashion Business"* by Kristen K Swanson and Judith C. Everett Publisher Fairchild Books

Semester IV			
Course Title	Project Presentation & Fashion Show (Project)	Credits	2
Course Code	BSC DSE-403		
Learning Level	BTL		PO
CO	Course Outline		
CO1	Demonstrate the ability to conceptualize, develop, and execute a comprehensive fashion design project, integrating design thinking, research, and technical skills	PO1, PO2, PO5	
CO2	Apply effective visual communication techniques to present design ideas and processes through sketches, illustrations, CAD outputs, and mood boards	PO3, PO7	
CO3	Create a cohesive final collection or design solution that reflects a clear theme, originality, and understanding of market trends and target audience	PO2, PO4, PO6	
CO4	Exhibit professional presentation skills including portfolio development, verbal articulation, and digital showcasing suitable for industry evaluation	PO5, PO7	
CO5	Critically evaluate and defend design choices through self-reflection and peer/instructor feedback during viva or jury assessments	PO4, PO5, PO6	
CO6	Organize and display final work in a professional manner suitable for exhibitions, runway presentations, or digital portfolios	PO4, PO5, PO7	

**Objective:** The students should be made aware of method of apparel production

#### **Module I: Production methodology**

Theme Selection, Research Reference Design Collection and final Illustration for Individual garment.

#### **Module II: Production planning**

Material Selection, Drafting, Pattern making

#### **Module III: Product Process**

Cutting, Sewing, Finishing, washing, Pressing and stain removal.

#### **Module IV: Quality Assurance**



Understanding quality standards, analyzing test reports, sewing defects, Labeling, Packing and Garment Costing.

## **Module V: Report**

Project Report & Fashion Show

### ***Text Book***

1. *Giolleo and Berks, fashion Production Terms*
2. *Grig Hazer, Fantastic Fit For Everybody*
3. *HellenGoworek, Fashion Buying.*

### ***Reference Books:***

1. *J Chuter, Introduction to Clothing Production Management.*
2. *Apparel Online, Apparel Views, Clothesline, Moda, Vogue, Simplicity etc*

Semester IV			
Course Title	Costume Design & Fashion Show (Project)	Credits	2
Course Code	BSC DSE-404		
Learning Level	BTL		PO
CO	Course Outline		
CO1	Understand and apply the methodology of theme selection, design research, and concept illustration for garment development	PO1, PO2	
CO2	Demonstrate knowledge of apparel production planning including material selection, drafting, and pattern making.	PO2, PO3	
CO3	Execute the complete product development process including fabric cutting, sewing, finishing, and basic garment care techniques.	PO3, PO4, PO5	
CO4	Evaluate quality standards, detect sewing defects, understand labelling, packaging, and perform garment costing.	PO4, PO5, PO6	
CO5	Compile a project report and present the final garment through a fashion show and professional PowerPoint presentation.	PO5, PO7	

**Objective:** The students should be made aware of method of apparel production

**Module I: Production methodology**

Theme Selection, Research Reference Design Collection and final Illustration for Individual garment.

**Module II: Production planning**

Material Selection, Drafting, Pattern making,

**Module III: Product Process**

Cutting, Sewing, Finishing, washing, Pressing and stain removal.

**Module IV: Quality Assurance**

Understanding quality standards, analyzing test reports, sewing defects, Labeling, Packing and Garment Costing.

**Module V: Report**

Project Report with PPT & Fashion Show

**Text Book:**

1. Giolleo and Berks, fashion Production Terms
2. Grig Hazer, Fantastic Fit For Everybody
3. Hellen Goworek, Fashion Buying.

**Reference Books:**

1. J Chuter, Introduction to Clothing Production Management.
2. Apparel Online, Apparel Views, Clothesline, Moda, Vogue, Simplicity etc

Semester IV			
Course Title	Creative Writing Skills (Theory)	Credits	2
Course Code	AEC 307		
Learning Level	BTL		PO
CO	Course Outline		
CO1	The students will be able to develop draft in creative writing.		PO7
CO2	The students will be able to go for publishing their own work.		PO7
CO3	They will be able to induce an understanding of the relationship between an individual and society.		PO7
CO4	The learners will be able to get into different fields and pursue versatile career opportunities.		PO7
CO5	The students will have hands on activity to develop their creative skills through practical sessions.		PO7

#### Module I

Introduction to creative writing- Meaning and its importance  
Steps to creative writing

#### Module II

Imagination and writing, peer interaction, Activities on imagination.

#### Module III

Craft of writing-Figure of Speech, Word play, Character Creation

#### Module IV

Character creation- Dialogue Enaction, Learning characters through discussion on famous writings

#### Module V

Close Reading  
Analysis and interpretation. Reading short portions, discussion and practice writing Sessions.

#### Suggested Readings:

1. *Creative Writings: A Beginner's Manual* by AnjanaNeira. New Delhi . 2008.
2. *The Elements of style* by William Strunk Jr. and E.B. White. Longman, 1959.

Semester IV			
Course Title	Foreign Language(Theory)	Credits	2
Course Code	VAC 408		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Communicate effectively in a foreign language via proficient, articulate, and well-organized writing.		PO7
CO2	Demonstrate comprehension of the spoken foreign language in a variety of listening situations.		PO7
CO3	Demonstrate comprehension of a wide range of foreign language written materials.		PO7

There are three international languages listed below from which only one will be taught to be students. (1) French (2) German (3) Italian

## FRENCH LANGUAGE

### Module I

Grammaire, Genre, Article défini et indéfini. Singulier et Pluriel, Nombres – cardinaux et ordinaux, Prononciation.

### Module II

Nom, Pronom, Vocabulaire, Préposition et adjectif (Qualificatif, Possessif et démonstratif)

### Module III

Le Verbe (Conjugaison); Présent, passé et future

### Module IV

Texte, Leçon 1- 14 Vocabulaire, grammaire

### Module V

Leçon 15 – 25 Vocabulaire, grammaire Livre Cours de Langue et de civilisation Françaises

### Reference Book

1. G. MAUGER

Semester IV			
Course Title	Advance Draping & Exhibition (Lab)	Credits	2
Course Code	SEC 401		
Learning Level	BTL		PO
CO	Course Outline		
CO1	The advanced program enables the students to understand the technical aspects of the art of fashion draping.		PO2
CO2	The students will learn the dart manipulation in garments.		PO2
CO3	The students will learn about the male garments draping.		PO2
CO4	The students will gain knowledge how to drape stylized garments.		PO2,PO4
CO5	The students will gain knowledge how to drape saree and dupatta garments.		PO2,PO4

**Objective:** *Draping is a method of pattern making for fashion design that permits free and accurate expression of ideas as designer works. It is a three-dimensional process of designing. The designer working from a sketch or a mental picture gives three dimensional forms to an idea for a garment with the help of a dress form.*

#### **Module I**

Draping different types of skirts (Peplum, Pencil, Full and half Umbrella, using frills, flounces. Gathers, pleats etc

#### **Module II**

Basic sleeve Draping - with the variation of sleeves, Dart manipulation II, Collars (Stand & Flat Collars), Princess Bodice.

#### **Module III**

Draping of different types of trousers.

#### **Module IV**

StylizedTermGarment.Fullgarment. Minimum5

## **Module V**

DifferentStylesofSareedrape,dupatta,Scarves&accessories.

### ***Reference Books***

1. *Theart of Draping*
2. *Fabulous fit:RashbandJudiath*

# **SEMESTER -V**

Semester V			
Course Title	Pattern Making – IV	Credits	4
Course Code	BSC DSC- 501		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will be able to understand the sustainability process required in pattern making and apparel industry.		PO4
CO2	Students will learn about the current scenario of fashion and pattern making industry.		PO4
CO3	Students will develop skills of draping.		PO2
CO4	Students will understand corporate social responsibility in pattern making and apparel industry.		PO4
CO5	Students will understand the relevance of draping in fashion.		PO4

#### Module I

Party wear gowns

#### Module II

Bridal Blouse in different designs.

#### Module III

Bridal Lahenga in different designs

#### Module IV

Knitwear Garment

#### Module V

Design collection.

#### Reference books

1. *Manuals of different companies*
2. *How to make sewing Pattern :Maccam, Dinald H*
3. *Apparel Manufacturing: Handbook – Jacob Solinger*
4. *Pattern making for Fashion Design: H.G.Armstrong*



Semester V			
Course Title	Design Specialization (Lab)	Credits	2
Course Code	BSC DSC- 502		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Skilled in hand art to express ideas on sheets through mind mapping and visual research of ladies' garment.		PO1,PO2
CO2	Students will learn through sketching about ladies' fashion and new style techniques of different garments and will be able to introduce to today's fashion industry in a more creative way.		PO1,PO2
CO3	Students will learn through sketching about men's fashion and new style techniques of different garments and will be able to introduce to today's fashion industry in a more creative way. They will create stylized figures and innovative fabric textures that will enhance their capability as an illustrator.		PO1
CO4	Students will acquire proficiency in using various art media that are essential to design projects of men's fashion.		PO1
CO5	Students will learn through sketching about kids' fashion and new style techniques of different garments and will be able to introduce to today's fashion industry in a more creative way. They will create stylized figures and innovative fabric textures that enhance their capability.		PO1

**Objective:** To learn designing of different types of garments with various fabrics for different categories.

#### **Module I**

Designing of specialized ladies garments – blouse & choli – midis, skirts – night wears

#### **Module II**

Designing of ladies garments for party wears – Casual wears.

#### **Module III**

Designing of specialized men's wear – various types of knitted T-shirts for formal and

casuals – over dresses

#### **Module IV**

Designing of specialized men's wear – various sports / games garments – shorts – trousers

– Night wear – party wear

#### **Module V**

Designing of specialized kid's wear for 1 to 5 year Age group

Designing of knitted garments for teen ages / school going boys and girls.

#### **Reference books**

1. *The style source book: Judith Miller, Stewart, Tabori& Chang*
2. *Naturally 70's Fabric: Constance Korosec& Leslie Pina*
3. *Natural Fabrics: Ian Mank*

Semester V			
Course Title	Design collection (BRIDAL)	Credits	2
Course Code	BSC DSC- 503		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will be able to identify a trend (through trend research forecast) and recognize its movement in the local markets as affected by the global market.		PO1,PO2
CO2	Students will develop an ability to create theme relevant boards which are essential in the design process.		PO1,PO2
CO3	Students will be skilled in hand art to express ideas on sheets through mind mapping and visual research.		PO1,PO2
CO4	Students can perform independent research of small scale and apply them in garments (design project). And will get the chance to showcase their collection in exhibitions and fashion shows.		PO1,PO2
CO5	Students will explore the design of different textile material and techniques.		PO1,PO2

### Objective: 1

The subject aims to provide students with thinking tools that are collaborative and stimulating. Students are encouraged to think beyond the initial 'safe' ideas and develop innovative solutions.

### Objective: 2

This Subject provide you the range of pieces may be inspired by a trend, theme or design direction reflecting cultural and social influences, and it is usually designed for a season or particular occasion.

### Objective: 3

Knitting has been practiced as a craft in many parts of the world from ancient times.

Knitting industry monopolised in the field of under wears, socks, stockings, jackets and

Sportswear. Recently, there has been a spurt in the demand for knitted garments which are used as outer garments also.

### **Module I**

Bridal Blouse and lahenga in different designs.

### **Module II**

Designer Knitwear Garment

### **Module III**

Creative thinking skills

Students during this semester are required to develop garments with their own creativity using a theme. Evaluation will be done by internal as well as external jury on the basis of: Bridal Lahenga & knitwear garment

1. Work individually
2. Innovative idea & concept for creating garment
3. Creative silhouettes
4. Use Designer and knitted fabric with soft hand feel
5. Collection should have these following-
  - Themes search
  - Research on theme
  - Garment construction and detailing
  - Visual research
  - Mind mapping
  - Theme selection
  - Mood
  - Client
  - Age group
  - Market research
  - Trend research
  - Scrapbook of doodling & sketches
  - Flat sketches
  - Croquis
  - Tech-pack

- Fabric & trim details
- Cost sheet
- Photo shoot of garment
- Displaying and Presentation through fashion show.

## **Creative thinking Skills**

### **Introduction**

Understanding why creative thinking skills are important, learning objectives, what is creative thinking Approaches Involved in Creative Thinking Skills

Engaging in reflection, approaches necessarily involve making lots of suggestions, making mistakes, learning from what has not worked Creative Thinking Strategies

Brainstorm ideas on one topic, play with an idea, Draw / paint a theory, mind influenced by new stimuli, idea book.

Creative Thinking Challenges

‘Practicing’ creative thinking skills through a variety of exercises and activities, developing original approaches, defining and solving problems,

Organizing Elements

Inquiring – identifying, Generating ideas, possibilities and actions, Reflecting on thinking and processes, Analysing.

### **Reference books**

1. *Metric Pattern Cutting: Winfred Aldrich*
2. *Pattern Making Made Easy: Gollian Holiman*
3. *Fabric, form and Flat Pattern Cutting: Winfred Aldrich*

<b>Semester V</b>			
<b>Course Title</b>	<b>Computer Aided Designing-III (Lab)</b>	<b>Credits</b>	<b>4</b>
<b>Course Code</b>	<b>BSC DSC- 504</b>		
<b>Learning Level</b>			<b>PO</b>
CO	<b>Course Outline</b>		
C01	Students will understand the basic principles of computer-aided design.		P02
C02	Students will have Proficiency in using advanced CAD tools such as layers, hatch patterns, and blocks& other tools.		P01
C03	Students will learn the art of creating clothing and accessories that are not only functional but also visually appealing.		P04
C04	Students will learn about different aspects of fashion design, as it allows designers to create unique and innovative clothing designs.		P04
C05	Students will learn a different technique used in sewing and pattern making to add shape to a garment by manipulating the darts.		P03

**Objective:***Draft the pattern, cut and construct the following styles using cad software:*

#### **MODULE I**

Men's Shirt

#### **MODULE II**

Women's bodice–Women's–Shirt–Kids wear for various age groups.

#### **MODULE III**

Ladies skirt-Women's night wears-Women's evening dress

#### **MODULE IV**

Trousers and Trouser's Variation

#### **MODULE V**

Grading of different garments.

#### **REFERENCE BOOKS**

1. *Using software manual of Lectra or Gerber Technology*

Semester V			
Course Title	Garment Construction – V (Lab) (Report & Viva Voce)	Credits 2	
Course Code	BSC DSC- 505		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will be able to create garments using different fashion components.		PO2
CO2	Students will understand various draping techniques to create a garment.		PO2
CO3	Students will be able to learn about developing patterns manually.		PO1
CO4	Students will understand the process of making and using different fashion and textile materials.		PO4
CO5	Students will be prepared to work in fashion industry and as entrepreneur in the field of garment construction and pattern making.		PO4

**Objective 1:** This Subject provide you the range of pieces may be inspired by a trend, theme or design direction reflecting cultural and social influences, and it is usually designed for a season or particular occasion.

**Objective 2:** Knitting has been practiced as a craft in many parts of the world from ancient times. knitting industry monopolised in the field of under wears, socks, stockings, jackets and sports wear. Recently, there has been a spurt in the demand for knitted garments which are used as outer garments also.

#### **Module I**

Party wear gowns (Knitwear and other fabric)

#### **Module II**

Bridal blouse in different designs.

#### **Module III**

Bridal in lahenga or Sari different designs

#### **Module IV**

Handloom male garment

## **Module V**

### Handloom female garment

Students during this semester are required to develop garments with their own creativity using a theme. Evaluation will be done by internal as well as external jury on the basis of:

- Theme selection
- Research on theme
- Garment construction and detailing
- Displaying and Presentation through fashion show.

### ***Reference books***

1. *Metric Pattern Cutting: Winfred Aldrich*
2. *Pattern Making Made Easy: Gollian Holiman*
3. *Fabric, form and Flat Pattern Cutting: Winfred Aldric*



Semester V			
Course Title	Craft Based Product Development (Viva Voce )	Credits	4
Course Code	BSC DSE- 501		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students understand to create an awareness and appreciation of the traditional methodology of a particular craft through the entire process of survey, conceptualization of design, interaction with facilitators, prototype development, manufacturing, marketing, and management procedures and how to market it. Students will be able conduct research on crafts of India and present their research in a practical industry accepted format.		PO2,PO4

**Objective:** This subject attempts to create an awareness and appreciation of the traditional methodology of a particular craft through the entire process of survey, conceptualization of design, interaction with facilitators, prototype development, manufacturing, marketing, and management procedures.

#### **Module I- Paper**

Different types of papers, origami, kirigami, quilling, paper mashe

#### **Module II- Yarn**

Macrame, knot making, crochet, Hand knitting.

#### **Module III- Metal wire**

Model making & useful products with metal wires.

#### **Module IV- Reconstruction**

Making new product from old scrap & unused things around us.

#### **Module V-Product making**

Product making including all the techniques which has been taught in previous modules (Paper, yarn, metal etc.)

Semester V			
Course Title	Term Garment	Credits	4
Course Code	BSC DSE- 502		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Term garment is the culmination of all that the students learn in the four semesters in all the subjects. After the designing of term garment student should include the concept taken from the different subjects in trench coat.		PO4,PO1, PO7

**Objective:** *Term garment is the culmination of all that the students learn in the four semesters in all the subjects. Therefore the designing of term garment should include the concept taken from the different subjects.*

### Methodology

**Work in a group of 5-6 students / or individually**

1. Innovative Silhouette.
2. Avoid repetitive styles, silhouettes and colour.
3. Use material with soft fall and fashion fabrics
4. Work on the accessories for the garments.
5. Each collection should have – Theme

### Key words:

- Season
- Categories
- Target Market
- Customer profile
- Age group
- Income
- Taste and preferences

- Fabrics (construction course)
- Colours
- Silhouettes
- Accessories
- No. of garments
- Detail of garments, etc.

Students should choose a theme and the theme should provide for a wide scope for interpretation and adaptation.

Evaluation of term garment will be based on external and internal faculty and can be presented in the form of exhibition display or fashion show.

Semester V			
Course Title	Fashion Merchandizing& Marketing (Theory)	Credits 2	
Course Code	BSC DSE- 503		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will understand how to describe the apparel market and environment.		PO4
CO2	Students will understand how to relate merchandising and business function.		PO4
CO3	Students will understand how to modify the store setup by using visual merchandising.		PO4
CO4	Students will understand how to combine merchandising presentation and customer relationship.		PO4
CO5	Student will understand how to collect export marketing and documentation.		PO5

**Objective:** The subject introduces students to display design for show windows, exhibits, in- store display, etc especially high fashion garments. The focus is on conceptualization and critiquing of innovative modes of presentation for functional & decorative units for display and exhibit.

**Module I: Introduction to the field of Fashion Merchandising**

Fashion Merchandising – definition, Industry levels: primary, secondary, retailing and auxiliary services Career possibilities: desired characteristics, locals of employment and potential growth, components of each.

## **Module II: The Dynamics and Components of Fashion**

The nature of fashion – Environmental influences on fashion interest and demand – The movement of fashion from the idea or concept, through culmination and obsolescence – The identification of and importance of fashion leadership and the implications for the fashion business.

## **Module III: Retail Merchandisers of Fashion Goods**

Types of retail distribution and the role of each in the merchandising process – The interpretation of customer demand and the importance of same to retailers – the variety of promotional tools available to retailers – coordination of all retail functions and the relating of these functions to company image – manufacturers of women's and children's apparel, manufacturers of men's and boy's apparel, manufacturers of accessories and cosmetics, Domestic and foreign market centres.

## **Module IV: Forecasting, Trade show, Marketing**

Forecasting – meaning – forecasting techniques – checkpoint for forecasting – check print media: fashion magazines, trade publication and general consumer publications. Broadcast media: Television and Radio. Advertising, publicity and public relations agencies. Consultants and market research agencies.

## **Module V :Visual merchandising and expediting**

Visual merchandising techniques – merchandising ladder – factors for route card – preparation – effective 3 expediting procedures – samples and types of samples – functions of merchandisers. Brand – meaning and definition – types of brands perceptual mapping – branding strategies.

**Methodology:** Make a group of 5-6 students & work on the project.

## **Reference books**

1. Principles of marketing: Phillip Kotler
2. Fashion marketing: Mike Easey (ED), Blackwell Science
3. Newspapers
4. TEA & APEC Publication
5. Fashion Merchandising and Introduction: Elaine stone and Jean A. Samples

<b>Semester V</b>			
<b>Course Title</b>	<b>Fashion Psychology</b>	<b>Credits</b>	<b>2</b>
<b>Course Code</b>	<b>BSC DSE- 504</b>		
<b>Learning Level</b>			
CO	COURSE OUTCOMES		PO
CO1	To understand fundamental psychological theories		PO6
CO2	To know the historical, theoretical, and interdisciplinary origins of clothing,		PO6
CO3	To explore the dynamic relationship between a wearer's personality which resulting in fashion behaviour.		PO6
CO4	To analyze how clothing functions as a non-verbal communication tool.		PO6
CO5	To equip students with the ability to critically analyze and present case studies on the influence of global fashion trends and psychological factors on specific cultural clothing practices.		PO6

**Module I : Basics of Psychology:**

Self-Theory, Johari Window, Maslow's Need Hierarchy Theory .

**Module II : Origin of clothing & Clothing Theories.**

Origin of Clothing- Theories of clothing – Theory of modesty, Immodesty, Protections, Adornment, Combined need theory, Other theories in fashion; Relation between clothing and other disciplines- (a) Physical Health (b) Mental Health; Clothing and first impressions.

**Module III : Relation between clothing, fashion and the wearer.**

Personality and Self concept, - Motivation in clothing choices. Individual values, Interests and attitudes related to clothing. Behavior and clothing choices - Practices and effect of fashion and clothing on the individual; Introduction to cosmetology and Fashion Grooming.

**Module IV : Clothing and Society.**

Clothing and Social behavior - Clothing influenced by religion and culture, Clothes and conformity, Clothes and occupation, Concept of uniforms, Cloths and social class, Clothes & color and its impact.

**Module V : Case study**

Influence of global fashion in Indian cloth wearing. (Compulsory)

Semester V			
Course Title	Craft Documentation (Project)	Credits	2
Course Code	SEC-501		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students learn to create an awareness and appreciation of the traditional methodology of a particular craft through the entire process of survey, conceptualization of design, interaction with facilitators, prototype development, manufacturing, marketing, and management procedures.		PO2,PO4

**Objective:** *This subject attempts to create an awareness and appreciation of the traditional Methodology of a particular craft through the entire process of survey, conceptualization of design, interaction with facilitators, prototype development, manufacturing, marketing and management procedures.*

1. Introduction to crafts (slides).
2. Information sourcing on a craft.
3. How to document a craft and why.
4. Content of craft documentation
5. How to plan your layouts and techniques.
6. How to frame your photographs, illustration.
7. Prepare questionnaire for Survey / information collection.
8. Craft design& product development.
9. Assessment



# **SEMESTER -VI**

Semester- VI			
Course Title	PORTFOLIO PRESENTATION	Credits	4
Course Code	BSC DSC- 601		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	As a result of completing their design process students will be learn the development of a portfolio of their creation for fashion design. Through the creation of the portfolio of work they develop, to an essential level, their understanding of practices, techniques, methodologies, and skills required for fashion design and make sure the real creativity shines through. Students will understand barriers of thinking, understand, and describe Lateral Thinking, distinct from linear thinking. They will be able to experience the creative confidence knowing how creative thinking ability is used in Design ideation.		PO7

**Objective:** *This Subject provides you with an opportunity to start the development of a portfolio for fashion and textile design. Through the creation of the portfolio of work you develop, to an essential level, your understanding of practices, techniques, methodologies and skills required for fashion and textile design.*

**A Statement of Style:**

Students should develop six collections with their own creativity using a theme and should develop Presentation Boards, Flats specs. Evaluation will be made by team consisting internal & external examiners will evaluate the portfolio submitted by the candidate. One of the same themes can be selected for Design Collection.

<b>Semester- VI</b>			
<b>Course Title</b>	<b>FASHION SHOW</b>	<b>Credits</b>	<b>2</b>
<b>Course Code</b>	<b>BSC DSC -602</b>		
<b>Learning Level</b>			
<b>CO</b>	<b>COURSE OUTCOMES</b>	<b>PO</b>	
CO1	Student will learn how to Conceptualize the innovative design for fashion show based on market trend.	PO7	
CO2	Student will understand the technical aspect of design including pattern making garment construction using relevant design software.	PO7	
CO3	Student will develop the event management skill through managing all activity of fashion show.	PO7	
CO4	Student will understand the important of verbal and non verbal communication to show case their product or design.	PO7	
CO5	Student will able to understand the role designer, stylist, merchandisers or entrepreneurs.	PO7	

- **Module 1: Concept & Design**

- Literature review and research on fashion history and current trends, develop a mood board, sketch fashion figures (croquis), and create a design concept for a collection.

- **Module 2: Technical Design & Production**

- Developing the pattern and cutting the fabric as per pattern making and garment construction concept , translating their design sketches into tangible, well-fitted garments.

- **Module 3: Styling & Presentation**

- Use of accessories other items for stylish presentation of garment and develop a visual language for the final presentation. This includes understanding the role of fashion photography in presenting the collection.
- **Module 4: Event Production & Management**
  - Planning and organize the logistics of a fashion show, including venue selection, model casting, show sequencing, and marketing/invitation management.
- **Module 5: Portfolio Development & Industry Application**
  - Develop professional portfolio, demonstrate an understanding of business acumen, and be able to articulate their design ideas to potential employers or clients.

Semester- VI			
Course Title	APPAREL QUALITY STANDARD &MANAGEMENT (Theory)	Credits	4
Course Code	BSC DSC-603		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will learn to identify the quality concepts and importance of quality control in the textile industry.		PO4
CO2	Students will learn to explain the quality parameters of textile and clothing.		PO4
CO3	Students will learn to analyze the quality specifications in textiles.		PO4
CO4	Students will learn to examine the quality control in finished garments, packaging, and warehousing.		PO5
CO5	Students will learn to discuss cost control and types of control forms.		PO5

**Objective:** *Students understand the importance of quality as a crucial function in an apparel organization. The students learn about the various procedures followed to control quality through testing, setting and following laid down standards as well as developing company specific standards.*

### **Module I: Nature of Management**

Concept of management, management and administration importance, nature of management, Science or Art management as a profession – Tailor and scientific management – Fayol's administration management, concept planning, Decision Making Process, Effective Decision Making, fundamental of organizing. Design of fundamental structure.

### **Module II: Environment analysis for quality**

Analysis of garment manufacture processes and casual factors: material quality requirements, costs and productivity. Purchasing by specification : physical characteristics processing and applied properties, visual defects. Use of standard and testing method.Assessing the business environment based on quality concepts and its impact on business strategy.Industry analysis for quality techniques for environment analysis.

**Module III: Quality Standards for fabrics in India**

Indian quality standards for various fabrics: Silk Mark, Handloom Mark, Six Sigma, Handicraft Mark, Juran's Trilogy, Quality Management, ISO - 9000.

**Module IV: Internal Analysis and Diagnosis of Firm, based on Quality Planning & Analysis**

Assessing internal strength and weakness in respect of various areas of firm; Marketing, Production and operation, Human resources, Finance and Accounting, R&D and Engineering etc. Techniques for internal analysis.

**Module V: The nature of Strategic Management**

Concept of strategic management and its role in quality management. Strategic management elements mission, objectives, goals, goals strategies and policies with emphasis on quality issues.

**Reference Book**

1. *Managing Quality in the Apparel Industry*, Mehta, Pradip V., Fellow, Textile Institute, U.K. and American Society for Quality.
2. *Total Quality Management (TQM)*, Moin.S Khan, DKTE's Textile and Engineering Institute,

Semester- VI			
Course Title	Visual Merchandising & Exhibition	Credits	4
Course Code	BSC DSE-601		
Learning Level			
CO	COURSE OUTCOMES		PO
CO1	Students will learn to explain about the Fundamentals and Features of Visual Merchandising.		PO4
CO2	Students will learn to discuss about Different Methods of Floor planning and fixtures.		PO4
CO3	Students will learn to compare the different boutiques and their features.		PO4
CO4	Students will learn to discuss the Merchandise presentation and its principle.		PO4
CO5	Students will learn to classify various types of Windows display.		PO4

**Objective:** Use Visual merchandising to create eye-catching product displays and store layouts for retail shop with the combination of creativity, technical knowledge and operational aspects of merchandise and to enhance, establish and promote the store's visual image for better customer experience

**VM Model:** Students shall work in groups to create a miniature model of a store (any existing brand) following all the visual merchandising techniques and market survey. Model should be replica of original store layout, student should display similar fixtures. Exhibition:-Student shall display their term garment, design collection and knitwear garment keeping in mind categorical display of products as done in retail stores with proper signage.

### Key Words

Facade window, Cluster theme, Colour theory, Lighting, Sound, Price tag, Signage, Fixtures  
Lifestyle display

### Reference books-

1. Fashion Merchandising and Introduction: Elaine stone and Jean A. samples

<b>Semester- VI</b>			
<b>Course Title</b>	<b>Fashion Study Applicable To Home Furnishing</b>	<b>Credits</b>	<b>4</b>
<b>Course Code</b>	<b>BSC DSE-602</b>		
<b>Learning Level</b>			
<b>CO</b>	<b>COURSE OUTCOMES</b>		<b>PO</b>
CO1	To educate the students about home furnishing and the types home furnishing		<b>PO7</b>
CO2	Identify the suitable materials for various home furnishing products.		<b>PO7</b>
CO3	To enable the students to understand the concept of floor coverings and its types		<b>PO7</b>
CO4	To impart knowledge on living room linens, bed linens, table linens, kitchen linens and bath linens		<b>PO7</b>
CO5	Develop products with respect to the specific applications or societal needs.		<b>PO7</b>

### **Module I: Introduction to Home Furnishings & Fashion Influence**

Definition & scope of home furnishings, Relationship between fashion and home décor ,History of home furnishing trends ,Understanding fashion cycles and their impact on interior trends, Overview of home furnishing categories:Soft furnishings (curtains, cushions, bedsheets), Hard furnishings (furniture finishes, blinds),Decorative accessories (table linen, lamps, rugs), Key global and Indian home fashion brandsTrend forecasting in fashion & interiors

### **Module II: Textile Materials & Surface Techniques for Home Furnishings**

Types of textiles used in home décor: cotton, linen, silk, polyester, blends ,Fabric properties & suitability for different products, Weaves & constructions: jacquard, dobby, twill, satin, knits, Dyeing & printing techniques for home textiles, Surface embellishment: embroidery, appliqué, quilting, patchwork, pleating, Sustainable materials & eco-friendly practices in home textiles

### **Module III: Product Design & Development for Home Furnishings**

Understanding product categories:Bedding sets, Curtains & draperies, Cushions &throws,Tablelinen, Rugs, carpets & mats ,Upholstery fabrics,



Measurement systems & standard sizes, Mood boards, theme boards & color stories

Design process from concept → sketches → samples, Fabric selection & aesthetic considerations, Computer-aided design (optional: Photoshop, Illustrator, CAD for textiles)

#### **Module IV**

Design & Decoration Techniques for home furnishing, Embroidery Types, Surface Decoration for home furnishing, Color & Design Concepts for home furnishing, Care and Maintenance of home Furnishings product

#### **Module V**

SWOT analysis of home textiles industry, Indian home textiles industry and its future prospects, latest development in home furnishing textile products.

Dr. V. Ramesh Babu, S. Sundaresan, Home Furnishing, Woodhead Publishing India Pvt. Ltd, CRC Press, New Delhi, 2017, ISBN: 9789385059285

2. T. Karthik D. Gopalakrishnan, Home Textiles, Astral International (P) Ltd Daya, New Delhi, 2016, ISBN: 9789351309215

#### **Reference Books**

1. Rowe T., "Interior Textiles Design and Developments", Woodhead Publishing India Pvt. Ltd, New Delhi, 2009, ISBN: 9781845693510

2. Subra Das, "Performance of home textiles", Woodhead Publishing India Pvt. Ltd, New Delhi, 2010, ISBN: 9780857090072

<b>Semester- VI</b>			
<b>Course Title</b>	<b>Smart Textiles in Fashion</b>	<b>Credits</b>	<b>2</b>
<b>Course Code</b>	<b>BSC DSC-604</b>		
<b>Learning Level</b>			
<b>CO</b>	<b>COURSE OUTCOMES</b>	<b>PO</b>	
C01	Differentiate between various types of smart textiles and their functional properties.	<b>P07</b>	
C02	Identify and select appropriate smart materials, conductive threads, and electronic components for specific fashion applications.	<b>P07</b>	
C03	Select appropriate smart materials and components for specific fashion applications.	<b>P07</b>	
C04	Apply technical skills to design and prototype innovative smart garments or accessories.	<b>P07</b>	
C05	Evaluate the performance, safety, and sustainability of smart textile products.	<b>P07</b>	

- **Module 1: Introduction to Smart Textiles**

Definition and history of smart/intelligent textiles. Classification: Passive (sensing only), Active (sensing and reacting via actuators), and Ultra-smart (adapting behavior). Working principles: Sensing, data processing, actuation, storage, and communication.

- **Module 2: Materials and Components**

Conductive materials: stainless steel, silver threads, and other metals embedded in fabrics. Smart materials: Phase Change Materials (PCMs), shape memory materials, thermochromic, photochromic, and electroluminescent fabrics.

- **Module 3: Production and Technology**

Methods of integration: Coating, laminating, fiber spinning, and weaving/knitting with functional yarns. Fabrication techniques for electronic textiles (e-textiles). Design considerations for durability, washability, and comfort.

- **Module 4: Applications in Fashion**

- Performance and sportswear (moisture-wicking, thermoregulation). Medical and healthcare textiles (wearable biosensors, health monitoring). Military, safety, and protective clothing. Aesthetics and interactive fashion (light-up clothing, color-changing garments).

- **Module 5: Future Trends and Sustainability**

Wearable technology innovations and smart clothing companies. AI in fashion design and smart textiles. Sustainable production and ethical considerations.

Reference Book-

Electronic Textiles: Smart Fabrics and Wearable Technology, Edited by Tilak Dias, published by Woodhead Publishing .

Fashionable Technology: The Intersection of Design, Fashion, Science, and Technology by Sabine Seymour.

<b>Semester- VI</b>			
<b>Course Title</b>	<b>Internship (Production House)</b>	<b>Credits</b>	<b>4</b>
<b>Course Code</b>	<b>BSC DSC- 605</b>		
<b>Learning Level</b>			
<b>CO</b>	<b>COURSE OUTCOMES</b>		<b>PO</b>
CO1	During internship students learn more as they take up live projects, which will be given to them by Architects or designers with whom they are placed. Students obtain placement with Architectural firms which are looking for specialists in Interior Designing some with entrepreneurial quality find it very lucrative for self-made business enterprise, while others choose free-lancing in Interior Design.		PO4, PO5

**Objective:**

- Identification (name, headquarters, legal documents, size, history...)
- Settlement Area (settlement area in Lebanon or abroad)
- Presentation of the activity sector (creation, manufacturing, subcontracting, distribution, press office, style office etc.); sector (couture, prêt-a porter, mass production); types of products (Women, men, children etc.); different lines (casual wear; swimwear; lingerie, accessories, evening dresses)
- Organizational chart
- Relationships with the external environment (optional)

Student will learn the process of making the particular merchandizing from initial level to final level in production unit.

It also provides the students to interact with Garment industry. They got knowledge about the culture of industry.

**Duration of Internship – Minimum 2 months**

<b>Semester- VI</b>			
<b>Course Title</b>	<b>INTERNSHIP (RETAIL EXPORT)</b>	<b>Credits</b>	<b>4</b>
<b>Course Code</b>	<b>BSC DSC 605</b>		
<b>Learning Level</b>			
<b>CO</b>	<b>COURSE OUTCOMES</b>		<b>PO</b>
<b>CO1</b>	During internship students learn more as they take up live projects, which will be given to them by Architects or designers with whom they are placed. Students obtain placement with Architectural firms which are looking for specialists in Interior Designing some with entrepreneurial quality find it very lucrative for self-made business enterprise, while others choose free-lancing in Interior Design.		PO5

**Objective:**

- Identification (name, headquarters, legal documents, size, history...)
- Settlement Area (settlement area in Lebanon or abroad)
- Presentation of the activity sector (creation, manufacturing, subcontracting, distribution, press office, style office etc.); sector (couture, prêt-a porter, mass production); types of products (Women, men, children etc.); different lines (casual wear; swimwear; lingerie, accessories, evening dresses)
- Organizational chart
- Relationships with the external environment (optional)

Student in retail internship will understand the retail industry as per Market Value & Customer satisfaction.

It also provides the students to interact with Garment industry. They got knowledge about the culture of industry.

**Duration of Internship – Minimum 2 months**