

**B SC HOME SCIENCE - FASHION DESIGNING**  
**[Three Years Regular Programme]**  
**(For those who joined since 2021-22)**

**Programme Specific Objectives**

**PSO1:** To provide self employed and the job opportunities focused not only as Fashion Designer but also in various fields such as

- Design Consultant
- Designer cum Manager
- Fashion Design media specialist
- Embroidery Designer.
- Fashion Photographer
- Dyeing and Printing consultant
- Fabric analyser
- Fashion Design assistant
- Independent Fashion Designer
- Senior Fashion Merchandiser
- Teaching Profession
- Fashion Design Entrepreneur.

**PSO2:** Fashion designing employment areas are Design studio, Boutique house, Dyeing and printing factories, Apparel Export houses, Jewellery houses, Fashion trend sector, Merchandising firms, Media , Research and development firms, Retail/stores, Textile processing mill.

**PSO3:** They have good job opportunities with government sponsored, TRB-Sewing Special teacher and private silk, Handloom, Khadi, Jute and Craft development organizations.

**PROGRAMME STRUCTURE**

Sem	Subject code	Part	Course	Subject Title	Hours /Week	Credit	CIA	ESE	Total Marks
I	HBLT11/ HBLA11/ HBLIA11/ HBLH11	I	Language I	Tamil I/Basic Arabic I/ Intermediate Arabic I/Hindi I	6	6	40	60	100
	HBLG12/ HBLF12	II	Language II	English I- General / English I - Functional	6	6	40	60	100
	HBFDC11P	III	Core I	Fundamentals of Apparel Designing Theory cum Practicals	6	5	40	60	100
	HBFDC12	III	Core II	Principles of Pattern Making	4	3	40	60	100
	HBFDA13P	III	First Allied I	Fashion Illustration I practicals	6	5	40	60	100
	HBFDE14	IV	Skill Based Elective	Fibre to Yarn	2	2		50	50
				<b>Total</b>		<b>30</b>	<b>27</b>	<b>200</b>	<b>350</b>

II	HBLT21/ HBLA21/ HBLIA21/ HBLH21	I	Language I	Tamil II/ Basic Arabic II/ Intermediate Arabic II/ Hindi II	6	6	40	60	100
	HBLG22/ HBLF22	II	Language II	English II General / English II Functional	6	6	40	60	100
	HBFDC21P	III	Core III	Fashion Illustration II Practicals	5	4	40	60	100
	HBFDC22		Core IV	Indian Historic Costumes & Traditional Design	3	2	40	60	100
	HBFDA23P		First ALLIED II	Construction for Children's Apparel Practicals	6	5	40	60	100
	HBFDE24P	IV IV	Skill based Elective	Surface Embellishments Practicals	2	2	-	50	50
	HBES2		General Interest Course I	Environmental Studies	2	2	-	50	50
	HBFDX2/ HBFDX2O	-	Extra Credit	Clothing Care and Maintenance /Online Course	-	2	-	100	100
			<b>Total</b>	<b>30</b>	<b>27+2</b>	<b>200</b>	<b>400+ 100</b>	<b>600+ 100</b>	
III	HBFDC31	III	Core V	Fashion Studies	6	4	40	60	100
	HBFDC32		Core VI	Wet Processing [ Theory Cum Practical]	6	4	40	60	100
	HBFDA33P		Second ALLIED I	Construction for Women's Apparel Practicals	6	5	40	60	100
	-	IV	Non major elective	-	4	2	-	50	50
	HBFDE34P	IV	Skill based Elective	Draping Techniques Practicals	3	2	-	50	50
	HBHR3		General Interest Course II	Human Rights	3	2	-	50	50
	HBXTN3	V	Extension activities	NSS / CSS	2	2	100	-	100
	HBFDX3P/ HBFDX3O	-	Extra Credit	Boutique Internship /Online Course	-	2	-	100	100
			<b>Total</b>	<b>30</b>	<b>21+2</b>	<b>220</b>	<b>330+ 100</b>	<b>550+ 100</b>	
IV	HBFDC41	III	Core VII	Fashion Communication	5	4	40	60	100
	HBFDC42P		Core VIII	Construction for Men's Apparel Practical	5	4	40	60	100
	HBFDC43		Core IX	Fashion Merchandising & Marketing	5	4	40	60	100
	HBFDA44		Second ALLIED II	Fabric Structure & Design [ Theory Cum Practical]	6	5	40	60	100
	-	IV	Non major elective	-	4	2	-	50	50
	HBFDE45P	IV	Skill Based Elective	Fashion Accessory Designing Practical	3	2	-	50	50

	HBVE4		General Interest Course III	Values and Ethics	2	2	-	50	50
	HBFDX4P/ HBFDX4O	-	Extra Credit	Internship in Textile Processing-Manufacturing Unit / Online Course	-	2	-	100	100
				<b>• Total</b>	<b>30</b>	<b>23+2</b>	<b>160</b>	<b>390+100</b>	<b>550+100</b>
V	HBFDC51P	III	Core X	Computer Aided Design (CAD) Practicals-I	4	3	40	60	100
	HBFDC52		Core XI	Event design and management	5	4	40	60	100
	HBFDC53		Core XII	Fashion Portfolio Preparation	4	3	40	60	100
	HBFDE5A/ HBFDE5B		Elective I	a. Apparel Quality Control/ b. Apparel Production Management	5	5	40	60	100
	HBFDE5C/ HBFDE5D		Elective II	a. World Textile Costume/ b. Entrepreneur Development	5	5	40	60	100
	HBFDE54P	IV	Skill Based Elective	Textile Dyeing and Printing Practicals	3	2	-	50	50
	HBWS5	IV	General Interest Course IV	Women Studies	3	2	-	50	50
	HBFDX5PW / HBFDX5O	-	Extra Credit	Mini Project / Online Course	-	2	-	100	100
				Library/Browsing	1	-	-	-	-
				<b>Total</b>	<b>30</b>	<b>24+2</b>	<b>200</b>	<b>400+100</b>	<b>600+100</b>
VI	HBFDC61	III	Core XIII	Fashion Photography and Modelling [Theory Cum Practicals]	5	4	40	60	100
	HBFDC62		Core XIV	Fashion Retailing & Research	6	5	40	60	100
	HBFDC63P		Core XV	Fashion Portfolio Presentation Practicals	5	4	40	60	100
	HBFDC64P		Core XVI	Computer Aided Design (CAD) Practical's-II	4	3	40	60	100
	HBFDE6A/ HBFDE6B		Elective III	a. Home Furnishing / b. Textile Testing	5	5	40	60	100
	HBFDE65P	IV	Skill Based Elective	Fashion Styling Practicals	3	2	-	50	50
	HBS6D6/ HBFDX6O	-	Extra credit	Skills for Employability/ Online Course	-	2	100	-	100
				Library/Browsing	2	-	-	-	-
				<b>Total</b>	<b>30</b>	<b>23+2</b>	<b>200+100</b>	<b>350</b>	<b>550+100</b>
				<b>Grand Total</b>	<b>180</b>	<b>145+10</b>	<b>1180+100</b>	<b>2220+400</b>	<b>3400+500</b>

H/W- Hours/ Week CIA- Continuous evaluation assessment ESE- End Semester Examination  
\*For online certification credit alone will be assigned on submission of certificate obtained through online examination of National and International Institutions.

**CORE I – Fundamentals of Apparel Designing [Theory cum Practicals]**  
(For those who joined since 2021-22)

**Semester: I**

**Sub Code: HBFDC11P**

**Hours per Week: 6**

**Credit: 5**

**Course Outcomes:**

On successful completion of the course, the student will be able to

**CO 1:** differentiate the types of sewing machines.

**CO 2:** understanding the basic tools.

**CO 3:** design parts of a garment.

**CO 4:** construct various parts of a garment.

**CO 5:** awareness of various finishes and its applications.

**CO 6:** to avail good control over sewing machine

**Unit I**

**(18 hours)**

**Introduction to Sewing Machine :** Parts and functions of a single needle machine, Classification – Single Thread-Types of sewing machine, essential tools – cutting tools, measuring tools, marking tools, general tools, pressing tools.

**Unit II**

**(18 hours)**

**Seams and Seam finishes:** Seams and seam finishes – types, working of seams and seam finishes. Hems – types, stitches. Preparation of samples for seam -plain, Flat fell, French, piped seam, seam finishes- Top Stitched ,overcast, Hem, Edge stitched, bound. facings – bias facing, bound facing and decorative facing. Binding – single bias binding, double bias binding.

**Unit III**

**(18 hours)**

**Fullness and Yokes:** Preparation of samples for fullness-darts, tucks -pin, cross, group tucking with scalloped effect, Pleats -knife, box, kick, cartridge, gathering by machine, elastic, Ruffles-single, double, flares and godets, gathers and shirrs, flounces. Simple yoke, yoke supporting fullness.

**Unit IV**

**(18 hours)**

**Plackets and Fasteners:** Plackets-characteristics of a good placket, types – inconspicuous placket and conspicuous plackets. Method of construction. Fasteners – conspicuous (Button and button-holes, button loops, button with holes, shank buttons, eyelets and cords). Inconspicuous (press buttons, hooks and eyes, zips). Preparation of samples for plackets and fasteners-continuous, bound, faced and zipper plackets, Tailored Placket, button and buttonhole, press button, hook and eye.

**Unit V**

**(18 hours)**

**Sleeves, Collars and Pockets:** Sleeves – types, Preparation of samples for set-in-sleeves – plain sleeve, puff sleeve, bishop sleeve, bell, circular. Modified armhole – squared, armhole. cap sleeve and Magyar sleeve. Raglan, kimono and dolman. Collars – types, peter pan, scalloped, puritan, sailor, square, rippled, full shirt collar, open collar, Chinese, turtle neck,

shawl collar pockets – types – patch pocket, bound pocket, pocket in a seam, single or double lip pocket

**Text Books:**

1. 'Elements of apparel Designing' By Sumathi.G Newv age International ( PVT) Limited, 2004
2. "Fundamentals Of Construction And Pattern Making Of fashion Design", By Jennifer Lynne Matthews – Fairbanks-2018

**Reference Books:**

1. Technical Advisory Committee of AAMA, "A new look at Apparel Mechanization", 2004.
2. Solinger Jacob, "Apparel Manufacturing Analysis", Columbia Boblin Media, 2004.
3. Technical Advisory Committee of AAMA, "A new look at Apparel Mechanization", 2004.
4. Laing R M and Webster J, "Stitches and Seams", The Textile Institute,2006.

**Journal:**

1. Journal Of Clothing and Textile
2. Journal of Designing Apparel For Consumers
3. Journal of Textile Design

**E Resource:**

1. <https://www.bloomsbury.com/uk/the-fundamentals-of-fashion-design-9782940373390/>
2. [https://www.brainkart.com/article/Seam-Finishes-and-Types-of-Seam-Finishing\\_35626/](https://www.brainkart.com/article/Seam-Finishes-and-Types-of-Seam-Finishing_35626/)
3. <http://textilelearner.blogspot.com/2014/11/the-basic-fundamentals-of-apparel.html>
4. <https://www.britannica.com/>
5. <https://www.kresent.com/types-of-collars/>

**CORE II – Principles of Pattern Making  
(For those who joined since 2021-2022)**

**Semester: I**

**Subject Code: HBFDC12**

**Hours per Week: 4**

**Credit : 3**

**Course Outcomes:**

On successful completion of the course, the student will be able to

- CO 1:** Understanding the term of pattern making.  
**CO 2:** Knowledge with tools and methodologies of pattern making  
**CO 3:** Develop the creative designs through draping, drafting, flat pattern method.  
**CO 4:** Analyse the designs and selection of pattern making principles.  
**CO 5:** Variations of basic pattern set using pattern making techniques.  
**CO 6:** Understanding the garment fitting, alteration, assembling techniques.

**Unit I** (12 hours)

**Body Measurement:** Importance, preparing for measuring, ladies measurements, children's and men's measurements. Standardizing body measurements – importance, techniques used. Relative length and girth measures in ladies /gentlemen. Preparation of fabric for cutting – importance of grain in cutting and construction, steps in preparing the fabric for cutting.

**Unit II** (12 hours)

**Pattern making:** Methods of pattern making, drafting and draping merits and demerits – types of paper patterns, patterns for personal measurements and commercial patterns – principles of pattern drafting – pattern details – steps in drafting basic bodice front and back and sleeve.

**Unit III** (12 hours)

**Pattern Alteration:** Methods of identifying pattern alteration. General principles for pattern alteration. Common pattern alteration in a fitted bodice pattern. Garment fitting and Assembling Standards for a good fit, checking for good fit, solving fitting problems and remedies.

**Unit IV** (12hours)

**Pattern Layout:** Definition, purpose, rules in layout, types of layouts for length wise stripped designs, fabric with bold design, asymmetric designs, one way designs. What can be done if cloth is insufficient, fabric cutting, transferring pattern marking, stay stitching, ease stitching.

**Unit V** (12 Hours)

**Commercial Pattern and Pattern Grading:** Commercial pattern: Definition, merits and demerits, Development of commercial pattern. Pattern Grading: Definition, Grading terminology, selecting a grading system, grading techniques, advantages and disadvantages. Computer grading. Grading procedures. Grading of basic block using draft grading systems.

**Text Book:**

1. Mary Mathews, "Practicals Clothing Construction" – Part I & II, Cosmic Press, Chennai, 2004.
2. Lucia Mors de Castro, Lucia Mors, Isabel Sánchez Hernández, "Practicals Pattern Making" Edition illustrated Publisher Firefly Books, 2015

**Reference Books:**

1. Mary Mulasi, "Garments with style", Chiton Book Company, Pennsylvania, 2006.
2. Helen Joseph- "Pattern Making for Fashion Design", Armstrong Pearson Education, Delhi, 2000.
3. Hilary Campbell, "Designing Patterns Om Book Services", New Delhi, 2003.

**Journal:**

1. Journal of International Research and Method Of Education.
2. Journal of Education Technology.
3. Journal of Optimized Pattern Grading.

## E Resource

1. [https://en.wikipedia.org/wiki/Pattern\\_\(sewing\)](https://en.wikipedia.org/wiki/Pattern_(sewing))
2. [http://dget.nic.in/upload/uploadfiles/files/Sewing\\_Technology\\_CTS.pdf](http://dget.nic.in/upload/uploadfiles/files/Sewing_Technology_CTS.pdf)
3. [http://fashiondegreelink.com/introduction-pattern-drafting#formPage\\_1](http://fashiondegreelink.com/introduction-pattern-drafting#formPage_1)
4. <http://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making>
5. <https://www.clothingpatterns101.com/pattern-grading.html>

## FIRST ALLIED I – Fashion Illustration I – Practicals (For those who joined since 2021-22)

Semester: I

Subject Code: HBFDA13P

Hours per Week: 6

Credit : 5

### Course Outcomes:

Upon completion of this Practicals course, the student will be able to

**CO 1:** Gain fashion illustration technique

**CO 2:** Gain knowledge of illustration from different artists

**CO 3:** Gain colouring techniques- pencil drawing, posters, water colours

**CO 4:** Development of own individual styles

### LIST OF EXPERIMENTS

1. Lines and line drawings – object drawing and perspective view drawings
2. Enlarging and reducing motifs
3. **Prepare different presentation of fashion illustration**
  - a. Water colour
  - b. Poster colour
  - c. Colour pencil
  - d. Collage work
4. **Prepare the Illustrations for the following:-**
  - a. Head theory – 8 ½ , 10 ½ , and 12 ½
  - b. Stick figure
  - c. Block Figure
  - d. Flesh Figure
5. Draw classic and innovative features of costume designs
  - a. Collars
  - b. Necklines
  - c. Pockets
  - d. Sleeves
  - e. Waistlines. Cuffs, Skirts,
  - f. Trousers ,
  - g. Yokes,
  - h. Waistlines
  - i. Plumb Line,
  - j. Center Front Line,
  - k. Princess Line,
  - l. Waistline, Side Seam,
  - m. Armholes,
  - n. Panty Line,
  - o. Bust Line Etc.,

6. Practicing the art of creating textures.
7. Illustrating different type of ornaments and accessories.
8. Illustrating details of ruffles, cowls, shirring, smocking, quilting, draping, gathers, pleats, frills and flounces.

**Text Book:**

1. “Fashion Illustration”: Inspiration and Technique, Anna Kiper, illustrated, reprint 2011
2. “Moda Illustrasyonlari”, *Bilge Kültür Sanat*, Anna Kiper, Nurten Hatırmaz, 2014

**Reference Books:**

1. Ireland Patrick John, “Fashion Design Drawing & Presentation”. 2006
2. Arti Sandhu, “Indian Fashion”,2015
3. Julian Seaman, “Foundation in fashion design and illustration”, 2001

**Journal:**

1. Journal of Illustration
2. Journal of Illustration Solutions
3. Journal of design

**E Recourse:**

1. [https://en.wikipedia.org/wiki/Fashion\\_illustration](https://en.wikipedia.org/wiki/Fashion_illustration)
2. <https://www.iskn.co/fashion-illustration-basics/>
3. <http://www.vogue.co.uk/gallery/fashion-illustration>
4. <http://www.purfe.com.au/top-5-fashion-illustration-books/>
5. [http://sewguide.com/gather and frills](http://sewguide.com/gather_and_frills)

**CORE III – Fashion Illustration II Practicals**  
(For those who joined since 2021-22)

**Semester: II**

**Subject Code: HBFDC21P**

**Hours per Week: 5**

**Credit: 4**

**Course Outcomes:**

Upon completion of this Practicals course, the student will be able to

**CO 1:** capable to create their own style of illustration

**CO 2:** drawing shilloutes

**CO 3:** sketching human body,

**CO 4:** sketching various parts of body

**CO 5:** to explore basics medium of art

**CO 6:** gained knowledge about the figure and different figure shapes

**LIST OF EXPERIMENTS**

1. Concept of fashion drawing,
2. Drawing of Basic figures, Movement figures- legs & hands
3. Drawing of Bone Structure
4. Drawing of Muscle view
5. Drawing of Front view ½ sheet each
6. Drawing of Side view
7. Drawing of Back pose
8. Drawing of Structure of hands, legs & foot
9. Enlargement and reduction of Basic Figures



10. Drawing the face & Facial proportion
11. Drawing of hair Styles

**Text Book:**

1. Jennifer Lilya, “Fashion Illustration Art”, Penguin Publishing Group, 2014
2. Michele Wesen Bryant, “Fashion Drawing, Illustration Technique For Fashion Designer”, Laurence King Publishing, 2016

**Reference Book:**

1. Zeshu takamura, “Fashion Illustration Techniques”, Rochport Publishers, 2012
2. Mary Kate McDevitt, “Illustration Workshop”: Find Your Style, Practice Drawing Skills, and Build a Stellar Portfolio, Chronicle Books, 2018
3. Tiziana Paci, “Colour In Fashion Illustration” ( Drawing and Painting Techniques) Hoaki books SL .2018

**Journal:**

1. Journal of Illustration
2. Journal of Illustration Solutions

Journal of design

**E Resource:**

1. [https://en.wikipedia.org/wiki/Fashion\\_illustration](https://en.wikipedia.org/wiki/Fashion_illustration)
2. <https://www.iskn.co/fashion-illustration-basics/>
3. <http://www.vogue.co.uk/gallery/fashion-illustration>
4. <http://www.purfe.com.au/top-5-fashion-illustration-books/>
5. <https://www.shutterstock.com/search/women+hair+style+illustration>

**CORE IV – Indian Historic Costumes & Traditional Design**  
(For those who joined since 2021-22)

**Semester: II**

**Subject Code: HBFDC22**

**Hours per Week: 3**

**Credit: 2**

**Course Outcomes:**

On successful completion of the course, the student will be able to

**CO 1:** Familiarize the Indian traditional costumes

**CO 2:** Various traditional of textile in India and to give an understand of their contemporary Status

**CO 3:** Awareness about the cultural traditional costumes in various occasions

**CO 4:** Understanding the various designs, motifs, colours used in different states

**CO 5:** Gain and explore the various traditional methods used for decorative designing

**CO 6:** Create various dying and printing and their terminologies

**Unit I**

**(12 Hours)**

**Introduction to Indian Costumes:** Indian costume – Introduction, Indian Costumes from the earliest times to the beginning of the historical period – Indus valley civilization costumes, Indo Aryans and Vedic Ages, Mauryan and the Sunga period, Satavahana period, Kushan period Mughal period.

**Unit II** (12 Hours)

**Traditional Costumes of India:** Introduction to traditional Indian dress. Costumes of Tamil Nadu, Kerala, Karnataka, Andhra Pradesh, Madhya Pradesh, Uttar Pradesh, Gujarat, Rajasthan, Punjab, Himachal Pradesh, Jammu and Kashmir.

**Unit III** (12 Hours)

**Embroideries of India:** Kashmir Embroidery, Kanthas of Bengal, Chambarummal of Himachal Pradesh, Chickenkari of Uttar Pradesh, Pulkhari of Punjab, Kasuthi Embroidery, Kutch Embroidery.

**Unit IV** (12 Hours)

**Traditional Woven Textiles:** Introduction to woven textiles of India – Brocades of Banaras, Himrus, Amrus Baluchari, Pithambar, Tamilnadu Saree. Types of woven Kashmir shawls – Do-shala, Do-rookha, Kasubha shawl.

**Unit V** (12 Hours)

**Traditional Prints and Dyes of Textiles:** Printed textiles – Kalamkari, Block printing, Roghan printing and other printed and painted textiles (Mata-mi-pachedi, Pabuji-ka-pad) Dyed textiles – Ikat, Patola, Bandhani, Laharia, Mashru.

**Text Books:**

1. Parul Bhatnagar, "Traditional Indian costumes and Textiles", First Edition, Abhishak Publications, Chandigarh, India, 2004.
2. Manmeet Sodhia, "History of Fashion", Kalyani Publishers, New Delhi, 2007.

**Reference Books:**

1. Manmeet Sodhia, "History of Fashion", Kalyani Publishers, New Delhi, 2009.
2. Daniel Delis Hill, "History Of World Costume And Fashion", Pearson Prentice Hall, 2011
3. Arti Sandhu, "Indian Fashion Tradition, Innovation, Style", Blooms Berry, 2015

**Journal:**

1. Journal of Indian Textile History
2. Journal of Dress History
3. Journal of Medieval History

**E Resource:**

1. [https://en.wikipedia.org/wiki/History\\_of\\_clothing\\_in\\_India](https://en.wikipedia.org/wiki/History_of_clothing_in_India)
2. [https://www.researchgate.net/publication/215757088\\_Traditional\\_indian\\_Costumes\\_and\\_Textiles](https://www.researchgate.net/publication/215757088_Traditional_indian_Costumes_and_Textiles)
3. [https://www.researchgate.net/publication/215616545\\_Decorative\\_Design\\_History\\_In\\_Indian\\_Textiles\\_Costumes](https://www.researchgate.net/publication/215616545_Decorative_Design_History_In_Indian_Textiles_Costumes)
4. <https://www.slideshare.net/PriyalThakkar/fashion-history-of-india-56599569>

**FIRST ALLIED II-Construction for Children's Apparel Practicals**  
(For those who joined since 2021-22)

**Semester: 2**

**Subject Code: HBFDA23P**

**Hours/Week: 6**

**Credits: 5**

**Course Outcomes:**

Upon completion of this practical's course, the student would be able to

CO1: Designing, drafting and constructing the following garments for the features Prescribed

CO2: List the measurements required and materials suitable. Calculate the cost of the garment.

CO3: Calculate the material required-Layout method and direct measurement Method

**List of practical's:**

1. Bib- Variation in outline shape
2. Panty-plain or plastic lined panty
3. Jabla- without sleeve, front open or Magyar sleeve, back opens
4. Baba suit- knicker with chest piece attached or Romper
5. A-Line petticoat- double pointed dart, neck line and armhole finished with facing/petticoat with gathered waist
6. School Uniforms – Boy's and Girl's.
7. Summer frock- with suspenders at shoulder line, without sleeve/collars Angel top with raglan sleeve, fullness at neck line
8. Yoke frock- yoke at chest line, with open, puff sleeve, gathered skirt9OR0 frock-with collar, without sleeve, gathered/ circular skirt at waist line or Princess line frock
9. Knicker- elastic waist, side pockets.
10. Shirt- open collar, with pocket
11. Boy's short – fly open with buttons, side pocket, pleats and dart.

**Text Books:**

1. ZaridaZaman, "*Fashion Pattern Cutting: Line, Shape and Volume*", Bloomsbury Academic Publication, 2014.
2. Teresa Gilwska , "*Pattern Drafting for Fashion*", A&C Black, 2011.

**Reference Book:**

1. Mary Mathews, "*Practicals Clothing Constructing-Part I and II*, Cosmic Press, Chennai, 2004.
2. Zarapker. K. R, "*Zarapker System of Cutting*",Navneet Publications ltd. 2011.
3. Gayatri Verma, KapilDev, "*Cutting & Sewing Practical Drafting*", Computech Publication ltd New Asian, 2014.

**Journal:**

1. Journal of Designing Comfort Garment For Children
2. Journal of Designing Apparel for Consumer
3. Journal of Sewing Guide

**E Resource:**

1. [https://www. Sewing Divas.com](https://www.SewingDivas.com)
2. <https://www.Universityoffashion.com>

3. <https://www.instructables.com/how-to-sew-a-baby-bib-pattern/>
4. <https://sewguide.com/frock-designs/>
5. <https://sewguide.com/shirt-designs/>

**EXTRA CREDIT I – Clothing Care and Maintenance**  
(For those who joined since 2021-22)

**Semester: II**

**Hours per Week: -**

**Subject Code: HBFDX2**

**Credits: 2**

**Course Outcomes:**

On successful completion of the course, the student will be able to

**CO 1:** Successfully perform laundering tasks using safety and sanitation procedures

**CO 2:** Determine producers to receive, mark, and identify laundry

**CO 3:** Demonstrate safety and sanitary procedures while laundering

**CO 4:** Develop the employability characteristics

**CO 5:** Apply their professional communication strategies

**Unit I**

**(6hours)**

**Water and Soap:** Types- soft water-hard water- purification of water. Soaps, detergents – types – manufacturing – properties.

**Unit II**

**(6 hours)**

**Laundering:** Objects – methods - laundering of white - coloured, cotton, silk, wool, synthetic fabrics, lace materials, carpets. Clothing storing- mending - darning- seasonal care.

**Unit III**

**(6 hours)**

**Dry cleaning:** Chemicals used - sequence - method - commercial dry cleaning. Washing machines – types - working principles.

**Unit IV**

**(6 hours)**

**Ironing and pressing:** Hot air, steam, permanent pressing, thumble drier –hydro extractor - working principle.

**Unit V**

**(6hours)**

**Stain and care:** Classification – removal of known and unknown stains - rules in removing fresh and old stains. Stain removers - grease solvents – absorbents - washing soda - borax. Care labels – importance- symbols – uses. Packing – importance – care of import & export packing.

**Text Book:**

1. Rajkishore Nayak, Saminathan Ratnapandian, “Care and Maintenance of Textile Products Including Apparel and Protective Clothing”, 2018
2. Swedish Standards Institute, “Guidelines On the Selection”, Uses, Care and Maintenance of Protective Clothing, 2006

**Reference Books:**

1. PAT ARMSTRONG and SUZANNE DAY, “Wash, Wash and Care, Clothing and laundry in long”- term residential care, 2017
2. Karen, M. Depauw, “The Care and Display of Historic Clothing”, 2017
3. Durga.D, “House hold textiles and laundry work”- 2018

**Journal:**

1. Journal of Clothing Science
2. Journal of Clothing Care
3. Journal of Laundry Care

**E Resources :**

1. [https://www.slideshare.net/indianeducation/care-and-maintenance-of-fabrics.](https://www.slideshare.net/indianeducation/care-and-maintenance-of-fabrics)
2. [https://blog.utsavfashion.com/how-to/fabric-maintenance.](https://blog.utsavfashion.com/how-to/fabric-maintenance)
3. [https://www.hermanmiller.com/content/dam/hermanmiller/documents/materials/reference\\_info/Care\\_Textiles.pdf.](https://www.hermanmiller.com/content/dam/hermanmiller/documents/materials/reference_info/Care_Textiles.pdf)
4. [https://fabriclore.com/blogs/news/fabric-care-guide.](https://fabriclore.com/blogs/news/fabric-care-guide)
5. <https://www.heirloomcreations.net/pressing-or-ironing/>

**CORE V-Fashion Studies**  
**(For those who joined since 2021-22)**

**Semester: 3****Subject Code: HBFDC31****Hours/Week: 6****Credits: 4****Course Outcomes:**

On successful completion of the course, the student will be able to

CO1: Recognize the meaning of fashion

CO2: Discover the current trends in fashion

CO3: Identify the trends in fashion industry

**Unit I****(18 hours)**

**Introduction to Fashion:** Definition, Importance and Designs – Principles, Elements. Terminologies of fashion, Nature of fashion, Myths about fashion, Fashion Concepts in different regions, Leaders of fashion.

**Unit II****(18 hours)**

**Environment of Fashion:** History of fashion – Origin of fashion, Adoption of fashion- Trickle up, Trickle down & Trickle across theory, Cultural value. Evaluation; Revolution of fashion- Vertical, Horizontal concepts, Environment of fashion, Factors influencing fashion- Psychological needs of fashion, Socio Psychology of fashion, Technological, Political, Legal and Seasonal influence.

**Unit III****(18 hours)**

**Fashion Psychology:** Principles of fashion- Fashion cycle, Movement of fashion, Role of costume as a status symbol, Costume as personality and sex appeal, Diffusion of fashion line, Historic costumes and evaluation of Indian costumes.

**Unit IV** (18 hours)

**Figure Irregularities:** Designing dresses for unusual figures – becoming and unbecoming – figure types – stout figure – thin figure – slender figure – narrow shoulders – broad shoulders – round shoulders – large bust – flat chest – large hip – large abdomen – round face – small face – prominent chin and jaw – prominent forehead.

**Unit V** (18 hours)

**Colour Theory:** Colour – definition – colour theories – prang colour chart and munsell colour system – dimensions of colour – hue – value – intensity – standard colour harmonies – application in dress design – colour in principles of design – application of the same in dress design.

**Text Books:**

1. Elaine stone, “*The Dynamics of Fashion*”. Fair child publications, New York, 2001.
2. Susan B, Kaiser, “*Fashion And Cultural Studies*”, Bloomsberry Publishing, 2013.

**Reference Books:**

1. Ellen Diamond, “*Fashion Retailing. Pearson Education*”. INC and Dorling Kindersley Publishing, Delhi, 2007.
2. Kitty G, Dickerson, “*Inside the fashion Business. Pearson Education*”. INC and Dorling Kindersley Publishing, 2005.
3. Heike Jenss, “*Fashion Studies Research Methods*”, Sites and Practices, Bloomsberry Publishing, 2016.

**Journals:**

1. Journal of Fashion Marketing and Management
2. Journal of fashion studies
3. Journal of Color Tech

**E Resource:**

1. [www.vogue.com](http://www.vogue.com)
2. [www.businessoffashion.com](http://www.businessoffashion.com)
3. <https://worlduniversityofdesign.ac.in/b-des-fashion-design.php?gclid>
4. <https://99designs.com/blog/tips/the-7-step-guide-to-understanding-color-theory/>
5. <https://www.michaelsolomon.com/fashion-psychology/>

**CORE VI – Wet Processing [Theory cum Practicals]  
(For those who joined since 2021-22)**

**Semester: 3**

**Subject Code: HBFDC32**

**Hours/Week: 6**

**Credits: 4**

**Course Outcomes:**

On successful completion of the course, the student will be able to

CO1: Understand the wet processing sequence

CO2: Understand the different preparatory processes required for dyeing

CO3: Understand the various dyeing machineries

**Unit I** (18hours)

**Preparatory Processes:** Preparatory process in wet processing. Sequences of wet processing-singeing. Desizing, scouring, bleaching and mercerization- objectives and types.

**List of Practicals:**

- a. Scouring
- b. Desizing
- c. Bleaching

**Unit II** (18 hours)

**Dyeing Machineries:** Dyeing-objectives-methods of dyeing-machineries used for dyeing process- batch, winch, jig, padding, package dyeing. Dyeing techniques - Yarn dyeing and fabric dyeing. Dyeing machineries for garments and knitted fabrics, rotary dyeing, solvent dyeing.

**Unit III** (18 hours)

**Types of Dyes:** Dyeing of textiles- natural – man made – synthetic fibers- vat, reactive dyes, acid dyes, disperse dyes, factors to be considered while garment dyeing. Yarn dyeing – hank and package dyeing.

**List of Practicals:**

- a. Cotton- reactive dye
- b. Polyester –Disperse dye
- c. Silk – acid dye
- d. Wool – basic dye
- e. Tie & dye

**Unit IV** (18 hours)

**Printing Methods:** Printing methods and style, types – reactive and discharge printing – resist style- tie and dye, batik printing, transfer printing, wet film release transfer printing, heat transfer printing.

List of Practicals:

- a. Batik printing
- b. Screen printing
- c. Block printing
- d. Stencil printing

**Unit V** (18 hours)

**Finishing Processes:** Finishing- objectives-types of finishing-shrinkage measurements-resin finish-acid finish-silicon finish-Teflon, soil repellent, flame retardant, water proofing. Recent finishes - herbal finishes - microencapsulation, nano encapsulation. Finishes for denim.

**Text Books:**

1. Needles.H.L, “*Textile Fibres, Dyes, Finishes and Processes*”, Noyes Publications, 2011.
2. Smith.J.L, “*Textile Processing, Printing Dyeing, Finishing*”, Abhishek Publications, Chandigarh, 2006.

**Reference Books:**

1. W D Schindler, P J Hauser, “*Chemical Finishing of Textiles*”, Wood head publication, 1<sup>st</sup> edition, 2004.
2. Qinguo Fan, “*Chemical Testing of Textiles*”, CRC Press; 1st edition, 2005.
3. Subramaniyan Senthilkannan Muthu, “*Textiles and clothing Sustainable Textile Chemical Processes*” 2016

**Journals:**

1. Journal of Dyes and Pigments
2. International Journal of Textile Science Research
3. Journal of Textile Finishing

**E Resource:**

1. [www.TextileLearner.com](http://www.TextileLearner.com)
2. [www.DyeingWorld.Com](http://www.DyeingWorld.Com)
3. <https://study.com/academy/lesson/what-is-textile-finishing.html>
4. <https://www.contrado.co.uk/blog/printing-methods-differences/>
5. <https://textiletuts.com/types-of-dyeing-machines/>

**SECOND ALLIED I- Construction for Women’s Apparel Practicals**  
**(For those who joined since 2021-22)**

**Semester: 3****Subject Code: HBFDA33P****Hours/Week: 6****Credits: 4****Course Outcomes:**

CO1: Designing, drafting and constructing the following garments for the features prescribed.

CO2: List the measurements required and materials suitable. Calculate the cost of the garment.

CO3: Calculate the material required – layout method and direct measurement method.

**List of Practicals:**

Designing, drafting and constructing the following garments for the features prescribed List the Measurements required and Materials suitable Calculate the cost of the garment Calculate the material required –Layout method and direct measurements method

1. Saree Petticoat- Six Panel, Decorated bottom.
2. Camisoles
3. Skirts – Circular/umbrella/panel with style variations.
4. Blouse- front open, Princess cut, Fashioned neck, Waist band at front, with sleeve.
5. Salwar or Churidar – Length width Variation
6. Kameez – with /without slit, with or without flare, with /without opening, with or without panels, with /without yoke.
7. Nightie –With yoke, front open, with sleeve, full length, Two piece night wear
8. Ladies Trouser- waist band, zip attached, tight fitting / parallel pants.
9. Tunic top / top – Decorative / surface design in tailored placket, with or without collar.



**Text Books:**

1. Beverly Gatterson *et al*, “*Apparel: Concepts and Practical Applications*”, Fairchild Books, 2008.
2. Jai Mohan, “*Designer Joi's Fashion Sewing Workshop: Practical Skills for Stylish Garment Design*” Published by Fons & Porter, 2016.

**Reference Books:**

1. K.R Zarapker, “*Zarapker system of cutting*”, Navneet publication ltd.2008.
2. Mary Mathews, “*Practicals Clothing Constructing-Part I and II*”, Cosmic Press, Chennai 1986.
3. Gayatri Verma, Kapil Dev, “*Cutting & Sewing Practical Drafting*”, Computech Publication ltd New Asian, 2014.

**Journals:**

1. Journal of Drafting Techniques
2. International Journal of Fashion Design
3. Journal of Pattern Design

**E Resource:**

1. <https://sewguide.com/sew-sari-petticoat/>
2. <https://sewguide.com/how-to-sew-skirts/>
3. <https://www.vibhasfashion.com/blouse-cutting-and-stitching>
4. <https://style2designer.com/pattern-cutting-cad-cam/cutting-sewing-techniques/straight-kameez/>
5. <https://sewguide.com/free-tunic-pattern/>

**EXTRA CREDIT – Boutique Internship  
(For those who joined since 2021-22)****Semester: 3****Subject Code: HBFDX3P****Hours/Week:****Credits: 2****Course Outcomes:**

CO1: Understanding the structure and functions of various departments in the organization

CO2: Understanding the short term and long term targets of an organization and its planning and execution methods

CO3: Analysing the impact of organization on Society

**Unit I:****Literature Study Day 1:** Learning about the Boutique Industry, Its History and Organization structure**Unit II:****On Site Study Day 2 - 3:** Observation – Process and Procedures**Unit III:****Data Collection Day 4 - 5:** Collection of Data about the industry process, statistics through survey / questionnaire / interview Recording of data using pictures, videos, sketches & sample collection.

**Unit IV:****Internship Job Role Day 6 - 15:** Working in the industry**Unit V:****Documentation Post Internship:** Preparation Of Internship Report Document &Ppt  
Suggested Reads: Mean, Average, Strength & Weakness analysis.**Text Book:**

1. "Dress Up!: New Fashion Boutique Design "Page One Publishing, 2013
2. Alice Xavier, "FASHION BOUTIQUE" Parragon, 2017.

**Reference Books**

1. Christy Wright , "*Business Boutique: A Woman's Guide for Making Money Doing What She Loves*", Ramsey Press, 2017
2. Emily A Benson, "*The Ultimate Boutique Handbook: How to Start, Operate and Succeed in a Brick and Mortar or Mobile Retail Business*", Stylish and Successful,2017

**Journals:**

1. Journal Of Textile
2. Journal Of Boutique Internship

**E Resources:**

1. <https://boutiqueeducation.asia/>
2. <https://www.websitebuilderexpert.com/>
3. <https://www.beginningboutique.com.au/pages/careers>

**CORE VII– Fashion Communication  
(For those who joined since 2021-22)****Semester: 4****Subject Code: HBFDC41****Hours/Week: 5****Credits: 4****Course Outcomes:**

CO1: Knowledge of opportunities and problems as regards the communication of clothing and fashion.

CO2: Being able to critically evaluate the fashion design work of others and provide constructive criticism for ongoing work.

CO3: Being able to deconstruct and reconstruct alternative collection developments from existing work

**Unit I****(15 hours)****Fashion and the communication process:** Define fashion process, Theories of fashion adoption need for promotion of fashion, need for the communication process and communication through different media.**Unit II****(15 hours)****Written Communication:** Fashion writing, creative writing reporting features, editing, printing techniques, image management and advertising, public relations, press laws and media ethics.

**Unit III** (15 hours)

**Visual Communication:** Fashion photography, window display and multimedia – audio, still images, animation, video footage and interactivity.

**Unit IV** (15 hours)

**Communication:** Communication in practice, Scripting shows, conducting interviews, reporting events, fashion critics, planning PR campaigns, formulating case studies, designing catalogues and brochures. Visualisation of décor and ambience, preparing short films/audio-visuals, choreography of fashion event.

**Unit V** (15 hours)

Designing of own fashion magazines/Designing of own fashion brochures by the students/designing a look book/designing a line planning.

**Text Books:**

1. Linda Welters (Editor), Abby Lillethun, “*The Fashion Reader*”, Bloomsbury Academic, 2<sup>nd</sup> Edition, 2011.
2. David Shaw, “*The Fashion Handbook*”, Published by Routledge, 2006.

**References Book:**

1. Farbey, A.D, “*How to Produce Successful Advertising*”, Kogan Page publisher, 2012.
2. Jethwaney, “*Advertising*”, Phoenix Publishing House Pvt. Ltd, 1999.
3. Byoungho Jin and Hayes, “*Fashion Branding and Communication*”, Palgrave Macmillan publisher, US, 2017

**Journals:**

1. Journal of Berlin Fashion
2. Journal of Dress, Body and Culture
3. Journal of Fashion Communication in the digital age

**Websites:**

1. <https://killervisualstrategies.com/blog/category/visual-communication-2>
2. <https://www.inc.com/encyclopedia/written-communication.html>
3. <https://www.quora.com/What-is-fashion-communication>
4. <https://photographycourse.net/the-4-different-types-of-fashion-photography/>
5. <https://www.magazinline.com/blog/best-fashion-magazines>

**CORE VIII– Construction of Men’s Apparel Practicals**  
(For those who joined since 2021-22)

**Semester: 4**

**Subject Code: HBFDC42P**

**Hours/Week: 5**

**Credits: 4**

**Course Outcomes:**

CO1: Constructs different garments of gents.

CO2: Designing, drafting and constructing the following garments for the features prescribed

CO3: List the measurements required and materials suitable. Calculate the cost of the garment

### **List of Practicals:**

Designing, drafting and constructing the following garments for the features prescribed List the Measurements required and Materials suitable Calculate the cost of the garment - Calculate the material required –Layout method and Direct measurements method

1. Knickers-flap/cargo pockets
2. Bermuda's- waist elastic / sting
3. Shorts- fly/zipper
4. Trousers features to add Zip, Pleats, Bottom , Fit
5. Shirt – Half /full sleeve
6. Kurtha - kalidar
7. Vest coats – S,B coat
8. Party Wear – pyjama kurtha

### **Text Books:**

1. Daniel Pere, “*Details Men's Style Manual: The Ultimate Guide for Making Your Clothes Work for You*”, 2007.
2. Verma and kapilDev, cutting and sewing theory, Comptech Publications, 1<sup>st</sup> edition,2009

### **Reference Book:**

1. Lori.A “ *Practicals Guide to patternmaking for Fashion Designers: Menswear*” Bloomsberry Publishing,2005.
2. K.R Zarapker, “*Zarapker system of cutting*”, Navneet publication ltd 2009
3. Adriana Gorea, Katya Roelse, Martha L, “ *A Practical Guide For Fashion Designers*”, Bloomsberry Publishing,2019.

### **Journal:**

1. Journal Of Fashion Design
2. Journal Of Patten Making
3. Journal Of Sewing Guide

### **E Resource:**

4. <https://sewguide.com/free-underwear-tutorials/>
5. <https://sewguide.com/shorts-pattern/>
6. <https://style2designer.com/pattern-cutting-cad-cam/cutting-sewing-techniques/mens-shirt-drafting-sewing-tutorial/>
7. <https://sewguide.com/stitch-a-kalidar/>
8. <https://sewguide.com/stitch-a-kurtha/>

## **CORE IX – Fashion Merchandising and Marketing (For those who joined since 2021-22)**

**Semester: 4**  
**Subject Code: HBFDC43**

**Hours/Week: 5**  
**Credits: 4**

### **Course Outcomes:**

Upon completion of this course, the student shall be able to apply

CO1: Concept of marketing and merchandizing in the apparel industry in India.

CO2: Procedure involved in the export of apparel.

CO3: Understand the purpose of marketing strategies in the industries.

### **Unit I (12hours)**

**Introduction to Apparel Business:** International apparel business pattern, basic business concepts in Indian apparel export house, business operations in China and other south Asian countries. Business patterns for Indian apparel retail and home textiles. Understanding from concept board to finished product and its sequence.

### **Unit II (12hours)**

**Marketing for Apparel and Textile Products:** Defining marketing, marketing mix the objectives of marketing department, market research, different types of markets, marketing strategies with respect to a product/brand, marketing models, B to B marketing, B to C marketing, direct marketing, digital marketing, Social media marketing blogs.

### **Unit III (12hours)**

**Introduction to Merchandising:** Definition – scope of merchandising – merchandising terminology – types of merchandising – functions of merchandising – responsibilities of the merchandiser – skill sets of the merchandiser. Creative and technical design in garments and accessories, new product development and seasons of sale, costing, coordination and communication with the production house and export house.

### **Unit IV (12hours)**

**Sourcing, Costing, Pricing :** Costing – elements of costing – importance of costing – pricing strategies – pricing formula – mark up and down – negotiations and order procurement – sourcing strategies – sourcing options – sourcing process – international sourcing and domestic sourcing – vendor identification.

### **Unit V (12hours)**

**Export Documentation and Policies:** Government policies a guide lines for apparel export and domestic trade, tax structures and government incentives in apparel trade. Export documents and its purposes, banking activities, Letter of credit, logistics and shipping, foreign exchange regulation, export risk management and insurance. Export finance and Special economic zones.

#### **Text Books:**

1. Chandrabose.D, “*Modern Marketing*”, Delhi: PHI Learning Pvt Ltd, 2006.
2. Kitty G D, “*Inside the Fashion Business*”, New Jersey: Pearson Education, 2003.

#### **Reference Books:**

1. Ruth E. Glock, Grace I. Kunz “*Apparel Manufacturing Sewn Product Analysis*” Fourth Edition, Pearson Prentice Hall, NJ, 2005.
2. Dickerson K G, “*Inside the Fashion Business*”, 7th, South Asia, Dorling Kindersley Pvt. Ltd, 2003.Print
3. Philip k, “*Principles of marketing*, New Jersey”, Pearson Education, 2013. Print

#### **Journals:**

1. Journal of Fashion Marketing and Management

2. International Journal of Design Management and Professional Practice
3. Journal of Marketing

**E Resource:**

1. <https://www.apparelbusiness.com/>
2. <https://www.fibre2fashion.com/industry-article/4597/applying-marketing-mix-modeling-in-the-apparel-business>
3. <https://www.investopedia.com/terms/m/merchandising.asp>
4. <https://future.aicpa.org/cpe-learning/course/costing-strategies>
5. [https://agriexchange.apeda.gov.in/Ready%20Reckoner/EXPORT\\_DOCUMENTATION.aspx](https://agriexchange.apeda.gov.in/Ready%20Reckoner/EXPORT_DOCUMENTATION.aspx)

**SECOND ALLIED II-Fabric Structure and Design [ Theory cum Practicals]  
(For those who joined since 2021-22)**

**Semester: 4**

**Hours/Week: 6**

**Subject Code: HBFDA44**

**Credits: 5**

**Course Outcomes:**

On successful completion of the course, the student will be able to

CO1: Identify the basics of fabric formation.

CO2: Understand functioning of different looms and their functions.

CO3: Compare the different types of knit structure and textile design.

**Unit I**

**(18hours)**

**Introduction to Weaving:** Loom and its classification, Winding, Warping, Sizing. Loom operations – objectives - shedding, picking, beat-up, let-off, take-up motions. Study of drop box. Shuttle less looms -different types

**Unit II**

**(18hours)**

**Woven fabric structure**

**List of Practicals**

Design, draft and draw peg plan for the following weaves:

1. Plain weave and its variation
2. Twill weave and its variation
3. Satin weave
4. Sateen weave
5. Honey comb weave
6. Huck-a-Back weave
7. Extra warp and Extra weft figuring

**Unit III**

**(18hours)**

**Special Woven Fabrics:** Backed Fabrics - Warp and Weft, Difference between warp and weft backed fabrics. Extra warp and extra weft figuring – single and two colours, Difference between extra warp and extra weft figuring. End uses of the above weaves. Double Cloth-Classification, warp, Weft and centre stitched double cloth. Self-Stitched- back to Face.End uses of the above weaves.

#### **Unit IV**

**(18hours)**

**Knitted Fabric Structure:** Study of knitted structure – knit, tuck, miss stitch. Study of single jersey, plain, rib, interlock and purl structure. Common defects in knitted fabrics. Comparison between knitted and woven fabrics.

List of Practicals's:

1. Single Jersey
2. Plain
3. Rib
4. Interlock
5. Purl Structure.

#### **Unit V**

**(18hours)**

**Introduction of Textile Designs:** Design developments – motifs – repeats. Types of textile design – natural, geometric, conventional, abstract and historical. Study of repeat structures – spot repeats types – brick- drop – directional – non- directional. Study of turnings patterns and its types – flipping horizontal – flipping vertical- turnings spot rotation and angles. Study of diamond and ogee- based design.

#### **List of Practicals**

1. Motif creation
2. Repeat Structures
  - a. Brick
  - b. Drop
  - c. Directional
  - d. Non-directional
3. Turning patterns
  - a. Flipping horizontal
  - b. Flipping vertical
  - c. turnings spot
  - d. Diamond and ogee-based

#### **Text Book:**

1. N.Gokarneshan, "*Fabric Structure and Design*", New Age International P Ltd, Publishers, New Delhi, 2006.
2. SabitAdanur, "*Handbook of Weaving*", Taylor & Francis, 2000.

#### **References Books:**

1. M.G. Mahadevan, "*Textiles Spinning, Weaving and Designing*", Abhishek Publications Chandigarh, First Edition, 2005.
2. W.S. Murphy, "*Textile Weaving and Design*", Abhishek Publications, Chandigarh, 2007.
3. Frederick Chipkin, "*Adobe Photoshop Elements for Textile Design*", Fred Chipkin publisher, 2010.

#### **Journals:**

1. Journal for weavers, Spinners and dyers
2. Knitting International (Open access)
3. Journal of Fabric

**E Resource:**

1. <https://www.fibre2fashion.com/industry-article/3759/facts-about-weaving-loom-types>
2. <https://textilestudycenter.com/woven-fabric-structure/>
3. [https://www.globalfabricstructures.com/products/?gclid=CjwKCAjw1JeJBhB9EiwAV612yybmklaK9RbGioYIJUrgK1fqNV2ycGOHtTXkM5GMLj0NC-oKWeB6nBoCinUQAvD\\_BwE](https://www.globalfabricstructures.com/products/?gclid=CjwKCAjw1JeJBhB9EiwAV612yybmklaK9RbGioYIJUrgK1fqNV2ycGOHtTXkM5GMLj0NC-oKWeB6nBoCinUQAvD_BwE)
4. <https://textilemerchandising.com/single-jersey-fabric-double-jersey/>
5. <https://thedesigncart.com/blogs/news/textile-designs>

**EXTRA CREDIT –Textile Processing Internship  
(For those who joined since 2021-22)**

**Semester: 4****Hours/Week:****Subject Code: HBFDX4P****Credits: 2****Course Outcomes:**

Co1: To impart knowledge on working of apparel industry

Co2: To gain practicals knowledge on different departments of apparel industry

Internship with any Textile Processing industry or company for a minimum period of 15 days. A report to be submitted for evaluation.

**Textile Documentation Objectives**

1. In depth knowledge of Textiles Processing
2. To learn research and documentation of various Processing method by visiting and meeting the workers personally.

**Documentation should contain the following**

1. Introduction
2. Aim
3. Objectives
4. Processing
5. Procedure
6. Questionnaire for survey/ information collection.
7. Results and discussion
8. Summary and conclusion
9. Bibliography

**Text Book:**

1. T.L.Vigo, “Textile Processing, and Properties” 2013.
2. J.N.Shah, “Guide to Wet processing Machines”2015.

**Reference Books:**

1. J. L. Smith, “*Textile Processing*”, Abhishek publications, Chandigarh (2003).
2. Tyrone L. Vigo, “*Textile Processing and Properties: Preparation, Dyeing, Finishing and Performance*”, Elsevier, 1997



**Journals:**

1. Journals of Textile Processing
2. Journals of Textile
3. Journals of Apparel Production

**E Resource:**

1. [www.TextileLearner.com](http://www.TextileLearner.com)
2. [www.DyeingWorld.Com](http://www.DyeingWorld.Com)
3. <https://study.com/academy/lesson/what-is-textile-finishing.html>
4. <https://www.contrado.co.uk/blog/printing-methods-differences/>
5. <https://textiletuts.com/types-of-dyeing-machines/>

**CORE X– Computer Aided Design CAD Practicals I**  
(For those who joined since 2021-22)**Semester: 5****Subject Code: HBFDC51P****Hours/Week: 4****Credits: 3****Course Outcomes:**

Co1: Design and produce basic visual communication material

Co2: Develop a logical system for managing digital files

Co3: Illustrate accurate representations of garment technical information for communication purposes

**List of Practicals:**

1. SOFTWARE Introduction and Keys
  2. Elements of Design -Line - Shape - Colour - Texture - Form
  3. Principles of Design -Emphasis - Harmony - Balance -Proportion - Rhythm
  4. Motif Creation. - Natural - Stylish - Geometric - Abstract – Traditional
  5. Accessory Design - Handbags - Footwear - Hats - Belts - Bow and Tie
  6. Textile Designing weaves structure- Dobby and jackad designs
- Create the following designs using Corel Draw

**Motifs**

1. Embroidery Designs for Kerchiefs.
2. Necklines.
3. Chest Prints.
4. T-Shirt.
5. Textile Denim
6. Natural
7. Geometric
8. Abstract
9. Stylised

**Children's Garments**

1. Jabla
2. Frocks
3. Sun Suit

### **Women's Garments**

1. One Piece Dress
2. Midi & Tops
3. Salwar Kameez
4. House Coat
5. Nighty

### **Men's Garments**

1. SB Vest
2. T-Shirt
3. Shirt
4. Kurta
5. Pant

Create Logos for Branded Companies.  
Create Label for Garments Companies.

### **Text books:**

1. Robert Hume, *"Fashion and Textile Design with Photoshop and Illustrator Professional Creative Practice"*, 1st edition, 2019.
2. Stacey Stewart-Smith, *"CAD for Fashion Design and Merchandising"*, 2010.

### **References Books:**

1. M Stott, *Pattern Cutting for Clothing Using CAD: "How to Use LectraModaris Pattern Cutting Software"*, Elsevier publication, 2012.
2. Stacy Stewart Smith, *"CAD for Fashion Design and Merchandising + Studio Access Card"* 2015

### **Journal:**

1. Journals of CAD
2. Journals of CAD Application
3. Journals of CAD Designing

### **E Resource:**

4. [www.Coreldraw.com](http://www.Coreldraw.com)
5. [www.learn.corel.com](http://www.learn.corel.com)

## **CORE XI --Event Design and Management (For those who joined since 2021-22)**

**Semester: 5**

**Subject Code: HBFDC52**

**Hours/Week: 5**

**Credits: 3**

### **Course Outcomes:**

- CO1: explain the types and principles of event management  
CO2: construct a suitable background effect using different fabrics  
CO3: compose and plan for various events CO4: apply different styles and layout for furniture and flower arrangement  
CO5: organize the event skilfully

**Unit I (12hours)**

**Principles of Project Event Management From Concept To Reality** - Understanding event management – types of events – corporate events – promotional events and celebrity events principles of event management – project selection – role of the event manager seeking sponsors – different types of sponsorship – writing sponsorship letter – budget – break – even point – profit and loss statement – balance sheet – panic payments.

**Unit II (12hours)**

**Setting the Scene** – Background Effects Creating magic with fabrics – types of fabric and specific uses – room draping and backdrops – chair and table drapery – customizing fabric effects to specific ceremonies.

**Unit III (12hours)**

**Event Design Planning**- First client meeting – building a bond and rapport – asking the right questions – presenting design brilliant strokes of inspiration – tools and resources – décor design outline – indoor and outdoor décor – lighting – choreography and audiovisual tools – design presentation process – renderings – vision / mood boards – textiles – colors.

**Unit IV (12hours)**

**Furnishing and Décor Customizing the furniture** – different styles and layouts – flower decorations – significations and selection of flowers – different types of arrangements – table arrangements – different styles and layouts – accent décor – audio visual tools.

**Unit V (12hours)**

**Organizing the Event and Safety Purpose** – venue – timing – guest list – invitations – food & drink – green room dressing and management – equipment – guest of honour – speakers – media – photographers – podium – exhibition – security – occupational safety – crowd management – major risks and emergency planning.

**Text Book:**

1. Rachel Cooper, Sabine Junginger, Thomas Lockwood, “The Design Management”, Bloomberry Publishing,2013
2. David Hands, “ Vision and Values in Design Management”, Bloomberry Publishing,2017

**Reference Book:**

1. 360 Glenn, A.J.B Ian, M. Johnny, A. Robert, H. & William, O., (2010).
2. Event Management, Oxford United Kingdom: Taylor & Francis Ltd, Butterworth Heinemann Ltd. Print James C.M., (2006) Art of the Event: Complete Guide to Designing and Decorating Special Events, Wiley: Print.

**Journal:**

1. Journals of Event Studies
2. Journals of Research and Policy For Planned Events

**E Resource:**

1. <https://www.thebalancesmb.com/what-is-event-management-4067066>
2. <https://www.picocleaners.com/blog/the-12-different-types-of-fabric/>
3. <https://www.eventmobi.com/blog/outdoor-event-planning-8-practicals-considerations/>

4. <https://www.forbes.com/sites/amandalauren/2020/10/21/accessible-custom-furniture-and-decor-is-the-next-big-interior-design-trend/?sh=54352a34e71d>
5. <https://www.eventbrite.co.uk/blog/guide-health-and-safety-for-events-ds00/>

**CORE XII– Fashion Portfolio Preparation**  
(For those who joined since 2021-22)

**Semester: 5**  
**Subject Code: HBFDC53**

**Hours/Week: 4**  
**Credits: 3**

**Course Outcomes:**

CO1: To gain knowledge about the design studio and fashion presentation.

CO2: Construct professional trend presentation boards for a potential client's needs

CO3: Identify and analyse new forecasting trends from publications and cultural events

**Unit I** **(12hours)**

**Creating Survey Boards :** Creating Mood boards- its application in designing costumes. -

Theme boards- its direct relation to creating designs of costumes.

Client boards- the study of peculiar characteristics of a client to design special costumes for him/ her.

Swatch boards- Use of swatches in surface texture of the designed costumes.

**Unit II** **(12hours)**

**Creating Lines:** Creating Lines- lines with similar themes, similar fabrics and similar surface ornamentation. -Collage Work- collage on dress, collage on background and use of collage in fashion illustration. -Theme based illustrations- themes could be picked up from nature, surroundings, objects, events, celebrities, sports, jewellery, toys, etc.

**Unit III** **(12hours)**

**Fashion Accessory Designing :** Fashion Accessory Designing -Designing and illustrating Jewellery- using various mediums like pearls, beads, gold and silver, diamonds, wires, flowers, net, etc. Designing and illustrating head gears- using various mediums like leather, cane, pearls, beads, wood, wires, velvet, flowers, net, etc.

**Unit IV** **(12hours)**

**Designing and Illustrating:** Designing and illustrating Belts using various mediums like leather, cane, pearls, beads, gold and silver, diamonds, wires, net, macramé etc. - Designing and illustrating Foot wear of all types using different mediums -Designing and illustrating Bows and ties on different dresses. -Illustrating different Hairstyles.

**Unit V** **(12hours)**

**Design Studio :** Design Studio- designing dresses based on different themes for a fashion show - Study of the basic aspects of a fashion show- the background, the lights, accessories, make-up, the fabric, surface ornamentation, etc. -Designing and illustrating lines for a fashion show.

**Text Book:**

1. Kathryn Mckelvey Blackwell *et al* ,“*Illustrating Fashion*”, 2<sup>nd</sup> edition ,John wiley @ son publication,2009.
2. Linda Tain, “*Portfolio Presentation for Fashion Designers*”, Bloomsbury Academic, 2018.

**Reference Books:**

1. Gavin Waddell Blackwell, “*Fashion Sketchbook*”,Abling Fairchild ,2005
2. Joanne Barrett,“*Designing Your Fashion Portfolio: From Concept to Presentation*”, Bloomsbury Academic, 2012

**Journals:**

1. Journal of Dress, Body and Culture
2. Journal of Berlin Fashion

**E Resource:**

1. <https://www.creativeworkers.net/by-program/services-and-training/services-for-your-organization/research-and-survey-services>
2. <https://www.swatchgroup.com/en/swatch-group/boards>
3. <https://www.arts.ac.uk/subjects/accessories-footwear-and-jewellery/short-courses/accessories/fashion-accessories-design-online-short-course-lcf>
4. <https://www.lcca.org.uk/blog/careers/what-is-the-difference-between-graphic-design-and-illustration/>
5. <https://design.studio/>

**MINI PROJECT**  
**(For those who joined since 2021-22)**

**Semester: 5****Subject Code: HBFDX5PW****Hours/Week:****Credits: 2****Course outcomes:**

CO1: Gain work experience in design development process through work experience within the industries

Design Development in form of Portfolio- 25

- a. Design brief
- b. Design inspiration – Mood board/ theme board
- c. Sourcing of Fabrics
- d. Development of Design
- e. Feedback and improvement
- f. Exam as portfolio and viva –voce

**Reference Books:**

1. Aspелund Karl , Design Process, Fairchild Publication, 2010,

2. SeivewrightSimon , Basics Fashion Design -Research and Design, Bloomsbury Publication India,2012.

**CORE XIII – Fashion Photography and Modelling [Theory cum Practicals]**  
(For those who joined since 2021-22)

**Semester: 6**

**Subject Code: HBFDC61**

**Hours/Week: 5**

**Credits: 4**

**Course Outcomes:**

CO1: Prepares students with the technical skills and hands on experience to thrive in the field.

CO2: Understanding of both photographic techniques and fashion to create visuals which represent ideas and innovation.

**Unit I**

**(15hours)**

**Introduction to Photography and Camera:** Principles of Photography – Types of photography – Basics of digital photography – Shutter speed, Aperture, ISO – Components involved in Photography – Types of cameras – Camera handling – support and accessories – Lenses – Lens filters.

**Unit II**

**(15hours)**

**Composition and Basic Lighting:** Nature of light – light source – Understanding the camera and Lighting Techniques –Primary Lighting – Soft, Accent or Secondary Lighting, Atmosphere

Lighting – types of colour – controlling intensity of light – Over and under exposures.

**Lab:**

- i) Photographs with various lightings
- ii) Photographs with various backgrounds
- iii) Golden ratio

**Unit III**

**(15hours)**

**Understanding the Human Anatomy:** Introduction – Concept of Posing – Body language and Attitude – Types of modelling walk: Cat Walk and Ramp Walk Technique – Personal style and Photogenic Skills – Grooming Etiquette.

**Unit IV**

**(15hours)**

**Modelling in Advertising:** Introduction to Fashion Modelling – Ethics of modelling – Psychology in advertising – Understanding the minds of people- Exploiting the weakness of Humanism – Modelling in advertisements.

**Unit V**

**(15hours)**

**Strategies of Fashion Photographer:** Techniques to be a successful fashion photographer – Revealing the fashion sense, expressions & emotions – Importance of background of the object – Highlighting techniques of textures – Photo editing and photo sharing techniques.

**LAB:**

- i) Close-Up shots

- ii) Long shots
- iii) Modelling snaps
- iv) Action photographs
- v) Highlighting the features of a designer costume.
- vi) Flat photography
- vii) Product photography
- viii) Ghost – Mannequin photography

**Text Books:**

1. Bruce Smith, “Fashion Photography: A Complete Guide to the Tools and Techniques of the Trade”, Amphoto Books, 2008.
2. Luis E Gonzalez, “Fashion Photography: selling to magazines”, Book tango publication, 2014.

**Reference Book:**

1. Eric Bean, Jenni Bidner, “Complete Guide for Models: Inside Advice from Industry Pros”, Lark Books, 2004.
2. Harold Koda, Kohle Yohannan, “The Model as Muse: Embodying Fashion”, Metropolitan Museum of Art, 2009.

**Journals:**

1. International Journal of Design Management and Professional Practice
2. Textile Magazine

**E Resources:**

1. <https://expertphotography.com/principles-of-design-photography/>
2. <https://photodoto.com/photography-lighting-techniques/>
3. <https://thehub.com/2018/10/10/types-of-modeling/>
4. <https://www.scribd.com/presentation/55633437/Introduction-to-Fashion-Modelling>
5. <https://expertphotography.com/the-complete-guide-to-fashion-photography-tips/>

**CORE XIV- Fashion Retailing & Research**  
(For those who joined since 2021-22)

**Semester: 6**

**Subject Code: HBFDC62**

**Hours/Week: 6**

**Credits: 5**

**Course Outcomes:**

- CO1: A broad theoretical and technological knowledge of current business and professional practices leading to marketing and merchandising fashion products both locally and globally
- CO2: Investigate, analyses and interpret trends on design, materials and trims in fashion and related industry either locally or globally
- CO3: Apply initiative and judgment in planning, problem solving and decision making in your study to demonstrate personal and professional attributes to be work ready

**Unit I**

**(18hours)**

**Retail Merchandising:** The Marketing Channel, Retail organization structures, retail merchandising , Retailing Formats - Department stores specialty stores , hard – to – classify stores, Depth and breadth, discounting , Other Retailing Formats – non store retailers.

**Unit II** (18hours)

**Retail Locations:** Unplanned shopping districts, planned shopping centres, the mix of stores in a shopping centre. Retail growth and expansion – Retail ownership. International Retailing, Retailing Advertising.

**Unit III** (18hours)

**Brands and private labels:** Branded Merchandising, Licensing, Private Labels, and Private Labels as Brands. Merchandise Resources – Manufacturers, Merchant Whole sale – Distributors. Trade Shows.

**Unit IV** (18hours)

**The financial aspects of Merchandising:** Measures of Productivity – Productivity, turnover, Stock - to – sales Ratio, sales per Square foot, Space Management. Retail pricing - Mark-up, Markdowns, Residue merchandise, maintain Mark-up. Tactical price changes, Managing Markdowns, Promotional Pricing, Deceptive pricing, Resale price Maintenance.

**Unit V** (18hours)

**Store Layout and Merchandise Presentation:** Store Planning and Design, Visual Merchandising, Store Layout, Fixtures, Merchandise Presentation, signs.

**Text Books:**

1. Ellen Diamond, “Fashion Retailing: A Multi-channel Approach, Volume 1”, Pearson Prentice Hall, 2006.
2. Dimitri Koumbis, “Fashion Retailing: From Managing to Merchandising”, Bloomsbury Academic, 2014.

**Reference Book:**

1. Tsan-Ming Choi, Bin Shen, “Luxury Fashion Retail Management”, Springer, 2016.
2. Barrack Kennedy, “Retail Marketing Theory In Fashion Retailing Context”, GRIN Verlag, 2014.

**Journals:**

1. AUTEX Research Journals
2. Journal of Fashion Technology

**E Resources:**

1. <https://www.retaildoc.com/retail-101/retail-merchandising>
2. [www.Fashion Era.com](http://www.Fashion Era.com)
3. <https://www.investopedia.com/terms/p/private-brand.asp>
4. <https://corporatefinanceinstitute.com/resources/knowledge/other/merchandising/>
5. <https://www.handystorefixtures.com/store-planning-design>

**CORE XV– Fashion Portfolio Presentation Practicals**  
(For those who joined since 2021-22)

**Semester: 6**  
**Subject Code: HBFDC63P**

**Hours/Week: 5**  
**Credits: 4**



**Course Outcomes:**

CO1: Adapt their artistic abilities to support their future design careers.

CO2: Assess, propose, and apply various techniques related to drafting, draping, and constructing of garments.

CO3: Research and relate fashion design to a broader socio economic, historical, and environmental context,

**Portfolio development and presentation technique;**

1. Collection for portfolio: Research, Forecast Study
2. To be planned for a season or occasion Theme Board, Mood board, Story board, Fabric board, colour board, Fabric board, colour board, Customer Profile, Flat Sketch Board, Accessory Board, Photographic Board, Tech Pack Presentation- Hard Copy, Soft Copy– to be presented separately or in a combined form.
3. Fabric development chart
4. Dying development chart
5. Textile Design development chart
6. Fashion illustration presentation
7. Garments in a collection – 4-6 garments children's, women & men

**Project Viva Voce**

1. Innovative and current topics should be selected by the students.
2. Students should submit their project with swatches and end uses.
3. Project should be evaluated by internal and external examiners.

**Text Book:**

1. Kathryn Mckelvey Blackwell *et al* , “*Illustrating Fashion*” , 2<sup>nd</sup> edition ,John wiley @ son publication,2009.

2. Linda Tain, “*Portfolio Presentation for Fashion Designers*”, Bloomsbury Academic, 2018.

**Reference Books:**

1. Gavin Waddell Blackwell, “*Fashion Sketchbook*”,Abling Fairchild ,2005
2. Joanne Barrett, “*Designing Your Fashion Portfolio: From Concept to Presentation*” , Bloomsbury Academic, 2012

**Journals:**

1. The Journal of Design, Creative Process & the Fashion Industry
2. The Journal of Dress, Body and Culture

**E Resource:**

1. <https://www.creativeworkers.net/by-program/services-and-training/services-for-your-organization/research-and-survey-services>
2. <https://www.swatchgroup.com/en/swatch-group/boards>
3. <https://www.arts.ac.uk/subjects/accessories-footwear-and-jewellery/short-courses/accessories/fashion-accessories-design-online-short-course-lcf>
4. <https://www.lcca.org.uk/blog/careers/what-is-the-difference-between-graphic-design-and-illustration/>
5. <https://design.studio/>

**CORE XVI - Computer Aided Design CAD Practicals II**  
(For those who joined since 2021-22)

**Semester: 6**

**Subject Code: HBFDC64P**

**Hours/Week:4**

**Credits: 3**

**Course Outcomes:**

CO1: Learn a variety of digital image making techniques applicable to the fashion industry from design conception through to manufacturing and sales

CO2: Areas covered include technical illustration, image manipulation, document design, layout and digital formatting for varied outputs and end uses.

**List of Practicals:**

**Adobe Photoshop Illustrator**

1. Design a garment for children - any 3 designs
2. Design a garment for women - any 3 designs
3. Design a garment for men - any 3 designs
4. Textile Design: Weave Structure
  - a) Dobby Design
  - b) Jacquard Design
  - c) Saree Border
  - d) Pallu

**Garuda**

1. Create a pattern, grading and prepare a marker plan for children – Bib, Summer Frock, Romper
2. Create a pattern, grading and prepare a marker plan for women – Salwarkameez, middi&middi top, maxi
3. Create a pattern, grading and prepare a marker plan for men- Full sleeve shirt, KalidharKurtha, Pyjama

**Adobe Photoshop Illustrator**

1. Converting black & white images into multicolour images
2. Create visiting card with Image mixing

**Text Books:**

1. Susan Lazear, “*Adobe Photoshop for Fashion Design*”, Pearson publication ,2011.
2. Frederick Chipkin, “*Adobe Photoshop elements for Textile Design*”, Fred Chipkin, 2010.

**References Book:**

1. M Stott,Pattern Cutting for Clothing Using CAD:“*How to Use LectraModaris Pattern Cutting Software*”, Elsevier, 2012.
2. Stacy Stewart Smith, “CAD for Fashion Design and Merchandising + Studio Access Card” 2015

**Journal:**

1. Journals of CAD
2. Journals of CAD Application
3. Journals of CAD Designing

**E Resource:**

1. [www.Adobeforofashion.com](http://www.Adobeforofashion.com)
2. [www.helpx.adobe.com](http://www.helpx.adobe.com)

**ELECTIVE I a. - Apparel Quality Control**  
**(For those who joined since 2021-22)**

**Semester: 5**

**Hours/Week: 5**

**Subject Code: HBFDE5A**

**Credits: 5**

**Course Outcomes:**

The students will have understanding on principles of marketing, factors affecting domestic and international market, fashion trends and consumer behaviour.

CO1: Understand the relationship of forecasting to product development and the need for forecasting knowledge for all aspects of apparel and textile businesses.

CO2: Integrate consumer, aesthetic and quantitative trend information into the product development process.

CO3: Engineer new value into an existing product or line while holding costs.

**Unit I (15hours)**

**Apparel Quality:** Quality – Definition – Objectives-Importance of quality - Quality terminologies-No Inspection-100% Inspection-Spot checking-Arbitrary Sampling-statistical sampling - specifications sheet.

**Unit II (15hours)**

**Quality Standards:** Standards-Introduction- Benefits of Standards-Levels of Standards-Sources of Standards-ASTM-AATCC- ANSI-BSI-ISO-OEKO.

**Unit III (15hours)**

**Inspection:** Inspection- Raw material inspection – fabric inspection – 4 point system, 10 point system -Sewing Thread-Zippers- Buttons, Buckles and Snap fasteners Interlining. In process inspection-Spreading-Cutting-Sewing-Control of Fusing Operation-Control of Screen Printing Operation- Control of Embroidery Operation-Pressing, Final Inspection.

**Unit IV (15hours)**

**Managing Quality:** Managing Quality through Inspection- Managing Quality through Testing-Seven Tools of Quality-Cause and effect Diagram-Check sheet-Control chart-Flow chart-Histogram-Pareto Chart-Scatter diagram.

**Unit V (15hours)**

**Fabric Defects:** Fabric defects-Definition-Self descriptive defects-Types of defects-Baggy – Bar –Balk –Bowed Filling -chafe- Fly-Hitch back-Jerked in filling- Pick out mark –Shaded – Smash -Temple marks-Tentering.

**Textbooks:**

1. Regan, C. L. “*Apparel Product Design & Merchandising Strategies*”, Upper Saddle River, New Jersey: Pearson Prentice Hall, 2008.
2. JanaceBubonia, “*Apparel Quality: A Guide to Evaluating Sewn Products*”, Bloomsbury publication , 2016

**Reference Books:**

1. Maurice J.Johnson& Evelyn C Moore, “*Apparel Product Development*”, Prentice Hall Inc., 2001.
2. Pradip,V.Mehta,Dr.Rajesh Bheda, Rakhi Handa, Paul F.Bowes, G.Jayapal Nair and Late Dr.Rams, “*Quality Tools Implementation in Apparel Manufacturing*”, Apparel Design PVT limited,2020.
3. Rajikishore Nayak, Rajiv Padhye, “*Garment Manufacturing Technology*”, 2015.

**Journals:**

1. Online Journal of the International Fashion and Apparel Industry
2. Research Journal of Fashion Technology

**E Resources:**

1. <https://www.hqts.com/apparel-quality-control-standards-and-procedures/>
2. <https://asq.org/quality-resources/learn-about-standards>
3. <https://www.intertek.com/textiles/inspection/>
4. <https://www.woolwise.com/wp-content/uploads/2017/05/07.2-Textile-Quality-Management-Notes.pdf>
5. <https://www.onlineclothingstudy.com/2019/02/classification-of-fabric-defects.html>

**ELECTIVE I. b -Apparel Production Management  
(For those who joined since 2021-22)****Semester: 5****Hours/Week: 5****Subject Code: HBFDE5B****Credits: 5****Course Outcomes:**

- CO1: Understand the organization and structure of the global textile/apparel complex.
- CO2: Develop textile/apparel products for specific target markets to meet expectations for cost and quality (materials, performance, and aesthetics).
- CO3: Demonstrate effective leadership, teamwork, and communication skills.
- CO4: Plan, develop, and present merchandise lines for identified market segments

**Unit I****(15hours)**

**Human Resource Development** :Introduction to Structure and Sectors of Clothing Industry - Job Analysis and Description – Job Specification – Recruitment and Selection – Kinds of Interview - Purpose of Appraisal – Criteria of Appraisal – Methods of Appraisal Methods – Limitations – Human Resource Development Methods and Processes – Sewing Room Supervisor’s Job and Training Needs - Human Resource Development in Indian Apparel Industry.

**Unit II (15hours)**

**Plant Engineering & Line Balancing:** Introduction to Garment Industry Plant Location – Location Economics – Plant Layout – Process Layout – Product Layout – Combination Layout – Introduction to Balancing Theory – Balance Control – Balancing Exercises for Garment Industry.

**Unit III (15hours)**

**Work Study Concept and Need :**Method Study and Work Measurement –Techniques – Process Chart Symbol – Process Flow Chart – Flow Diagrams – String Diagrams – Multiple Activity Chart – Principles of Motion Economy – SIMO Chart – Time Study Methods – Standard Time Data – Ergonomics with Special Reference to Garment Industry.

**Unit IV (15hours)**

**Methods of Production Systems:** Production and Productivity Methods of Production Systems – Job, Mass & Batch –Section Systems, Progressive Bundle System &Synchro“ System – Conveyor Systems – Unit Production System – Quick Response. Productivity Concepts – Measurement of Productivity– “Man Machine Material” – Criteria for Increasing Productivity.

**Unit V (15hours)**

**Production Planning and Control:** Function, Qualitative and Quantitative Analysis of Production - Coordinating Departmental Activities - Basic Production Systems - Evaluating and Choosing the System - Flow Process and Charts for Garment - Scheduling Calculations - Assigning Operators Optimally - Setting Up Complete Balanced Production Lines to Produce Given Amount of Garments

**Text Books:**

1. Paula J. Myers-McDevitt, “Apparel Production Management and the Technical Package”, Bloomsbury Academic, 2010.
2. Richard Blackburn, “Sustainable Apparel: Production, Processing and Recycling”, Woodhead Publishing, 2015

**References Books:**

1. Jacob Solinger- “Apparel Manufacturers Handbook”, CRC Press, 2015.
2. Subramanian SenthilkannanMuthu, “Sustainable Innovations in Apparel Production”, Springer, 2018.
- 3.

**Journal:**

1. Journal of Textile and Apparel, Technology and Management. (JTATM)
2. Research Journal of Textile and Apparel (RJTA)

**E Resources:**

1. <https://unevoc.unesco.org/home/human+resource+development&context=>
2. <https://apparelresources.com/business-news/manufacturing/apparel-plant-layout-basics/>
3. <https://www.businessmanagementideas.com/production-management/work-study-definition-need-and-advantages-production-management/9592>
4. <https://www.britannica.com/technology/production-system>
5. <https://www.managementstudyguide.com/production-planning-and-control.htm>

**ELECTIVE II a. World Textiles and Costume**  
**(For those who joined since 2021-22)**

**Semester: 5**  
**Subject Code: HBFDE5C**

**Hours/Week: 5**  
**Credits: 5**

**Course outcomes:**

CO1: Obtain basic knowledge on World Textiles

CO2: Understand the techniques used for different World Textiles

CO3: Understanding the regional variation on Costumes in Africa, America, Europe and Far eastern countries

CO4: Recreating knowledge gained by developing period costumes using drapes

**Unit-I** **(15Hours)**

**History of Textiles & Costume:** Introduction: Pre-historic reference- development- adoption of fibrous apparel- initial manufacture of clothes. Earlier decoration of textiles- hand printing-screen printing-roller printing

**Unit II** **(15Hours)**

**European & Eastern Textiles:** European Textiles French Textiles- Linen in France- the French Renaissance- Motifs- the Rococo Style-Toile de jouy. Far East Textiles Chinese Textiles-Silk- Motifs and designs- Animal motifs-The tiger-dragon, phoenix and unicorn Middle East Textiles, Textiles of Egypt, African Textiles, and Motifs of Egyptian Fabrics-Coptic textiles-Tapestry weaving.

**Unit III** **(15Hours)**

**Costumes of European countries:** Costumes of European countries –Italy, France, Greece, Roman, Sweden & Germany

**Unit IV** **(15Hours)**

**Costumes of Far Eastern Countries:** Japan, Korea, Srilanka, Pakistan, Malaysia, China, Burma, Thailand & Philippines.

**Unit V** **(15Hours)**

**American & African Costumes:** North and South America –Men & Women costumes of difference states of America. Popular African costumes

**Text Books:**

1. PoojaKhurana and Monika Sethi, *Introduction to Fashion Technology*, Laxmi publications, India, 2007..
2. Jenny Davis,,*A Complete Guide to Fashion Designing*, First Edition, Abhishek Publications, Chandigarh, 2006.
3. Kathryn Mckelvey and Janine munslow, *Fashion design process innovation and practice*, Wiley Publications, New Jersey, 2012.

**Reference Books:**

1. Anmolroy, *Fashion designing and technology*, Sonali Publications, New Delhi, 2011.
2. Michale M. Granger, *Fashion the Industry and its careers*, Second Edition, A division of conde Nast Publications, New York, 2012.

3. Dorling Kindersley, *Fashion, the Ultimate Book of Costume and Style*, Dorling Kindersley Limited, London, 2012.

**Journals:**

1. Journal Of Encyclopedia Of Nation Dress
2. Journal Of International Textile
3. Journal Of Survey Of Historic Costume

**E Resources:**

1. <https://web.uri.edu/business/about/tmd/collection/>
2. <https://journals.indexcopernicus.com/search/details?id=7736>
3. <https://www.mappr.co/thematic-maps/traditional-clothes-by-european-countries/>
4. <https://www.britannica.com/topic/dress-clothing/The-history-of-Eastern-dress>
5. <https://fashion-history.lovetoknow.com/clothing-around-world/african-american-dress>

**ELECTIVE II b. Entrepreneur Development**  
(For those who joined since 2021-22)

**Semester: 5**

**Subject Code: HBFDE5D**

**Hours/Week: 5**

**Credits: 5**

**Course Outcomes:**

CO1: Develop entrepreneurship skills among the students in textile field.

CO2: Familiarize the students with the process and procedure of setting up, new enterprises.

**Unit I (15Hours)**

**Scope of Entrepreneurship:** Introduction to entrepreneurship, development of entrepreneurship, role of entrepreneurs in development of apparel and fashion industry, entrepreneurship with reference to fashion and apparel industry in India.

**Unit – II (15Hours)**

**Organizations:** Entrepreneurial support by state, central financial institutions, organizations. Government policies with reference to textile and apparel industry.

**Unit – III (15Hours)**

**Entrepreneurship in apparel industry:** Business planning – Starting a new venture related to apparel industry, essentials of a successful centre; Location & plant layout-factors, influencing plant location, building, structure, lighting, ventilation, material handling, availability of labour, material management and transportation.

**Unit IV (15Hours)**

**Industrial Management:** Industrial sickness and remedies, tax planning, VAT, Patent Rules, Factory Act, Minimum wages, knowledge of exemptions & deductions. Health and safety Measures in Textiles and garment industries.

**Unit V (15Hours)**

**Management and the entrepreneur-** Equipment Management, Inventory control-production  
Control- quality control, cost control and business communication.

**Text Books:**

1. Dr.N.Rajan Nair, Sajith R. Nair Marketing, Sutanchand and Sons, New Delhi, 2002.
2. Vasant Desai, Project Management and entrepreneurship, Himalaya Publishing House, New Delhi, 2009.

**Reference Books:**

1. H.B.S. press, Harward Business Review on Entrepreneurship Harward business review, USA
2. David H.Moli, Entrepreneurship, prentice Hall of India, New Delhi, 2012.
3. Frank Jerkins, Advertising, prentice Hall of India, New Delhi, 2000

**Journal:**

1. Journal of entrepreneurship
2. International journal of Entrepreneur and Innovation

**E Resources:**

1. <https://thegriffitfund.com/entrepreneurship-definition/describe-principles-concept-scope-entrepreneurship/>
2. <https://textilevaluechain.in/news-insights/policies-that-led-to-the-growth-of-textile-and-garment-industry-in-india/>
3. <https://www.apparelentrepreneurship.com/about-us/>
4. <https://textilevaluechain.in/news-insights/design-management-in-textile-industry/>
5. <https://news.gcase.org/2011/10/24/what-is-entrepreneurial-management/>

**ELECTIVE III. a– Home Furnishing  
(For those who joined since 2021-22)****Semester: 6****Subject Code: HBFDE6A****Hours/Week: 5****Credits: 5****Course Outcomes:**

Upon completion of this course, the student shall be able to

CO1: Know about different types of home textiles

CO2: Understand the production method of different types of home textile products

**Unit I****(15hours)**

**Introduction to Furnishings:** Developments in Textile Furnishing – Type of Furnishings Materials – Woven and non-woven – Factors affecting Selection of Home Furnishings.

**Unit II****(15hours)**

**Floor Coverings:** Recent Developments in manufacturing of floor coverings -Hard Floor Coverings, Resilient Floor Coverings, Soft Floor Coverings, Rugs, Cushion and Pads – Care of floor coverings.

**Unit III****(15hours)**

**Curtains and Draperies:** Advances in Home decoration -Draperies – Choice of Fabrics – Curtains – Types of Developments in Finishing of Draperies – Developments in tucks and Pleats and uses of Drapery Rods, Hooks, Tape Rings and Pins.



**Unit IV** (15hours)

**Home Furnishing:** Advances in period style in, Different styles, and use of Colours, design & texture in home furnishing. Developments in living room furnishing including upholstery, Wall Hangings, Cushion, Cushion Covers, Bolster and Bolster Cover.

**Unit V** (15hours)

**Bed Linens :**Advances in the production of – Different Types of Bed Linen – Sheets – Blankets – Blanket Covers – Comforts – Comfort Covers – Bed Spreads – Mattress and Mattress Covers – Pads– Pillows.

**Textbooks:**

1. Virginia HenckenElsasser, Julia Sharp, *Know Your Home Furnishings*, 2<sup>nd</sup> edition, 2017.
2. V. Ramesh Babu , S. Sundaresan, *Home Furnishing (Woodhead Publishing India in Textiles)*, 2018.

**Reference Books:**

1. DK- *“Pillows, Curtains, and Shades Step by Step: 25 Soft-Furnishing Projects for the Home”*, 2017.
2. Dorothy Wood, *“Sew Your Own Soft Furnishings”*, South water Publisher, 2010.

**Journals:**

1. Home Textiles Today
2. Journal of Textile Research

**E Resources:**

1. <https://blog.fieldtexcases.com/woven-and-non-woven-textiles/>
2. <https://www.britannica.com/technology/floor-covering>
3. <https://www.thespruce.com/what-are-curtains-drapes-shades-and-blinds-4067656>
4. <https://www.hometown.in/home-furnishings>
5. <https://www.merriam-webster.com/dictionary/bed%20linen%28s%29>

**ELECTIVE III b– Textile Testing**  
(For those who joined since 2021-22)

**Semester: 6**

**Subject Code: HBFDE6B**

**Hours/Week: 5**

**Credits: 5**

**Course Outcomes:**

Co1: Able to apply the statistical tools in textile testing

Co2 Know the test of significance in textile testing

Co3 Able to perform the measurement and evaluation of basic fibre properties

**Unit I** (15hours)

**Introduction to testing:** Terminology of testing - Selection of samples for testing: fibre, yarn and fabric sampling. Standard RH and temperature for testing - Measurement of Moisture regain - Conditioning oven & Shirley Moisture meter.

**Unit II** (15hours)

**Fibre Testing:** Cotton fibre length - Baer Sorter, Fineness Sheffield micronaire, Maturity, Caustic Soda swelling, Strength - Pressley bundle strength tester, Stelometer. Determination of trash and lint in cotton - Shirley trash analyzer.

**Unit III** (15hours)

**Yarn Testing:** Determination of yarn count – quadrant, Analytical & Beesley balance. Twist – Direction of twist and amount of twist, Twist effect on fabric properties. Strength of yarn- Single yarn strength tester. Crimp – Shirley crimp tester. Yarn appearance tester. Evenness – Uster Evenness tester, Hairiness – Uster Hairiness tester.

**Unit IV** (15hours)

**Fabric Testing:** Fabric Testing: Fabric strength tester – Tensile strength, tearing strength & bursting strength. Abrasion – Types of abrasion – pilling – Martindale pill box tester. Drape – Drape meter, Fabric stiffness - Shirley stiffness Tester, crease recovery – Shirley crease recovery tester. Thermal conductivity, water absorbency test, Water repellence tester.

**Unit V** (15hours)

**Garment Testing:** Seam strength, Dimensional Stability, Spirally; Accessories Testing: Zipper, Buttons, Sewing thread, Peel bond strength. Colour Fastness of Textiles - Crocking test, perspiration test, sunlight, laundering, dry-cleaning, Computer Colour Matching – Colour measurement and Whiteness Index.

**Text Books:**

1. Angappan P and Gopalakrishnan R, “*Textile Testing*”- SSM Institute of textile technology, 2001
2. Amutha.K, “*A Practicals Guide to Textile Testing*”- Wood head Publishing India Pvt.Ltd. New Delhi 2016

**References Books:**

1. Mishra S. P. and Kesavan B. K, “*Fiber Science*”, SSM Institute of textile technology, 2001
2. J.E. Booth, “*Principles of textile testing*”, C.B.S publishers & distributors, New Delhi, 2008.

**Journals:**

1. Journal of Textile Research
2. International Journal of Textile Science Research

**E Resources:**

1. <https://study.com/academy/lesson/textile-testing-terminology.html>
2. <https://textilelearner.net/classification-of-textile-testing-fiber-testing-yarn-testing-fabric-testing/>
3. <https://textilelearner.net/classification-of-textile-testing-fiber-testing-yarn-testing-fabric-testing/>

4. <https://textilelearner.net/classification-of-textile-testing-fiber-testing-yarn-testing-fabric-testing/>
5. <https://atira.in/fabric-garment-testing/>

**SKILL BASED ELECTIVE- Fibre to Yarn**  
(For those who joined since 2021-22)

**Semester: I**

**Hours per Week: 2**

**Subject Code: HBFDE14**

**Credit: 2**

**Course Outcomes:**

On successful completion of the course, the student will be able to

**CO 1:** familiarize about natural and man-made fibres

**CO 2:** awareness about its classification and its uses

**CO 3:** understanding the manufacturing process

**CO 4:** to analyse the yarn classification and its types

**Unit I**

**(12hours)**

**Introduction to Textile Fibres:** Introduction to the field of textiles- classification of fibres – natural and synthetic – according to their nature and origin – essential and desirable properties of textile fibres – staple and filament – comparison of natural and manmade fibres.

**Unit II**

**(12hours)**

**Natural Fibres:** Cotton fibres – properties and uses – jute fibre – extraction, properties and uses – flax fibre, hemp fibres – properties and uses – silk fibre – life cycle of silk worm – silk reeling and throwing – properties and uses – wool fibre – varieties of wool – differences between – worsted and wool fibre – properties and uses – brief study of hair fibres.

**Unit III**

**(12hours)**

**Man made Fibres:** Regenerated fibres – viscose rayon – manufacturing process - properties and uses – modal, lyocell, bamboo - synthetic fibres – polyester manufacturing process – properties and uses – nylon 6 and 6,6 – properties and uses – polypropylene, acrylic.

**Unit IV**

**(12hours)**

**Yarn Manufacturing Process:** Spinning –Definition, Classification – Chemical and mechanical spinning –blending, opening, cleaning, doubling, carding, combing ,drawing ,roving ,spinning.

**Unit V**

**(12hours)**

**Yarn and its classifications:** Definition, Classification – yarn twist , types and effects, simple and fancy yarns-Quality parameters while sourcing yarn - Sewing threads and its properties.

**Text Book:**

1. “Textile Testing: Fibre, Yarn & Fabric”, Arindam Basu, South India Textile Research Association, 2006
2. “Textile Testing”, Jewel, Jewel Raul, APH Publishing,2005

**Reference Books:**

1. S.P.Mishra, “A Text Book Of Fibre Science and Technology”,2000
2. Clarence Hutton, “Textile World Kind Book”,2015

3. Abhijit Majumdar, Apurba Das, R Alagirusamy, V K Kothari, "Process Control In Textile Manufacturing", 2012

**Journal :**

1. Journal of Textile Design Research and Practice
2. Journal of Natural Fibers
3. Journal of Textile Testing

**E Resource:**

1. [https://edurev.in/studytube/Class-Notes-Fibre-to-Fabric/5dc96315-111b-4625-bc82-d1777f820f9a\\_t](https://edurev.in/studytube/Class-Notes-Fibre-to-Fabric/5dc96315-111b-4625-bc82-d1777f820f9a_t)
2. <http://www.fibre2fashion.com/industry-article/7650/fibre-to-fabric-manufacturing-process-of-wool>
3. <https://www.leichtfried-loden.com/en/from-fibre-to-fabric/#step-dyeing>
4. [http://www.nios.ac.in/media/documents/SecHmscicour/english/Home%20Science%20\(Eng\)%20Ch-10.pdf](http://www.nios.ac.in/media/documents/SecHmscicour/english/Home%20Science%20(Eng)%20Ch-10.pdf)
5. <https://textilelearner.net/concept-of-yarn-manufacturing-process/>

**SKILL BASED ELECTIVE – Surface Embellishment Practicals  
(For those who joined since 2021-22)**

**Semester: 2**

**Subject code: HBFDE24P**

**Hours/week: 2**

**Credit : 2**

**Course Outcomes:**

On successful completion of the course, the student will be able to

CO1: outline the basic embroidery stitches

CO2: analyse the different methods of surface ornamentation techniques

CO3: identify and represent traditional embroideries of India using basic stitches

CO4: recommend the appropriate surface embellishment techniques to enhance the value of home furnishing and apparel fabrics

CO5: design and develop appropriate designs for embroidery in textile products

**LIST OF EXPERIMENTS:**

**(15 hours)**

**1. Introduction to embroidery stitches**

**2. Basic embroidery stitches:**

- a. Line stitches – running and its variation – whipped running – looped running – stepped thread – back stitch – stem stitch – couching.
- b. Loop stitches – chain stitch and its variations – detached – lazy daisy stitch – square chain
- c. Filling stitch – satin – long and short – seeding – french knot – bullion knot – fly stitch
- d. Cross stitch – cross stitch – herring bone – double herring bone – close herring bone.
- e. Edging stitch – buttonhole and its variations – blanket – closed buttonhole.
- f. Feather stitch – fish bone

**3. Surface ornamentation techniques (10 hours)**

Applique work – cut work – patch work– bead – sequins – ribbon works – aari – zardozi.

**4. Traditional embroidery: (20 hours)**

- a. Kantha of Bengal
- b. Kashida of Kashmir
- c. Embroidery of Gujarat
- d. Phulkhari of Punjab
- e. Chikankari of Uttarpradesh
- f. Kasuti of Karnataka

**5. Application of the surface Embellishment in the following:**

- a. Home furnishing
- b. Garment

**Text book:**

1. Sherry Steveson, “The scrapbook Embellishment”,2009
2. Carol Zentgraf, “Emblishment For Adventurous Sewing, Creative Publishing International”,2013

**Reference book:**

1. Haxell, Kate, (2012). The Stitch Bible: A Comprehensive Guide to 225 Embroidery Stitches and Techniques. U.K.: David & Charles. Print.
2. Kooler, (2000). Donna Encyclopedia of Needlework, U.S.A: Leisure Art Inc. Print
3. Fashion Embroidery, Jessika pile, Batsford Publishing, 2018.

**Journal:**

1. Journal of Textile Science
2. Journal of Surface Design
3. Journal of Application Techniques

**E Resource:**

1. <https://thedesigncart.com/blogs/news/the-beautiful-details-of-surface-ornamentation>
2. <https://thedesigncart.com/blogs/news/surface-ornamentation-history-and-types>
3. <https://sosopoetry.blogspot.com/2018/08/fabric-surface-embellishment-techniques.html>
4. <https://www.achievementlearn.com/cloth-surface-embellishment-techniques/>
5. <https://archive.hs.iastate.edu/past-exhibits/on-the-surface-textile-embellishment-techniques/>

**SKILL BASED ELECTIVE -Draping Techniques Practicals  
(For those who joined since 2021-22)**

**Semester: 3**

**Subject Code: HBFDE34P**

**Hours/Week: 3**

**Credits: 2**

**Course Outcomes:**

CO1: To acquire the skill of draping on dress form by introduction to terminology, fundamentals and Advanced techniques of draping

CO2: Introduction about custom fitted, basic pattern to prepare many different styles

CO3: To develop the structure of a garment design using draping techniques

### List of Practicals

#### Basics

1. Introduction to draping and dress forms
2. Preparation of fabric for Draping
3. Draping
4. Converting or Truing the Pattern
5. Pattern Development
6. Construction of Garment
7. Tops and leggings garment on dress form

#### Advanced

Draping and Garment construction for men, women and children's wear with Design Variations Kimono, Raglan Sleeve Designs, Princess Shapers, Collars, Cowls, Pleats, Flounces, Ruffles.

1. Draping of bodice blocks variation: Bustier, Asymmetric bodice, off shoulder design, halter.
2. Draping basic sleeve
3. Draping basic skirts- one piece basic skirt, gored skirt, flared skirt, pleated skirt.
4. Draping basic Shirt
5. Draping yokes, Shirt yoke and midriff yoke
6. Draping collars- Peter pan, Mandarin and Shirt Collar
7. Waist line variation: Empire, lowered, pointed and princess bodice.

#### Text Books:

1. Abling, Bina and Maggio, Kathleen, "*Integrating draping, drafting and drawing, Fairchild Books publisher*", 2008.
2. Helen Joseph-Armstrong, "*Draping for Apparel Design*", Fairchild Books publisher, 2<sup>nd</sup> edition, 2007.

#### Reference Book:

1. Hilde Jaff and NurieRelis- "*Draping for Fashion Design*". Pearson publisher; 5<sup>th</sup> edition, 2011.
2. Connie Amaden-Crawford – "*The Art of Fashion Draping*", Fairchild Book publisher, 4<sup>th</sup> edition, 2012.
3. Franca Stralacci, *Draping Techniques for Beginners*, Laurence King Publishing, 2019.

#### Journals:

1. Textile Research Journal
2. International Design Journal
3. Journal of Pattern Making

#### E Resource:

1. <https://style2designer.com/apparel/draping-mannequin/what-is-draping-technique-and-its-process/>
2. <https://fabricalchemist.com/2017/06/11/draping-3-sleeves/>

3. <https://www.universityoffashion.com/wp-content/uploads/2013/06/StraightSkirtSloper.pdf>
4. <https://www.universityoffashion.com/wp-content/uploads/2013/06/YokeDirndlSkirt.pdf>
5. <https://www.moodfabrics.com/blog/intro-to-draping-dress-form-muslin-basics/>

**SKILL BASED ELECTIVE- Fashion Accessory Designing Practicals  
(For those who joined since 2021-22)**

**Semester: 4**

**Hours/Week:3**

**Subject Code: HBFDE45P**

**Credits: 2**

**Course Outcomes:**

CO1: To foster personal inspiration to design apparels with basic silhouettes

CO2: Provides a brief analysis of how trends influence a contemporary collection

**List of Practicals:**

Prepare the following Accessories the using the available raw materials / any base material in Traditional, Retro , Ethnic and Fashion styles.

1. Hand bags –4 varieties
2. Purses / Wallets / Cell Phone covers - . 4 varieties
3. Chains I Necklaces - 5' models
4. Bangles / Bracelets / Watches - 5 models
5. hats/caps - 5 models
6. Ear rings - 5 models/Hair band
7. Finger rings / toe rings- 5 models
8. Belts - 5 models

**Text Books:**

1. Aneta Genova, “Accessory Design”, 1st edition, Fairchild book publisher, 2011.
2. John Lau, “*Basics Fashion Design 09: Designing Accessories Exploring the design and construction of bags, shoes, hats and jewellery*”, 1<sup>st</sup> edition, 2012.

**Reference Book:**

1. Vee Powel, “How to Make Hats and Accessories - Instructions for Making Vintage 1940s Fashions”, 2009.
2. Jane Schaffer, Sue Saunders, “Fashion Design Course: Accessories”, Barron's, 2012.
3. Gitte Blass, “Making Your Own Accessories and Jewelry”, 2017

**Journals:**

1. Journals of Accessory Design
2. Journals of Designing
3. Journals of Fashion Designing

**E Resource:**

1. <https://www.thesewingdirectory.co.uk/bag-making/>
2. <https://www.craftscouncil.org.uk/learning/craft-careers/how-become-chain-maker>
3. <https://www.diys.com/bangle-designs/>
4. <https://www.craftionary.net/caps-hats-for-women-diy/>
5. <https://www.goldbarkleather.com/sourceblog/diy-belt-guide>

**SKILL BASED ELECTIVE – Textile Dyeing and Printing Practicals**  
(For those who joined since 2021-22)

**Semester: 5**

**Subject Code: HBFDE54P**

**Hours/Week: 3**

**Credits: 2**

**Course Outcomes:**

CO1: Understand the various textile printing processes

CO2: Designing of fabric used in clothing, house hold textiles, decorative textiles and others.

CO3: To create innovative surfaces and structures on fabric.

**List of Practicals:**

1. Preparation of sample for printing.
  - Cotton
  - Polyester
  - Silk.
2. Preparation of printing paste.
3. Create Design with Block printing – Vegetable/ wooden blocks
4. Create Design for Chest print/ Neck /Yoke designs with Stencil printing.
5. Tie and Dye Designs with any three methods with single/ double/ Multi colours.
6. Batik printing with any three methods with single/ double/ Multi colours.
7. Print a Design using Screen printing methods.

**Text Books:**

1. Needles. H.L, “*Textile Fibres, Dyes, Finishes and Processes*”, Noyes Publications, 2011.
2. Smith. J.L, “*Textile Processing, Printing Dyeing, Finishing*”, Abhishek Publications, Chandigarh, 2006.

**Reference Books:**

1. Singh K.V.P, “*Elementary Idea of Textile Dyeing, Printing and Finishing*”, Kalyani Publishers, 2009.
2. Corbman. B.P, “*Textile Fiber to Fabric*”, HILL International Edition, 6<sup>th</sup> Edition, 2009.
3. Sara J Radolph and Anna L Langford, “*Textiles*”, Prentice hall, New Jersey 2002.
4. J L Smith, “*Textile processing*”, Abhishek publications, Chandigarh 2003.

**Journals:**

1. Research Journal of Textile and Apparel (RJTA)
2. Journal of Colour research & Application

**E Resources:**

1. <https://textilelearner.net/typical-preparatory-process-of-dyeing/>
2. <https://www.textilestudent.com/the-functions-of-ingredients-are-used-in-printing-paste/>



3. <https://www.printing.com/nz/services/2018/06/27/5-ways-beat-creative-block/>
4. <https://www.printing.com/nz/services/2018/06/27/5-ways-beat-creative-batik/>
5. [https://www.printing.com/nz/services/2018/06/27/5-ways-beat-creative-screen print/](https://www.printing.com/nz/services/2018/06/27/5-ways-beat-creative-screen-print/)

**SKILL BASED ELECTIVE – Fashion Styling Practicals**  
(For those who joined since 2021-22)

**Semester: 6**

**Hours/Week: 3**

**Subject Code: HBFDE65P**

**Credits: 2**

**Course Outcomes:**

CO1: Acquire the skills to develop design capability in lifestyle products and objects

CO2: Understand user behavior and identify trends

CO3: Cultivate aesthetic sensibilities and build on craftsmanship skill.

**List of experiments:**

1. **Introduction to Fashion Styling:** Design collection and presentation on various styles of fashion.
2. **Concept of Styling:** Color Matching, Accessories Coordination, Mix and Match
3. **Hairdo:**
  - i) Highlighted Messy bun with Long Side – Swept Bang
  - ii) Side Fish-tail braided hairdo
  - iii) French braid
  - iv) French twist
  - v) Poof voluminous ponytail
4. **Eye Makeup:** Classic, Smokey, Retro, Lashy, Golden shadow, Lens and shine. 6 hrs.
5. **Fashion theme makeover:**
  - i) Classic
  - ii) Retro
  - iii) Rustic
  - iv) Vibrant colors
  - v) Dewy
6. **Back Stage Activity of Various Events** (Fashion shows, Advertisements, Cultural events, wedding):
  - i) Situation handling
  - ii) Technical tips – Ironing, Tacking, Quick stitches and draping.

**Text Books:**

1. Elizabeth Galton, “*Basics Fashion Design 10: Jewellery Design: From Fashion to Fine Jewellery*”, A&C Black publisher, 2012.
2. Gillian Armour, “*Fashion Stylist: A how to Guide*”, Gillian Armour Design, 2010

**Reference books:**

1. Jacqueline McAssey, Clare Buckley, “*Basics Fashion Design 08: Styling*”, A&C Black publisher, 2011
2. Elizabeth Galton, “*Jewellery Design: From Fashion to Fine Jewellery*”, Bloomsbury publisher, 2016

**Journal:**

1. Journal Of Styling
2. Journal Of International Fashion Designing

**E Resources:**

3. <https://alexandrastylist.com/define-stylists-what-do-they-really-do/>
4. [https://www.medicinenet.com/what\\_are\\_the\\_four\\_types\\_of\\_hair/article.htm](https://www.medicinenet.com/what_are_the_four_types_of_hair/article.htm)
5. <https://www.maybelline.com/eye-makeup>

XVII ACADEMIC COUNCIL