

# **SCHEME & SYLLABUS (As Per NEP-2024)**

***Bachelor of Science in Fashion Designing***

**(3/4 years with Honors)**



**Department of Fashion Designing**

**(UIH)**

**Sant Baba Bhag Singh University**

# 2024-25

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## Course Scheme for B.Sc Fashion Designing

(3/4 years with Honors)

### Semester I

S. No.	Course Category	Course Sub-Category	Course Code	Course Name	Contact Hours (L:T:P)	Credits (L:T:P)	Total Contact Hours	Total Credit
1	Major	DSC-I	FD161	Introduction to Textiles (Theory)	3:0:0	3:0:0	3	3
2			FD163	Introduction to Textiles (Practical)	0:0:4	0:0:2	4	2
3	Major	DSC-II	FD165	Elements of Design and Illustration (Theory)	3:0:0	3:0:0	3	3
4			FD167	Elements of Design and Illustration (Practical)	0:0:4	0:0:2	4	2
5	Major	DSC-III	FD169	Basics of Sewing (Theory)	3:0:0	3:0:0	3	3
6			FD171	Basics of Sewing (Practical)	0:0:4	0:0:2	4	2
7	MDC-I	MDC-I	MDC008	Multidisciplinary Course-I (Basics of Computers Science Science Lab )	0:0:2	0:0:1	2	1
8	AEC-I	AEC-I	AEC0010	Ability Enhancement Course-I (Communication Skills in English-I)	2:0:0	2:0:0	2	2
9	VAC-I	VAC-I	VAC022	Value Added Course-I (Environment Education )	3:0:0	3:0:0	3	3
10	Physical Training-1	PT-I	PT161/ PT163/ PT165/ PT167	NSO/ NCC/ NSS/ Cultural & Literary Activities	2:0:0	Non-credit		NC
<b>Total</b>							<b>28</b>	<b>21</b>

**Total Contact Hours: 28**

**Total Credit Hours: 21**

**DSC: Discipline Specific Core Course**

**AEC- Ability Enhancement Compulsory Courses**

**MDC: Multidisciplinary/Interdisciplinary**

**VAC: Value added Course**

**Please Note: In Value-added courses student can opt for MOOC/SWAYAM Course of equivalent or more credits.**

**Course Scheme for B.Sc FD**  
**(3/4 years with Honors)**  
**Semester II**

S. No.	Course Category	Course Sub-Category	Course Code	Course Name	Contact Hours (L:T:P)	Credits (L:T:P)	Total Contact Hours	Total Credit
1	Major	DSC-IV	FD160	Fabric study (Theory)	2:0:0	2:0:0	2	2
2			FD162	Fabric study (Practical)	0:0:4	0:0:4	4	2
3	Major	DSC-V	FD164	Indian Knowledge System- Indian Traditional Textiles (Theory)	2:0:0	2:0:0	2	2
4			FD166	Indian Knowledge System- Indian Traditional Textiles (Practical)	0:0:4	0:0:4	4	2
5	Major	DSC-VI	FD168	Fashion Concept (Theory)	2:0:0	2:0:0	2	2
6			FD170	Sewing of Design Concept –I I (Practical)	0:0:4	0:0:4	4	2
7	Major	DSC-VII	FD172	Basics of Illustration (Theory)	2:0:0	2:0:0	2	2
8			FD174	Basics of Illustration (Practical)	0:0:4	0:0:4	4	2
9	SEC	SEC	SEC001	skill Enhancement Cours (Photography & Photo shop (Animation & Multimedia) (Theory )	3:0:0	3:0:0	3	3
10	AEC-2	AEC-II	AEC0011	Ability Enhancement Course-I (Communication Skills in English-II)	2:0:0	2:0:0	2	2
11	VAC-2	VAC-II	VAC034	Value Added Course-II (History of Culture and Punjab)	3:0:0	3:0:0	3	3
11	Physical Training-2	PT-II	PT161/ PT163/ PT165/ PT167	NSO/ NCC/ NSS/ Cultural & Literary Activities	2:0:0	Non-credit		NC
<b>Total</b>							<b>32</b>	<b>24</b>

**Total Contact Hours: 32**  
**Total Credit Hours: 24**

**DSC: Discipline Specific Core Course**  
**AEC-Ability Enhancement Compulsory Courses**  
**SEC: Skill Enhancement Course**  
**MDC: Multidisciplinary/Interdisciplinary**  
**VAC: Value added Course**

**VOC: \*Vocational course/summer internship is mandatory for students who are willing to exit after 2<sup>nd</sup> sem**

1.	VOC/Summer Internship	VOC	Summer Internship Industrial Training	4 weeks	4:0:0	4 weeks	4
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# **First Semester**

<b>Course Code</b>	<b>FD161</b>
<b>Course Title</b>	<b>Introduction To Textiles</b>
<b>Type of course</b>	Theory
<b>L T P</b>	3 0 0
<b>Credits</b>	3
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	<ol style="list-style-type: none"> <li>1. To impart the knowledge of fibre, sources of fibres, their definitions and properties.</li> <li>2. To provide students with knowledge of yarn science and yarn properties.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. Students will be able to analyses differences between yarns and yarn properties.</li> <li>2. Students will be able to identify of yarn science and yarn properties.</li> </ol>

### UNIT-I

Textile Terminologies: fibre, yarn, elasticity, absorbency, resiliency, drapability, twist, blend, staple, filament, combing, carding, roving, spinning, slivering, lapping.

Introduction to Textile Fibre and their types

Classification of Fibres: acc. to their origin and source (natural and manmade/synthetic).

### UNIT-II

History and origin of natural and man made fibres

Types of natural fibres :-Manufacturing process, properties, and their uses,.

Types of man made or synthetic fibres:- Manufacturing process, properties, and their uses,.

### UNIT-III

History and origin of yarns

Classification of yarns: simple yarns- single, multiply and cord yarns; novelty yarns- slub, spiral, boucle, grenalelle, nub, chenille; textured yarns- stretch yarns, bulk yarns; blended yarns.

Manufacturing of yarns

Yarn properties: yarn liner density, twist in yarn, twist direction and strength, yarn countand yarn numbering system.

### UNIT-IV

History and origin of weaves

Types of weaves: - plain weave, rib

Manufacturing of weaving

## RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Textile Fibre To Fabric	Benard P. Corbman	Mcgraw Hill ( USA)
2	A Textbook Of Fibber Science And Technology	S. P. Mishra	New Age International (New Delhi)
3	Textile science	Vilensky	CBS Publication, New Delhi

<b>Course Code</b>	<b>FD163</b>
<b>Course Title</b>	<b>Introduction to Textiles (Practical)</b>
<b>Type of course</b>	Practical
<b>L T P</b>	0 0 4
<b>Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	<ol style="list-style-type: none"> <li>1. To impart the knowledge of fibre, sources of fibres, their definitions and properties.</li> <li>2. To provide students with knowledge of yarn science and yarn properties.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. The students will be able to analyses fibre, sources of fibres, their definitions and properties.</li> <li>2. The students will be able to analyses yarn science and yarn properties.</li> </ol>

### Identification of fibres:

Burning Test: - Natural fibre, Cotton, linen, wool, silk, coir, pine, flax and kapok

Manmade/ synthetic fibres:-Rayon, blend, fabrics, viscose rayon, polyester, nylon, acrylic glass fibres, gold and silver fibres

Microscopic Test: - All types of natural fibres, All types of manmade fibres

Solubility Test:- All types of natural fibres, All types of manmade fibres

Identification of yarn types (visually): staple, spun, cord, cable, fancy, and filament

### 2. Yarn count

Yarn count of different kinds of fabrics.

\*Prepare a file containing different types of fibres and yarns along with their swatches of test done.

### RECOMMENDED BOOKS

<b>S. No</b>	<b>Name</b>	<b>Author(S)</b>	<b>Publisher</b>
1	Textile Fibre To Fabric	Benard P. Corbman	Mcgraw Hill
2	A Textbook Of Fiber Science And Technology	S. P. Mishra	New Age International, (New Delhi)
3	Understanding textiles	Phyllis G. Tortora, Billie J. Collier	Mc Millan Co. USA
4	Textile science	Vilensky	CBS Publication, New Delhi
5	Introduction to textiles	Kanwar, varinderpal	Kalyani publishers Ludhiana Punjab



<b>Course Code</b>	<b>FD165</b>
<b>Course Title</b>	<b>Elements of Design and Illustration</b>
<b>Type of course</b>	Theory
<b>L T P</b>	3 0 0
<b>Credits</b>	3
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	<ol style="list-style-type: none"> <li>1. To help students to understand design fundamental, elements and principals of design.</li> <li>2. To enable students to gain knowledge of figure sketching and drawing.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. Students will be able to do sketching and drawing.</li> <li>2. Students will be able to understand the fashion design concepts, illustration techniques and colour theories.</li> </ol>

### **UNIT-I**

Introduction to art media and its application.

Types of art media- pencil, pencil color, crayons, poster color, erasers, acrylic rendering and shading skills.

### **UNIT-II**

Design- definition and types.

Factor affecting the selection of clothes and its types :- occupation, fashion, occasion, age , sex, social status and income .

Aspects and quality of color, ( different meaning conveyed through different color and color schemes

### **UNIT-III**

Elements of Art and Design- line, form, shape, space, size, texture, and color.

Principles of Art and Design- harmony, balance, rhythm, proportion and emphasis.

### **UNIT-IV**

Color Dimensions. Hue , value, intensity

Color wheel:- primary, secondary and tertiary

Color Schemes :- importances and their application

Types:- Monochromatic, Analogous, Achromatic, Triad color

### **RECOMMENDED BOOKS**

<b>S. No</b>	<b>Name</b>	<b>Author(S)</b>	<b>Publisher</b>
1	Fashion Design Drawing And Presentation	Patrick john	B.T Batsford, London
2	Figure Drawing For Fashion	Elisabetta Drudi	The Pepin Press. Netherland
3	Fashion Drawing- The Basic Principals.	Allen And Seaman	B.T Batsford, London

<b>Course Code</b>	<b>FD167</b>
<b>Course Title</b>	<b>Elements of Design Illustration ( Practical)</b>
<b>Type of course</b>	Practical
<b>L T P</b>	0 0 4
<b>Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	1.To help students to understand design fundamental, elements and principals of design. 2.To enable students to gain knowledge of figure sketching and drawing.
<b>Course Outcomes (CO)</b>	1. The students will be able to understand of figure sketching and drawing. 2. The student will be able to understand the fashion design concepts, illustration techniques and color theories

1. The basic drawing and rendering of equipment's using, pencils, crayon, poster and acrylic color.
2. Draw different designs using elements of design.
3. Draw different designs using principles of design.
4. Color wheel: primary color, secondary color and tertiary color.
5. Draw designs showing different shades of warm & cool and pale & bright.
6. Make designs showing color scheme: achromatic, analogues, monochromatic, complimentary and neutral color.
7. Sketching of features: eyes, ears, nose, lips, arms, hands, legs and foot.
8. Block figures: 8 head figure, 10 head figure, 12 head figure,
9. Different postures of figure
10. Flesh figures.

### RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Fashion Design Drawing And Presentation	Patrick john	B.T Batsford, London
2	Figure Drawing For Fashion	Elisabetta Drudi	The Pepin Press.Netherland
3	Fashion Drawing- The Basic Principals.	Allen And Seaman	B.T Batsford, London
4	Fashion And Color	Mary Garth	Mcgraw Hill Book Company USA
5	Principal Of Colour And Colour Mixing	Bustanoby J. H	Mcgraw Hill Book Company USA

<b>Course Code</b>	<b>FD169</b>
<b>Course Title</b>	<b>Basic of Sewing –I</b>
<b>Type Of Course</b>	Theory
<b>L T P</b>	3 0 0
<b>Credits</b>	3
<b>Course Prerequisites</b>	NA
<b>Course Objectives (CO)</b>	<ol style="list-style-type: none"> <li>1. To impart knowledge of machines used for sewing.</li> <li>2. The student will be able to do basic hand and machine based stitches.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. Student will be able to do basic hand and machine based stitches.</li> <li>2. Student will be able to do difference between hand stitches and machine based stitches.</li> </ol>

### UNIT-I

Introduction of sewing machines

Different types, parts, tools and equipment of sewing machines.

Anthropometry.

### UNIT-II

Maintenance of sewing machines, common problems and their remedies.

Definition, types and their applications: Darts, Tucks, Pleats, Gathers.

### UNIT-III

Definition and types of pockets: Patch Pocket, Cross Pocket, Bound Pocket, Flap Pocket, Kurta Pocket.

Definition and types of plackets: One piece placket (continuous), Two piece placket, Zip placket, Kurta placket.

### UNIT-IV

Definition, types and present trends of Fasteners

Definition, types and their applications: Seam, Seam finish.

### RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Basic Process and Clothing Construction	Shree Doongaji and Roshani Desh Pande	Publisher Unique Education Books, Raj Parkashan, New Delhi
2	Garment Construction Skills	Mulhak Premlata	Sewing Techniques, ADK Publishing Books, New York
3	The Art Of Sewing	Thomas, Anna, Jacob	UBSPD Publishers Distributors Ltd, New Delhi

<b>Course Code</b>	<b>FD171</b>
<b>Course Title</b>	<b>Basic of Sewing –I ( Practical)</b>
<b>Type of course</b>	Practical
<b>L T P</b>	0 0 4
<b>Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	<ol style="list-style-type: none"> <li>1. To make student understand the basic skills related to hand stitches and seams.</li> <li>2. To impart knowledge of machines tools and parts.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. The student will be able to do basic hand and machine based stitches</li> <li>2. Students will be able to use different stitches and seams as per the requirement of the garment.</li> </ol>

1. Introduction to different parts of sewing machine, their care and maintenance
2. Basic hand stitches: Even and Uneven Tacking, Visible and Invisible Hemming, Diagonal Tacking, Back Stitch, Blanket Stitch.
3. Basic machine stitches: Plain Seam , Run ‘n’ fell Seam , French Seam , Counter Seam , Counter hem , Mantua Maker , Binding , Slot , Lap , Piped.
4. Seam finishes: Bound Seam Finish, Double Stitched Finish, Edge Stitched Finish, Herringbone Finished, Overcast Seam Finish, Pinked Seam.
5. Fullness: Darts, Gathers, Tucks, Pleats, sheerings.
6. Plackets: One piece placket (continuous), two piece placket, Zip placket.
7. Pockets: Patch Pocket, Flap Pocket.
8. Ruffles, Fringes, Smoking

### RECOMMENDED BOOKS

<b>S. No</b>	<b>Name</b>	<b>Author(S)</b>	<b>Publisher</b>
1	Basic Process and Clothing Construction	Shree Doongaji and Roshani Desh Pande	Publisher Unique Education Books , Raj Parkashan , New Delhi.
2	Garment Construction Skills	Mulhak Premlata	Sewing Techniques , ADK Publishing Books , New York
3	The Art Of Sewing	Thomas, Anna, Jacob	UBSPD Publishers Distributors Ltd , New Delhi

<b>Programme</b>	<b>Bachelor of Physiotherapy / B.Sc. Fashion Designing</b>
<b>Course Code</b>	<b>CSE008</b>
<b>Course Title</b>	<b>Basics of Computer sciences Laboratory</b>
<b>Type of course</b>	Practical
<b>L T P</b>	0 0 2
<b>Credits</b>	1
<b>Course prerequisite</b>	NA
<b>Course Objective (CO)</b>	To familiarize all the students with basic concepts of computers including office automation and internet concepts.

### LIST OF EXPERIMENTS

1. Given a PC, name its various components and peripherals. List their functions
2. **Installation of operating System viz. Windows XP, Windows 2007 etc.**  
Features of Windows as an operating system
  - Start
  - Shutdown and restore
  - Creating and operating on the icons
  - Opening closing and sizing the windows
  - Using elementary job commands like – creating, saving, modifying, renaming, finding and deleting a file
  - Creating and operating on a folder
  - Changing setting like, date, time, colour (back ground and fore ground)
  - Using shortcuts
  - Using on line help
3. **Word Processing (MS Office/Open Office)**
  - a) File Management:  
Opening, creating and saving a document, locating files, copying contents in some different file(s), protecting files, giving password protection for a file
  - b) Page Set up:  
Setting margins, tab setting, ruler, indenting
  - c) Editing a document:  
Entering text, Cut, copy, paste using tool- bars
  - d) Formatting a document:  
Using different fonts, changing font size and colour, changing the appearance through bold/ italic/ underlined, highlighting a text, changing case, using subscript and superscript, using different underline methods
    - Aligning of text in a document, justification of document, Inserting bullets and numbering
    - Formatting paragraph, inserting page breaks and column breaks, line spacing
    - Use of headers, footers: Inserting footnote, end note, use of comments
    - Inserting date, time, special symbols, importing graphic images, drawing tools
  - e) Tables and Borders:  
Creating a table, formatting cells, use of different border styles, shading in tables, merging of cells, partition of cells, inserting and deleting a row in a table  
Print preview, zoom, page set up, printing options  
  
Using Find, Replace options

- f) Using Tools like:  
Spell checker, help, use of macros, mail merge, thesaurus word content and statistics, printing envelopes and labels  
Using shapes and drawing toolbar,  
Working with more than one window in MS Word,  
Conversion between different text editors, software and MS word

#### **4. Spread Sheet Processing (MS Office/Open Office)**

- a) Starting excel, open worksheet, enter, edit, data, formulae to calculate values, format data, create chart, printing chart, save worksheet, switching between different spread sheets  
b) Menu commands:  
Create, format charts, organize, manage data, solving problem by analyzing data, exchange with other applications. Programming with Excel Work Sheet, getting information while working

- c) Work books:

**Managing workbooks (create, open, close, save), working in work books, selecting the cells, choosing commands, data entry techniques, formula creation.**

- a) Editing a worksheet, copying, moving cells, pasting, inserting, deletion cells, rows, columns, find and replace text, numbers of cells, formatting worksheet  
b) Creating a chart:  
c) Working with chart types, changing data in chart, formatting a chart, use chart to analyze data  
d) Using a list to organize data, sorting and filtering data in list  
e) Analysis of data

#### **5. PowerPoint Presentation (MS Office/Open Office)**

- a) Introduction to PowerPoint

- How to start PowerPoint
- Working environment: concept of toolbars, slide layout, templates etc.
- Opening a new/existing presentation
- Different views for viewing slides in a presentation: normal, slide sorter etc.

- b) Addition, deletion and saving of slides

- c) Insertion of multimedia elements

- Adding text boxes
- Adding/importing pictures
- Adding movies and sound
- Adding tables and charts etc.
- Adding organizational chart

- d) Formatting slides

- Using slide master
- Text formatting
- Changing slide layout
- Changing slide colour scheme
- Changing background
- Applying design template

- e) How to view the slide show?

- Viewing the presentation using slide navigator
- Slide transition
- Animation effects etc.

#### **6. Internet and its Applications**

- a) Log-in to internet

- b) Navigation for information seeking on internet
- c) Browsing and downloading of information from internet
- d) Sending and receiving e-mail
  - Attaching a file with e-mail message
  - Deleting a message

**Text and Reference books**

<b>Sr. no.</b>	<b>Name</b>	<b>AUTHOR(S)</b>	<b>PUBLISHER</b>
1	Fundamentals of Computers	R. S. Salaria	Salaria Publishing House
2	Computer Fundamentals	P.K. Sinha and P. Sinha	BPB Publication
3	Absolute Beginners Guide to Computer Basics	Miller M	Pearson Education
4	MS Office for Windows XP	Sagman S	Pearson Education



<b>Course Code</b>	<b>AEC0010</b>
<b>Course Title</b>	<b>Communication Skills in English-I</b>
<b>Type of course</b>	Theory
<b>L T P</b>	2 0 0
<b>Credits</b>	2
<b>Course prerequisite</b>	+2 with any stream
<b>Course Objective (CO)</b>	The course will introduce learners to the role and importance of effective communication at work. It presents theories and principles of communication responsible for good interpersonal interaction. Students will be prepared to communicate effectively in a variety of contexts and different mediums. The Units are structured around the communication tasks of managers.

### UNIT-I

**Basics of Communication Skills:** Communication, Process of Communication, Types of Communication Verbal and Non-verbal communication, Channels of Communication- Upward, Downward, Horizontal, Barriers to Communication, Role of Communication in society.

### UNIT-II

**Listening Skills:** Listening Process, Hearing and Listening, Types of Listening, Effective Listening, Barriers to Effective Listening, Note Taking. **Reading Skills:** Purpose of reading, Process of reading, Reading skills Models and strategies, scanning, skimming, SQ3R, Approaches of Reading, Comprehension passages for practice.

### UNIT III

**Writing Skills:** Purpose of writing, Effective writing, Types of writing, Business Correspondence, Precis writing, Memo writing, Minutes of meeting.

### UNIT-IV

**Speaking Skills:** Speech Mechanism, Sounds System, Articulation, Vowels & Consonants, Skills for effective speaking, Role of audience, Feedback Skill, Oral Presentation.

### Recommended Books:

Sr No	Author(s)	Title	Publisher
1.	Bhupender Kour	Effectual Communication Skills	S.K. Kataria and Sons
2.	R. Datta Roy and K.K. Dheer	Communications Skills	Vishal Publishing Company
3	The Essence of Effective Communication	Ludlow and Panton	Prentice Hall of India
4	Essentials of Business Communication	Pal and Korlahalli	S. Chand and Sons. New Delhi



Course Code	VAC022	
Course Title	Environmental Education	
Type of Course	Value Added Course	
L T P	3 0 0	
Credits	3	
Course prerequisite	NA	
Course objective	To connect and sensitize the students towards the environment and prevalent environmental issues (natural, physical, social and cultural).	
Course Outcomes (CO)	CO1	To understand the importance of environment in their life
	CO2	To learn about the concept of Ecosystem
	CO3	To understand the relation between social issues and environment.
	CO4	To learn about the new technology in harmony with environment.

## UNIT-1

**Introduction:** Definition, scope and role of Environmental studies in Engineering. Awareness of basic concept of environment.

**Types of Natural Resources and its management:** Renewable and non-renewable resources case studies and their over-exploitation: Forest resources, Water resources, Mineral resources, Food resources, Land resources

Ecosystems, Types of Ecosystem, Energy Flow, Biodiversity, Biogeographical classification of India, Mega diversity centers, Hotspot, Threats to biodiversity : habitat loss, Conservation, Endangered and endemic species of India.

## UNIT II

**Environmental Pollution and Engineering Disaster:** Definition, Causes, effects and control measures of air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Natural disaster (Avalanche, Landslide, floods, cyclones, earth quakes and volcano eruption), encroachment of catchment area for human purpose and man-made disaster (Chernobyl explosion, Electronic Graveyard – China, The Exxon Valdez Oil Spill, Bhopal gas tragedy). Environmental ethics: Issues and possible solutions. Wasteland reclamation. Consumerism and waste products. Salient features of various environment, forest, wildlife and pollution acts. Manufacturing green technology, The National Green Tribunal Act 2010; scheme and labeling of environment friendly products, Ecomarks.

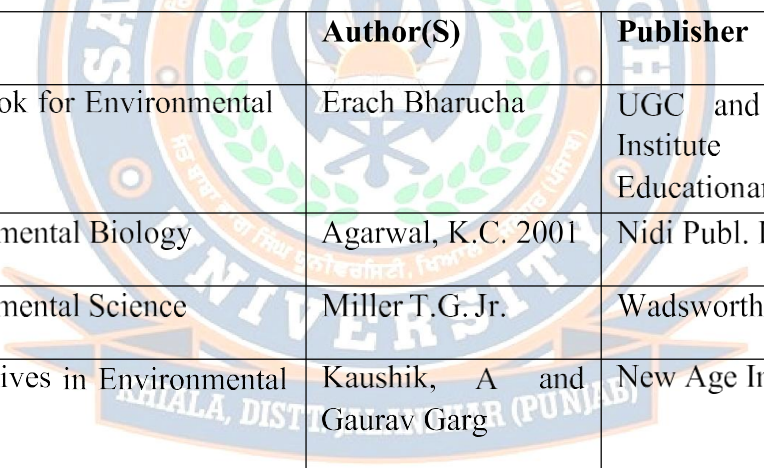
### UNIT-III

**Environment and Social Issues:** Sustainable development, urban problems related to energy, energy over-consumption and its impact on the environment, economy, and global change, Climate change, global warming, acid rain, ozone layer depletion. Solid waste management, Liquid waste management, Waste water recycling, rain water harvesting, watershed management, Environment economics

### UNIT-IV

Definition and concepts: green technology, green energy, green economy. Alternative sources as green energy (bio fuels, wind energy, solar energy, geothermal energy; ocean energy; nuclear energy); need for energy efficiency; energy conservation and sustainability. Sustainable development; case studies of environmental movements (Appiko Movement, Chipko Movement, Narmada Bachao Andolan).

#### Text and Reference Books:



S. No	Name	Author(S)	Publisher
1	Text Book for Environmental Studies	Erach Bharucha	UGC and Bharti Vidyapeeth Institute of Environment Education and Research, Pune
2	Environmental Biology	Agarwal, K.C. 2001	Nidi Publ. Ltd. Bikaner
3	Environmental Science	Miller T.G. Jr.	Wadsworth
4	Perspectives in Environmental Studies	Kaushik, A and Gaurav Garg	New Age International Publishers



# Second Semester

<b>Course Code</b>	<b>FD160</b>
<b>Course Title</b>	<b>Fabric Study</b>
<b>Type of course</b>	Theory
<b>L T P</b>	3 0 0
<b>Credits</b>	3
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	<ol style="list-style-type: none"> <li>1. To impart knowledge of fabric manufacture and fabric properties.</li> <li>2. To enable students to understand fabric structures and their analysis.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. The students will be able use fabric manufacture and fabric properties.</li> <li>2. With the acquired knowledge students will be able to identify different kinds of fabrics – composition, weave etc.</li> </ol>

#### UNIT-I

1. Introduction of fabric construction Its types methods and techniques.
2. Loom: Modern loom and Traditional loom Its types, parts and operation.
3. Weaving: Whole process of weaving and its types

#### UNIT-II

- Basic Weaves: , Basket, twill, stain their variation and types.
4. Novelty\ fancy weave: Pile, jacquard, dobby and its types.

#### UNIT-III

5. Non weaving fabric and techniques
6. Felting: Definition, manufacturing process, types, properties and use.
7. Bonding: Definition, manufacturing process, types, properties and use.

#### UNIT-IV

8. Physical properties of fabric: fabric strength, abrasion, resistance, crease recovery, stiffness, drapability, static electricity, thermal conductivity, air permeability, water repellence, thickness, shrink resistance, pilling resistance.

#### RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Fabric Studies	Jain, Payal	Har Anand Publications New Delhi
2	Textile Fiber To Fabric	Corbman	Mc Graw Hill B9ook USA
3	Understanding Fabrics From Fibers To Finished Clothes	Gioelle, Debbie, Ann	Fairchild Publication, New York City



<b>Course Code</b>	<b>FD162</b>
<b>Course Title</b>	<b>Fabric Study (Practical )</b>
<b>Type of Course</b>	Practical
<b>L T P</b>	0 0 4
<b>Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	<ol style="list-style-type: none"> <li>1. To impart knowledge of fabric manufacture and fabric properties.</li> <li>2. To enable students to understand fabric structures and their analysis.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. The students will be able to do weaving with different kinds of yarns.</li> <li>2. The students will be able to make informed choices while selecting fabrics for creating garments or other related products.</li> </ol>

#### Sample making by various techniques for:-

1. Plain: Warp and weft, Basket ,Rib Weave ,One by one and Two by two
2. Twill: One by one and Two by two
3. Satin and Sateen
4. Decorative weaves :Diamond
5. Pile: cut pile, uncut pile ,warp pile and weft pile Twining, Tasselling, Interlacing,Tatting Carpet-making, Tufting, etc
6. Imparting of basic and common techniques such as : Macrame, Knotting Braiding
7. One Article by using above technique.
8. Collection of different weaving samples with different techniques.

#### RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Fabric Studies	Jain, Payal	Har Anand Publications, New Delhi
2	Textile Fiber To Fabric	Corbman	Mc Graw Hill Book USA
3	Understanding Fabrics From Fibers To Finished Clothes	Gioelle, Debbie, Ann	Fairchild Publication ,New York City

<b>Course Code</b>	<b>FD162</b>
<b>Course Title</b>	<b>Indian Traditional Textiles</b>
<b>Type of course</b>	Theory
<b>L T P</b>	3 0 0
<b>Credits</b>	3
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	<ol style="list-style-type: none"> <li>1. To impart knowledge regarding traditional textiles of India.</li> <li>2. To enable students to understand use of these textiles in the field of fashion.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. Students will be able to differentiate between embroidery works of different states.</li> <li>2. Students will be able to use different technique in their collections.</li> </ol>

### UNIT-I

History, Classification and Uses of Woven fabrics: - Carpets and Durries Shawls  
New arrival Techniques, methods and colours /motifs of Sarees– Chanderi, Maheshwari, Kanjeevaram, Paithani Brocade and Chanderi

### UNIT-II

Resist Dyed: - Define complete history and process of  
Bhandani Ikat Patola

### UNIT-III

History and process of Printed & Painted: - Block printed textiles from Gujarat and Rajasthan  
Kalamkari, Sangneri

### UNIT-IV

Embroideries: Introduction, its types, influences, basic fabrics, decorative stitches, techniques and their colour combinations.

Phulkari

Kantha

Kutch

Kasuti

Chamba Rumal

Chikankari

Kashida

### RECOMMENDED BOOKS

<b>S. No</b>	<b>Name</b>	<b>Author(S)</b>	<b>Publisher</b>
1	Indian Embroidery	Rosemary Crill	V&A Publications, London
2	Traditional Indian Textiles	John Gillow Nicholar	Thames & Hudson Ltd Uk
3	Textile And Craft Of India	Surendra Sahai	Prakash book depot Karnataka
4	Indian Ethic Textile Design	Santosh Gupta	K.R.J. Book New Delhi

<b>Course Code</b>	<b>FD164</b>
<b>Course Title</b>	<b>Indian Traditional Textiles (Practical)</b>
<b>Type of course</b>	Practical
<b>L T P</b>	0 0 4
<b>Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	<ol style="list-style-type: none"> <li>1. To improve knowledge of traditional design and motifs of textiles.</li> <li>2. To introduce student with the creative art of embroidery.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. Students will be able to explore and bring into practice their ideas through embroidery techniques.</li> <li>2. Students will be able to develop utility articles with the help of basic embroidery stitches.</li> </ol>

Sample making of the following traditional embroideries and any one article to be made comprising any embroidery.

- Introduction to hand stitches : Basic embroidery hand stitches- Running stitch, Chain stitch, Satin stitch, French knot, Herringbone stitch
- Traditional Indian embroideries
  1. Chikankari of Uttar Pradesh
  2. Kutch of Gujarat
  3. Kantha of Bengal
  4. Kasuti of Karnataka
  5. Kashida of Kashmir
  6. Phulkari of Punjab
  7. One Article by using above technique.

## RECOMMENDED BOOKS

<b>S. No</b>	<b>Name</b>	<b>Author(S)</b>	<b>Publisher</b>
1	Indian Embroidery	Rosemary Crill	V&A Publications, London
2	Traditional Indian Textiles	John Gillow Nicholar	Thames & Hudson Ltd London
3	Textile and Craft of India	Surendra Sahai	Prakash book depot New Delhi
4	Indian Ethic Textile Design	Santosh Gupta	K.R.J. Book New Delhi

<b>Course Code</b>	<b>FD168</b>
<b>Course Title</b>	<b>Fashion Concept</b>
<b>Type of course</b>	Theory
<b>L T P</b>	3 0 0
<b>Credits</b>	3
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	<ol style="list-style-type: none"> <li>1. To create awareness about clothing culture.</li> <li>2. To impact knowledge of clothing communication and fashion expression</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. Student will be able to understand the knowledge of clothing communication and fashion expression</li> <li>2. Student will be able to create clothing culture.</li> </ol>

### UNIT-I

Fashion Terminology: Fashion, style, change, fashion cycle, fad, classic, boutique, croquis, fashion trends, haute couture, designer, prêt-a-porter, street fashion.  
silhouette- Necklines, Collars, Sleeves .

### UNIT-II

Fashion: Definition, Importance, influence on fashion (social, cultural, economic, education and technology) difference of fashion and anti-fashion, principles of fashion.

### UNIT-III

Origin of fashion.

Fashion cycles and breaks in fashion cycle.

Fashion theories - trickle down, trickle across and bottom up theory.

### UNIT-IV

Fashion forecasting – concept of seasons, fairs and international markets.

Role of Social and Psychological aspects of clothing.

Designer: - International / Domestic

### RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Fashion Design Vol.1 Fashion Concept	Dr. Navneet Kaur	Comdex / Dreamtech press
2	Inside Fashion Design	Sharon Lee Tate	Pearson Uk



<b>Course Code</b>	<b>FD170</b>
<b>Course Title</b>	<b>Sewing of Design Concept (Practical)</b>
<b>Type of Course</b>	Practical
<b>L T P</b>	0 0 4
<b>Credits</b>	2
<b>Course Prerequisites</b>	NA
<b>Course Objectives (CO)</b>	<ol style="list-style-type: none"> <li>1. To impart knowledge of machines used for sewing.</li> <li>2. The student will able to do stitching of basic sleeves and necklines.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>3. The student will able to do stitching of basic sleeves and necklines.</li> <li>4. The student will able to do stitching of baby garments.</li> </ol>

1. Drafting and Sewing of basic bodice block.
2. Drafting and Sewing of sleeve: Plain Sleeve, Bell Sleeve, Puff Sleeve, Raglan Sleeve, Kimono Sleeve, Leg-O-Mutton Sleeve, Flared Sleeve, Cap Sleeve, Magyar Sleeve, and Bishop Sleeve.
3. Drafting and Sewing of Collars: Flat and Rolled Collar (shirt collar), Peter Pan collar, Shawl Collar, Mandarin Collar, Wing Collar, Cape Collar, Sailor Collar.
4. Sewing all types of necklines and yokes with fullness and without fullness.
5. Sewing one kids garments with drafting (romper ).

### RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Basic Process and Clothing Construction	Shree Doongaji and Roshani Desh Pande	Publisher Unique Education Books , Raj Parkashan , New Delhi.
2	Garment Construction Skills	Mulhak Premlata	Sewing Techniques , ADK Publishing Books , New York
3	The Art of Sewing	Thomas, Anna, Jacob	UBSPDPublishers Distributors Ltd , New Delhi

<b>Course Code</b>	<b>FD172</b>
<b>Course Title</b>	<b>Basic of Illustration</b>
<b>Type Of Course</b>	Theory
<b>L T P</b>	3 0 0
<b>Credits</b>	3
<b>Course Prerequisites</b>	NA
<b>Course Objectives (CO)</b>	<ol style="list-style-type: none"> <li>1. The objective of the course is to increase the proficiency in drawing skills and to inculcate creative ability in the application of these acquired skills to translate as ideas for design on computer also.</li> <li>2. To develop understanding and basic skills of drawing and coloring along with introduction to various art media.</li> </ol>
<b>Course Outcomes (CO)</b>	<ol style="list-style-type: none"> <li>1. The students will able to create compositions using various color schemes</li> <li>2. The students will able to understand differences between various elements of design.</li> </ol>

### UNIT-I

1. Introduction and brief history of Fashion Illustration (Traditional and Contemporary).
2. Fashion through illustrative narratives.
3. Fashion illustration from manual to digital Transformation.

### Unit-II

1. Origin of fashion accessories
2. Introduction of Various accessories

### UNIT-III

1. History of fashion like jewellery, belts, footwear, hats, caps and bags .
2. Importance of Scarves in women clothing

### UNIT-IV

1. Introduction and types of brushes and its various sizes.
2. Techniques of collage making (Texture, reveal, replace, combine, outline, strips, shapes and symbols, draw/paint.
3. Difference between moldboard and storyboard.

## RECOMMENDED BOOKS

S. No	Name	Author(S)	Publisher
1	Fashion Apparel Design	Sumathi G J	New Age International Publishers
2	Fashion Illustration	Drake And Nicholas	Thames And Hudson, London
3	Comdex Fashion Design	Dr.Navneet Kaur	Dreamtech Press
4	Fundamentals Of Computer Graphic	Peter Shirley	Pearson,UK



<b>Course Code</b>	<b>FD174</b>
<b>Course Title</b>	<b>Basics of Illustration (Practical)</b>
<b>Type of Course</b>	Practical
<b>L T P</b>	0 0 4
<b>Credits</b>	2
<b>Course Prerequisite</b>	NA
<b>Course Objective (CO)</b>	3. The objective of the course is to increase the proficiency in drawing skills and to inculcate creative ability in the application of these acquired skills to translate as ideas for design on computer also. 4. To develop understanding and basic skills of drawing and coloring along with introduction to various art media.
<b>Course Outcomes (CO)</b>	3. The students will able to create compositions using various color schemes 4. The students will able to understand differences between various elements of design.

1. Sketching of various garment details: necklines, collars, sleeves, cuffs, skirts, trousers, tops, pockets, gathers, frills, pleats.
2. Sketching of accessories of different age group.
3. Rendering texture of fabrics: cotton, wool, net, velvet, leather, satin, silk, corduroy, fur
4. Silhouette: a-line, funnel, circular, straight, rectangular, hour glass, garment draped on fashion figure.

#### RECOMMENDED BOOKS

<b>S. No</b>	<b>Name</b>	<b>Author(S)</b>	<b>Publisher</b>
1	Fashion Sketch Book	Abling Bina	Thames And Hudson, London
2	Fashion Illustration	Drake And Nicholas	Thames And Hudson, London
3	Fashion Sketchbook	Ablinga, Bina	Fairchild Publication New York City
4	Fundamentals Of Computer Graphic	Peter Shirley	Pearson,UK



<b>Course Code</b>	<b>SEC001</b>
<b>Course Title</b>	<b>Photography &amp; Photoshop (Animation &amp; Multimedia)</b>
<b>Type of Course</b>	SEC
<b>L T P</b>	3:0:0
<b>Credits</b>	3
<b>Course Prerequisites</b>	Knowledge about Photoshop
<b>Course Outcome (CO)</b>	This course covers the art Photoshop

## SYLLABUS

### UNIT 1:

**Introduction to Photography:** Origin of Photography, History of Camera, and Early-stage challenges, Building blocks, Lenses and Cameras. Understanding Framing, Understanding Composition, and Understanding Rule of third. Understanding Nature, People, Product, Still Life, City & Architecture, Landscape, Experimental and HDR Photography.

### UNIT II:

**Cameras, Lenses & its fundamentals:** Understanding different types of Cameras, Understanding DSLR Camera and its fundamentals and techniques, understanding different types of lenses and its uses, Zoom Lens, Prime Lens. HD Cameras.

**Lighting:** Understanding Natural Light, Understanding Studio Light, working with various types of Lights

### UNIT III:

Introduction to graphics, vector graphics & bitmaps, understanding image size & resolution, Relation between resolution, File sizes & output, Using Menu & Colour palettes Concept of Path (Segment, Anchor, Curved, Closed, Open, Sub path), Working with Photoshop Tools, Working with Masks & Histogram, Importing & Exporting images

### UNIT IV:

Working with Layers, Channels & paths, Actions, History, using navigator & Photoshop plugins, Integrating with Web pages, Understanding Digital Images Vector Art, Ruler, Add Depth, Text Effects, Mixer Brush, Blending Modes Tricks, Painterly, Effects.

RECOMMENDED BOOKS			
Sr. no.	Name	AUTHOR(S)	PUBLISHER
1.	Adobe Photoshop CS5 Classroom	Adobe Creative Team	Focal Press
2.	Layers: The Complete Guide to Photoshop's Most Powerful Feature	Matt Kolowsky	Focal Press
3.	Adobe Photoshop CC Classroom	<u>Andrew Faulkner</u> , <u>Conrad Chavez</u>	Adobe Press

<b>Course Code</b>	<b>AEC0011</b>
<b>Course Title</b>	<b>Communication Skills in English-II</b>
<b>Type of Course</b>	<b>Theory</b>
<b>L T P</b>	<b>2 0 0</b>
<b>Credits</b>	<b>2</b>
<b>Course pre-requisite</b>	<b>NA</b>
<b>Course Objectives</b>	<b>To enhance employability skills of the learners by enabling them to write an effective resume and face the interview with confidence.</b>

## UNIT I

**PUBLIC SPEAKING:** Introduction to Public Speaking, Business Conversation, Effective Public Speaking Art of Persuasion

## UNIT II

**INTERVIEW SKILLS:** Types of Interview, Styles of Interview, Facing Interviews- Fundamentals and Practice Session ,Conducting Interviews- Fundamentals and Practice Session, Mock interview sessions

## UNIT III

**Writing Skills:** Resume Writing, Covering Letters, Interview Follow Up Letters, Email, Fax, Assessment through employability score card

## UNIT IV

**ETIQUETTES:** Business Etiquette, Dressing up Sense, Exchanging Business card, Shaking hands, Dining etiquette

### Recommended Books:

<b>Sr No</b>	<b>Author(s)</b>	<b>Title</b>	<b>Publisher</b>
1.	Jeremy Comfort	Speaking Effectively	CUP
2.	N.Krishnaswamy	Creative English for Communication	Macmillan
3	Raman Prakash	Business Communication	CUP
4	Anjaneethi & Bhavana Adhikari	Business Communication	Tata McGraw Hill

<b>Course code</b>	<b>VAC034</b>
<b>Course title</b>	<b>History and Culture of Punjab -I</b>
<b>Type of course</b>	<b>Theory</b>
<b>L T P</b>	<b>3:0:0</b>
<b>Credits</b>	<b>3</b>
<b>Course prerequisite</b>	<b>NA</b>
<b>Course objectives (CO)</b>	<ol style="list-style-type: none"> <li>1. The student will acquire the knowledge about Punjab and its Historical Resources.</li> <li>2. The student will understand the Harppan Culture and different Vedic Periods.</li> <li>3. The students will analyze the Alexander's invasions.</li> </ol>
<b>Course Outcomes</b>	<ol style="list-style-type: none"> <li>1. The students are able to acquire the knowledge about Ancient Punjab and its Historical Resources.</li> <li>2. The students are able to understand the Harppan Culture and different Vedic Periods.</li> <li>3. The students are able to analyse the Alexander's invasions.</li> <li>4. They introduced with important historical places of Ancient Punjab on map.</li> </ol>

### **Unit I**

Ancient Punjab: Physical features, Political, Social, Economic, Geographical, Religious impact on History, Historical Sources: Literary, Archaeological, Harappan Culture: Extent and Town Planning.

### **Unit II**

Harppan Culture: Social, Economic and Religious life; Causes and Disappearance, Rig Vedic Age: The rise of Indo Aryans, Main features of the life in Early Vedic Age, Later Vedic Age: Political, Economic, Social, and religious life of Later Vedic Aryans.

### **Unit III**

Simritis : Meaning, Text and Society, Origin of Varna System, The Epics: Historical importance of Ramayan and Mahabharat, Political condition on the eve of Alexander's Invasion.

### **Unit IV**

Impact of Alexander's Invasion on Social and Culture Life., Position of Women: Harppan, Early Vedic and Later Vedic Age.  
Important Historical places of Punjab: Mohenjodaro, Harappa, kotla Nihang khan, Sanghol, Banawali, Taxila, Hastinapur, Indraprastha, Srinagar, Sakala, Purusapura

### **Text and References Books:**

<b>S.NO.</b>	<b>Author's</b>	<b>Title</b>	<b>Publisher</b>
1	Sukhdev Sharma	History And Culture of Punjab	New Academic Publisher
2	Romila Thapar	A History of India, Vol. I	Penguin Books