

Department of Fashion Designing

B.Sc., COSTUME DESIGN AND FASHION COURSE PROFILE

From 2021 batch onwards

Sem	Course Code	Course Title	Course Type	Hrs./Wk.		Credits	Passed in Academic Council	Offered to	Offered by
				TH	LA				
I	PART I	TAMIL / HINDI / FRENCH	TH	6		3 or 4		ALLM	TAM / HIN / FRE
	PART II	ENGLISH	TH	6		3 or 4		ALLM	ENG
	CDF1401CM	FIBRE AND YARN SCIENCE	TH	4		4		SUFDS	FDS
	CDF1401FM	PRINCIPLES OF PATTERN MAKING AND GRADING	TH	4		4		SUFDS	FDS
	CDF1201CP	FUNDAMENTALS OF CLOTHING CONSTRUCTION	LA		4	2		SUFDS	FDS
	CDF1202CP	BASIC FASHION ILLUSTRATION	LA		4	2		SUFDS	FDS
	VBC1101FV	HEALTHY TRANSITION FROM ADOLESCENCE TO ADULthood	TH	2		1		ALLM	Centre for VE
	UIV1101FV	BIBLICAL ESSENTIALS FOR EMERGING ADULTS						AUCH / SUCH	
		TOTAL		22	8	19/21			
II	PART I	TAMIL, HINDI, FRENCH	TH	6		3 or 4		ALLM	TAM / HIN / FRE
	PART II	ENGLISH	TH	6		3 or 4		ALLM	ENG
	CDF2301CM	FASHION STUDIES	TH	3		3		SUFDS	FDS
	CDF2301CP	KIDS WEAR	LA		5	3		SUFDS	FDS
	CDF2401AP	ADVANCED FASHION ILLUSTRATION	LA		5	4		SUFDS	FDS
	CDF2201FS	FASHION COMMUNICATION	TH	2		2		SUFDS	FDS
	ENVIRONMENTAL ELECTIVE		TH	2		2		ALLM	CES
	VBC0102FV/ VBC0103FV/ UIV2101FV	CIVIC EDUCATION / FAMILY LIFE EDUCATION / BIBLICAL FOUNDATION FOR FAMILY LIFE	TH	1		1	BA2018	ALLM	Centre for VE

	EXTENSION PROGRAMME					1		ALLM	PART V
	TOTAL		30			22/24			
III	CDF3301CP	GARMENT CONSTRUCTION IN WOMEN'S WEAR	LA		5	3		SUFDS	FDS
	CDF3401CT	FABRIC FORMATION STRUCTURE AND DESIGN	LT	3	2	4		SUFDS	FDS
	CDF3401CM	HISTORY OF FASHION	TH	5		4		SUFDS	FDS
	CDF3402CM	INDUSTRIAL GARMENT MACHINERY	TH	5		4		SUFDS	FDS
	CDF3201CM	CLOTHING SELECTION AND CARE	TH	3		2		SUFDS	FDS
	CDF3201CP	SURFACE EMBELLISHMENT	LA		3	2		SUFDS	FDS
	NON-MAJOR ELECTIVE		TH	2		2	AV2014	ALLM	FDS
	VOCATIONAL COURSE					2			
		LIBRARY		1					
	VBC0102FV/ VBC0103FV	CIVIC EDUCATION / FAMILY LIFE EDUCATION	TH	1		1	AV2014	ALLM	Centre for VE
	UIV3101FI	CIVICS AND THE BIBLE						AUCH/ SUCH	
		TOTAL		20	10	24			
IV	CDF4301CP	GARMENT CONSTRUCTION IN MEN'S WEAR	LA		5	3		SUFDS	FDS
	CDF4401CM	FASHION RETAILING AND MARKETING	TH	5		4		SUFDS	FDS
	CDF4301CM	BOUTIQUE MANAGEMENT	TH	4		3		SUFDS	FDS
	CDF4501CT	WET PROCESSING	LT	3	3	5		SUFDS	FDS
	CDF4401AA	BUSINESS ACCOUNTING	TH	5		4		SUFDS	FDS
		NON-MAJOR ELECTIVE	LA	2		2			
		LIBRARY		1					

	VBC0204FV/ VBC0203FV	HUMAN RIGHTS AND DUTIES / FOUNDATION COURSES ON WOMEN’S STUDIES	TH	2		2	BB2019/ AY2016	ALLM	CENTRE FOR VE
	UIV4201FI	HUMAN RIGHTS IN THE BIBLE							
		TOTAL		30		23			
V	CDF5401CM	TECHNICAL TEXTILES	TH	5		4		SUFDS	FDS
	CDF5402CM	FASHION MERCHANDISING	TH	5		4		SUFDS	FDS
	CDF5401CT	EVENT DESIGN AND MANAGEMENT	LT	3	2	4		SUFDS	FDS
	CDF5402CT	TEXTILE PRINTING	LT	3	2	4		SUFDS	FDS
	CDF5201CP	DRAPING TECHNIQUES IN FASHION	LA		4	2		SUFDS	FDS
	CDF5202CP	COMPUTER AIDED DESIGNING – I	LA		4	2		SUFDS	FDS
	CDF5501TC	FASHION DESIGNING INTERNSHIP - I				5		SUFDS	FDS
	VBC0204FV/ VBC0203FV	HUMAN RIGHTS AND DUTIES / FOUNDATION COURSE WOMEN’S STUDIES	TH	2		2	BB2019 / AY2016	ALLM	Center for VE
	UIV4201FI	HUMAN RIGHTS IN THE BIBLE					AUCH / SUCH		
		TOTAL		18	12	27			
VI	CDF6401CM	ORGANISATION OF GARMENT UNIT	TH	5		4		SUFDS	FDS
	CDF6402CM	APPAREL QUALITY CONTROL	TH	5		4		SUFDS	FDS
	CDF6301CM	HOME FURNISHING	TH	3		3		SUFDS	FDS
	CDF6401CT	FASHION CRAFT	LT	2	3	4		SUFDS	FDS
	CDF6301CP	FASHION PORTFOLIO PREPARATION AND PRESENTATION	LA		5	3		SUFDS	FDS
	CDF6302CP	COMPUTER AIDED DESIGNING – II	LA		5	3		SUFDS	FDS
	CDF6301TC	FASHION DESIGNING INTERNSHIP – II				3		SUFDS	FDS

		LIBRARY		1					
	VBC6101FV	ENHANCING SOCIAL GRACE	TH	1		1		ALLM	Centre for VE
	UIV610IFI	BIBLICAL PERSPECTIVES ON LEADERSHIP						AUCH/ SUCH	
		TOTAL		30		25			

Mandatory requirement for the completion of B.Sc., Costume Design and Fashion

SEM.	COURSE CODE & COURSE TITLE	Hrs.	PLACE	EVALUATION PATTERN	PERIOD
V	CDF5501TC FASHION DESIGNING INTERNSHIP– I	150	Company validated by the Department	As in AY2016	1 <sup>st</sup> Week of May to 4 <sup>th</sup> Week of May
VI	CDF6301TC FASHION DESIGNING INTERNSHIP– II	70	Student's own choice/ Skill development for the community		3 <sup>rd</sup> and 4 <sup>th</sup> Week of November

CDF1401CM FIBRE AND YARN SCIENCE  
(THEORY)

COURSE OUTCOMES: 4 hrs./wk.

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

- CO1: explain the classification of fibres
- CO2: interpret the properties and uses of natural fibres
- CO3: interpret the manufacturing process, properties and uses of manmade fibres
- CO4: analyse the yarn manufacturing process
- CO5: determine the yarn type and its quality

COURSE CONTENT:

UNIT I: INTRODUCTION TO FIBRES 8 hrs.

Textile fibres – definition – classification of textile fibres – according to their nature and origin – essential and desirable properties of textile fibres – staple and filament – comparison of natural and manmade fibres.

UNIT II: NATURAL FIBRES 12 hrs.

Cotton fibres – properties and uses – jute fibre – extraction – properties and uses – flax fibre – properties and uses – 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: MAN MADE FIBRES 12 hrs.

Regenerated fibres – viscose rayon – manufacturing process – properties and uses – modal – properties and uses – lyocell – properties and uses – bamboo – properties and

uses – synthetic fibres – polyester – manufacturing process – properties and uses – nylon 6 – manufacturing process – properties and uses 6,6 – manufacturing process – properties and uses – polypropylene – properties and uses – acrylic – properties and uses.

**UNIT IV: YARN MANUFACTURING PROCESS** **14 hrs.**

Introduction to ginning – conventional spinning – mixing and blending – flow process – carding – drawing – combing – simplex – ring frame – differences between carded and combed yarn.

**UNIT V: YARN AND ITS TYPES** **14 hrs.**

Yarn – definition – yarn twist – types and effects – classification of yarn – simple and fancy yarns – Quality parameter while sourcing yarn – sewing threads types and its properties.

**TEXTBOOK(S):**

Bernard Corban P, (1998). *Fiber to Fabric*, (6<sup>th</sup> ed.), Singapore: McGraw Hill Publication. Print.  
Joseph Pretal J, (1990). *Fabric Science*, (5<sup>th</sup> ed.), Newyork: Fairchild Publications. Print.

**REFERENCE BOOK(S):**

Gohl E.P.G & Vilensky L.D, (1999). *Textile Science*, New Delhi: CBS Publications and Distributors. Print.  
Gopalakrishnan R. & Angappan P, (2010). *Textile Testing*, S.S.M.I.I.T staff and students Co-op stores Ltd. Print.  
Klein W. G, (1988). *The Technology of Short Staple Spinning*, Manchester: Textile Institute. Print. Lewin M & Peare E.M, (1985). *Fiber Science and Technology*, (Vol. IV), Singapore: Book Company. Print.

CDF1401CM FIBRE AND YARN SCIENCE	
Class: I B.Sc., Costume Design and Fashion	Semester: I
Cognitive Level	K-2 Understand
	K- 6 Create
	K-4 Analyse
	K-5 Evaluate

**Mapping: COs consistency with PSOs**

CDF1401CM FIBRE AND YARN SCIENCE					
CO / PSO	PSO				
	1	2	3	4	5
CO1	1	1	2	3	1
CO2	1	1	2	3	3
CO3	1	1	2	3	2
CO4	1	1	2	3	1
CO5	1	1	2	3	1

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

# **CDF1401FM PRINCIPLES OF PATTERN MAKING AND GRADING**

## **(THEORY)**

### **COURSE OUTCOMES:**

**4 hrs./wk.**

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

CO1: relate body measurement to pattern making

CO2: interpret various methods and types of patterns

CO3: develop various basic bodice styles with fitting

CO4: analyse pattern alteration and grading

CO5: adapt layouts for different patterns according to fabric design

### **COURSE CONTENT:**

#### **UNIT I: BODY MEASUREMENT**

**15 hrs.**

Body measurement – importance, preparing for measuring – ladies measurements – boys and men's measurements – standardizing body measurements – importance – techniques used – various standards used worldwide – relative length and girth measures in ladies and gentlemen – preparation of fabric for cutting – importance of grain in cutting and construction – steps in preparing the fabric for cutting.

#### **UNIT II: PATTERN MAKING**

**10 hrs.**

Pattern Making – method 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: STYLES AND FITTING**

**10 hrs.**

Styles created by shifting of blouse darts – adding fullness to the bodice – converting darts to seam and partial yokes and incorporating darts in to seams forming yokes – fitting – standards of a good fit – steps in preparing a blouse for fitting – checking the fit of a blouse – solving fitting problems in a blouse – fitting techniques – introduction to 3D body scanning in pattern making and fitting.

#### **UNIT IV: PATTERN ALTERATION**

**13 hrs.**

Pattern alteration – importance of altering patterns – general principles for pattern alteration – common pattern alteration in different garment for men and women – pattern grading – definition – types – manual – master grades – basic front – basic back – basic sleeve – basic collar.

#### **UNIT V: PATTERN LAYOUT**

**12 hrs.**

Pattern Layout – definition – purpose – rules in layout – types of layouts – layout for length wise striped designs – fabric with bold design – asymmetric designs – one way designs – procedure for insufficient fabric – fabric cutting – transferring pattern marking – stay stitching – ease stitching.

### **TEXTBOOK(S):**

Mary Mathews, (1986). Practical Clothing Construction Part I and Part – II Chennai. Cosmic Press. Print.

### **REFERENCE(S):**

Gerry Cooklin, (1990). *Pattern Grading for women’s clothing, The technology of sizing*. Blackwell Science Ltd. Print.

Zarapker. K. R., (2010). *Zarapker system of cutting*, Navneet publications Ltd. Print.

CDF1401FM PRINCIPLES OF PATTERN MAKING AND GRADING	
Class: I B.Sc., Costume Design and Fashion	Semester: I
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-4 Analyse
	K-6 Create

Mapping: COs consistency with PSOs

CDF1401FM PRINCIPLES OF PATTERN MAKING AND GRADING					
CO/PSO	PSO				
	1	2	3	4	5
CO1	3	1	3	2	3
CO2	2	1	3	1	3
CO3	2	2	3	1	1
CO4	3	2	3	1	2
CO5	3	1	3	2	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

### CDF1201CP FUNDAMENTALS OF CLOTHING CONSTRUCTION (LAB)

COURSE OUTCOMES: 4 hrs./wk.

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

- CO1: recall the parts and functions of sewing machine
- CO2: develop seams, seam finishes and fullness
- CO3: construct different plackets, fasteners and yokes
- CO4: design different types of sleeves and relate their stitching method
- CO5: distinguish between different types of collars and pockets

COURSE CONTENT:

LIST OF EXPERIMENTS: 60 hrs.

- Introduction to sewing machine – parts and functions – single needle machine – essential tools – cutting tools – measuring tools – marking tools – general tools – pressing tools.
- Seams – types – plain – top stitch – single – double – flat fell – French – welt – slot – mantua makers – piped – construct – plain – top stitch – single double – flat fell – French – slot – piped –

- seam finishes – types pinked – edge stitched – double stitch – overcast herring bone – bound seam – hemming – construct – pinked – edge stitched – double stitch – bound seam hemming.
- Fullness – dart – single – double – decorative dart – construct – single – double – tucks – pin – piped – corded – shell or scalloped – cross – group tuck with scalloped – construct – pin – piped – cross – group tuck with scalloped – pleat – knife – box – inverted – fan – cartridge – pinch – construct – knife – box – inverted – flares – godets – gathers / shirrs – shirring by hand – machine – using elastic – with cord piping – ruffles / frills – double – circular – flounces – construct – flares – godets – gathers / shirrs – machine – using elastic – ruffles / frills – double – circular.
  - Placket – construct – inconspicuous placket – bound and faced – zipper – slot seam zipper – conspicuous placket – tailored – bound neck
  - Fasteners – button hole – button loop – thread loop – fabric loop – corded loop – button – shirt button – shank button – fabric – snaps or press button – hook and eyes – eyelets and cord – construct – button hole – button loop – fabric loop – corded loop – button – shirt button – shank button – fabric – snaps or press button – hook and eyes.
  - Sleeve – types – set – in – sleeves – plain sleeves – puff sleeve – bishop sleeve – bell sleeve – modified armhole – cap sleeve and magyar sleeve – sleeve and bodice combined – raglan – kimono and dolman – construct – set-in – sleeves – plain sleeves – puff sleeve – sleeve and bodice combined – raglan – kimono.
  - Yoke – construct – types – simple yoke – yoke with fullness within the yoke – yoke supporting / releasing fullness.
  - Neckline finishes – construct – bias facing – shaped facing and binding
  - Collar – types – peter pan – scalloped – square – full shirt collar – open collar – Chinese – shawl collar – construct – peter pan – full shirt collar – open collar.
  - Pocket – construct – types – patch pocket – bound pocket – pocket in a seam – front hip pocket.

**TEXTBOOK(S):**

Mary Mathews, (1986). *Practical Clothing Construction* part I and part–II, Chennai: Cosmic Press. Print.

relevant sections in the chapters Part I -1,5,6,8,9,10, Part II -7,8,11,12

**REFERENCE BOOK(S):**

Zarapker K. R, (2008). *Zarapker system of cutting*, Ahmadabad: Navneet publications Ltd. Print.

CDF1201CP FUNDAMENTALS OF CLOTHING CONSTRUCTION	
Class: I B.Sc., Costume Design and Fashion	Semester: I
Cognitive Level	K-1 Remember
	K-3 Apply
	K-6 Create
	K-4 Analyse

**Mapping: COs consistency with PSOs**



CDF1201CP FUNDAMENTALS OF CLOTHING CONSTRUCTION					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	1	2	1	2
CO2	2	2	3	2	3
CO3	2	2	3	2	3
CO4	2	2	3	2	3
CO5	2	2	3	2	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

### CDF1202CP BASIC FASHION ILLUSTRATION

(LAB)

**COURSE OUTCOMES:**

**4 hrs./wk.**

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

- CO1: develop sketching skills
- CO2: apply figure proportions in illustration
- CO3: illustrate various parts of the body
- CO4: analyse the prang colour chart
- CO5: interpret the value and intensity chart

**COURSE CONTENT:**

**LIST OF PRACTICALS:**

**60 hrs.**

1. Introduction to sketching
2. Free hand drawing
3. Stick figure – Block figure – Flesh figure 7 head theory – 8 head theory – 10 head theory – 12 head theory – front and back
4. Legs and feet – Principle for drawing the legs – study for the legs in different views – motion to the legs
5. Arms and Hands – Principle of drawing the arms – arms and hands in different forms – hand proportion
6. Whole Face in different views – eyes – nose – ears and lips
7. Prang's colour chart
8. Value chart and Intensity chart

**TEXTBOOK(S):**

Patrick John Ireland, (2005). *Fashion Design Illustration*, New Delhi: B.T Batsford Ltd. Print.  
Relevant sections in chapter 1

**REFERENCE BOOK(S):**

SharonLee Tate, (2007). *Inside Fashion Design*, (5<sup>th</sup> ed.), United States: Pearson Education. Print.  
Thames & Hudson, (2010). *Basic Illustrations*, London: A V A Publishing Distributors. Print.

CDF1202CP BASIC FASHION ILLUSTRATION	
Class: I B.Sc., Costume Design and Fashion	Semester: I
Cognitive Level	K-3 Apply
	K-2 Understand
	K-4 Analyse
	K-5 Evaluate

Mapping: COs consistency with PSOs

CDF1202CP BASIC FASHION ILLUSTRATION					
CO/PSO	PSO				
	1	2	3	4	5
CO1	3	2	2	2	2
CO2	3	2	1	1	2
CO3	3	2	2	1	2
CO4	3	2	2	1	2
CO5	2	2	1	1	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

CDF2301CM FASHION STUDIES  
(THEORY)

COURSE OUTCOMES: 3 hrs./wk.

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

- CO1: define the meaning of fashion
- CO2: explain the types of design
- CO3: apply colour theories in dress design
- CO4: categorise the figure types based on their irregularities
- CO5: predict the fashion trends

COURSE CONTENT:

UNIT I: INTRODUCTION TO FASHION 9 hrs.

Terms related to the fashion industry – fashion – style – fad – classic and collection – chic – custom made – pret a porter – mannequin – fashion show – trend – forecasting – high fashion – fashion cycle – haute couture – couturier – fashion director – fashion editor line – knockoff – avant garde – bridge – buying house – apparel – fashion merchandising – sample.

UNIT II: DESIGNING AND ITS TYPES 11 hrs.

Design – definition – types – structural and decorative design – requirements of a good structural and decorative design – elements of design – line – shape or form – colour – size – texture – application of structural and decorative design in a dress – principles of design – balance – formal and informal – rhythm – through repetition – radiation and

gradation – emphasis – harmony – proportion – application of principles of designs in a dress.

**UNIT III: COLOUR** **9 hrs.**

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.

**UNIT IV: FIGURE IRREGULARITIES** **9 hrs.**

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: FASHION PSYCHOLOGY** **7 hrs.**

Adoption of fashion – trickle up – trickle down – trickle across – fashion cycle – factors influencing fashion – fashion designer.

**TEXTBOOK(S)**

G. J. Sumathi, (2004). *Elements of Fashion and Apparel Design*, New Delhi: New Age International Pvt Ltd. Print.

**REFERENCE BOOK(S):**

Bina abling, (1988). *Fashion Sketch Book*, New york: Fair child publications. Print.  
Judith rasband, (2001). *Wardrobe Strategies for women*, London: Delmar publishers. Print.  
Mc Jimsey & Harriet, (1973). *Art and Fashion in clothing selection*, Iowa: State University Press. Print.

CDF2301CM FASHION STUDIES	
Class: I B.Sc., Costume Design and Fashion	Semester: II
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-4 Analyse
	K-6 Create

**Mapping: COs consistency with PSOs**

CDF2301CM FASHION STUDIES					
CO/PSO	PSO				
	1	2	3	4	5
CO1	3	2	3	2	3
CO2	3	3	3	3	3
CO3	3	3	1	1	3
CO4	3	3	3	1	3
CO5	3	3	3	2	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

**CDF2301CP KIDS WEAR**  
**(LAB)**

**COURSE OUTCOMES:**

**5 hrs./wk.**

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

CO1: select fabric and design suitable for kids garment

CO2: create and design different kids wear garment

CO3: apply appropriate pattern making techniques for constructing garment

CO4: estimate the layout for fabric

CO5: construct different types of kids garment

**COURSE CONTENT:**

**EXPERIMENTS / LAB:**

**75 hrs.**

**LIST OF PRACTICALS:**

1. Bib – variation in outline shape

2. Panty – plain or plastic lined panty

3. Knicker – elastic waist, side pockets

4. Jabla – without sleeve, front open (or) magyar sleeve, back opens

5. Baba suit – knickers with chest piece attached (or) romper

6. Petticoat – A line petticoat (or) petticoat with pleated or gathered waist

7. Frock – yoke at chest line, with open, with sleeve, gathered skirt / circular skirt at waistline  
(or) Princess Line frock

8. School uniform for girls – A line or pleated waist with blouse 9. School uniform for boys –  
shorts and shirt

**REFERENCE BOOK(S):**

Chris Jefferys, (1986). *The complete Books of Sewing*, London: Dorling Kindersley Limited. print.

Mary Mathews, (1986). *Practical Clothing Construction–Part I and II*, Chennai: Cosmic Press. print.

Sewing and Knitting, (1993). *A Readers Digest, step-by guide*, Australia: Readers Digest Pvt. Ltd. print.

Zarapker. K. R, (2008). *Zarapker system of cutting*, Ahmadabad: Navneet publications Ltd. Print.

CDF2301CP KIDS WEAR	
Class: I B.Sc., Costume Design and Fashion	Semester: II
Cognitive Level	K-1 Remember
	K-6 Create
	K-3 Apply
	K-5 Evaluate

**Mapping: COs consistency with PSOs**

CDF2301CP KIDS WEAR					
CO/PSO	PSO				
	1	2	3	4	5
CO1	2	2	2	1	2
CO2	1	1	1	1	1
CO3	2	1	2	1	2
CO4	3	2	3	1	2
CO5	2	1	2	1	2

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

### CDF2401AP ADVANCED FASHION ILLUSTRATION

(LAB)

**COURSE OUTCOMES:** 5 hrs./wk.

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

- CO1: illustrate different textures, patterns and draping techniques
- CO2: compare different colour mediums in illustration
- CO3: develop design for accessories
- CO4: apply elements and principles for costume designing
- CO5: create theme-based illustration of seasonal and traditional wear

**COURSE CONTENT:**

**EXPERIMENTS / LAB:** 75 hrs.

**LIST OF PRACTICALS:**

1. Creating different textures and patterns.
2. Draping techniques in sketching- Illustrate details of ruffles, cowls, shirring, smocking, quilting, draping, gathers, pleats, frills and flounces.
3. Rendering of fabric swatches and fabric drapes using various color medium – crayon/ steadler, Oil pastels, pencil color, line work, pencil work, stripling, watercolor, poster color.
4. Accessories – hats, bags, scarves and stoles, bow and ties.
5. Application of elements of design on costume.
6. Application of principles of design on costume.
7. Designing for a party wear.
8. Illustration on the background of the office.
9. Designing a costume for Haute Couture.
10. Designing a garment with theme.
11. Illustrate a seasonal wear.
12. Illustrate a traditional wear.

CDF2401AP ADVANCED FASHION ILLUSTRATION	
Class: I B.Sc., Costume Design and Fashion	Semester: II
Cognitive Level	K-2 Understand
	K-4 Evaluate
	K-3 Apply
	K-6 Create

Mapping: COs consistency with PSOs

CDF2401AP ADVANCED FASHION ILLUSTRATION					
CO/PSO	PSO				
	1	2	3	4	5
CO1	3	1	1	1	2
CO2	2	2	1	1	2
CO3	2	2	1	1	2
CO4	2	2	1	1	2
CO5	1	2	2	2	2

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

CDF2201FS FASHION COMMUNICATION  
(THEORY)

COURSE OUTCOMES: 2 hrs./wk.

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

- CO1: interpret fashion writing
- CO2: develop ideas suitable for advertisements, fashion publications and digital media
- CO3: compose fashion articles and features for digital media

COURSE CONTENT:

UNIT I: INTRODUCTION TO FASHION WRITING 10 hrs.

Fashion writing – writing for target audience – conducting interviews – writing a summary précis writing – captioning.

UNIT II: STRATEGIC FASHION COMMUNICATION: 10 hrs.

Fashion publication review – promotional campaigns – types of fashion advertising – branding brand elements.

UNIT III: FASHION WRITING: 10 hrs.

Write fashion news – articles – features for digital media.

MAGAZINE(S):

VOGUE, FEMINA, WOMEN’S ERA, COSMOPOLITAN, INSTYLE, ELLE, SAVVY, BAZAAR.

<b>Class: I B.Sc., Costume Design and Fashion</b>	<b>Semester: II</b>
<b>Cognitive Level</b>	K-2 Understand
	K-3 Apply
	K- 6 Create

Mapping: COs consistency with PSOs

CDF2201FS FASHION COMMUNICATION					
CO/PSO	PSO				
	1	2	3	4	5
CO1	2	3	3	3	3
CO2	3	3	3	2	3
CO3	3	3	1	1	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

### CDF3301CP GARMENT CONSTRUCTION IN WOMEN'S WEAR (LAB)

**COURSE OUTCOMES:** **5 hrs./wk.**

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

- CO1: select suitable fabric for women’s garment
- CO2: create and design different women’s garment
- CO3: interpret the methods of drafting for different types of garment
- CO4: estimate the layout for fabric
- CO5: construct various types of women’s garment

**COURSE CONTENT:** **75 hrs.**

**EXPERIMENTS / LAB EXERCISES:**

Construct the following garments:

- Skirt
- Saree petticoat – 6/8 gore
- Nighty
- Formal Pant
- Midi Top
- Kameez
- Salwar
- Blouse

**TEXTBOOK(S):**

Juvekar M B, (1982). *Easy Cutting*, Dadar: Commercial Tailors Corporation Pvt. Ltd. Print.  
 Mathews M, (1986). *Practical Clothing*, Chennai: Cosmic Press. Print.  
 Subramaniam, T, (2009). *Dress Making*, Chennai: New Horizon Media Pvt. Ltd. Print.

Zarapkar K R, (2012). *Zarapker, System of Cutting*, Mumbai: Navneet Publications Ltd. Print. Page no. 43, 85, 86, 95, 97, 113,125

**MAGAZINE(S):**

Reader’s Digest Sewing guide, (2013). *Complete Guide to Sewing* (13<sup>th</sup> ed.), Print  
 Rup Fashion point (2020, July 23) *Latest and Unique Easy Neck Design For Kurti/Suit Cutting and Stitching* [Video file]. Retrieved from <https://www.youtube.com/watch?v=PFK0wBDFni0> CC BY license

CDF3301CP GARMENT CONSTRUCTION IN WOMEN’S WEAR	
Class: II B.Sc., Costume Design and Fashion	Semester: III
Cognitive Level	K-1 Remember
	K-2 Understand
	K- 5 Evaluate
	K-6 Create

Mapping: COs consistency with PSOs

CDF3301CP GARMENT CONSTRUCTION IN WOMEN’S WEAR					
CO/PSO	PSO				
	1	2	3	4	5
CO1	2	1	3	1	3
CO2	3	3	3	2	3
CO3	2	1	3	3	3
CO4	3	3	3	1	3

Strongly Correlated (3) Moderately Correlated (2) Weakly Correlated(1)

**CDF3401CT FABRIC FORMATION, STRUCTURE AND DESIGN**  
**(LAB CUM THEORY)**

**COURSE OUTCOMES:** **3T+2L hrs./wk.**

- On successful completion of the course, the student will able to
- CO1: explain the various types of loom and the preparatory process for weaving
  - CO2: identify the different types of textile design and fabric structure of woven fabric
  - CO3: classify the elements of knitting and types of knitting machine
  - CO4: compare and study different types of knitted structure and its defects
  - CO5: interpret the production methods of nonwoven and creation of types of textile designs

**COURSE CONTENT:**

**UNIT I: INTRODUCTION TO WEAVING** **13 hrs.**

Loom – parts and types – preparatory process for weaving – winding – warping – sizing – loom operations – objectives – primary motions – shedding – picking – beat – up – secondary motions – let – off – take- up – shuttle less looms and types.

**UNIT II: WOVEN FABRIC STRUCTURE** **7T + 15L hrs.**



Study of design draft and peg plan – structure of basic weaves – plain – twill variation – satin – sateen – honeycomb – huck– a– back – extra warp and extra weft – pile – introduction to dobby and jacquard.

#### **LIST OF PRACTICALS:**

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

1. Plain Weaves and its variation
2. Twill Weave and its variation
3. Satin weave
4. Sateen weave
5. Honeycomb weave
6. Huck – a – back weave
7. Extra warp and extra Weft figuring

#### **UNIT III: INTRODUCTION TO KNITTING**

**10 hrs.**

Knitting – definition – classification – elements – weft knitting machines circular – warp knitting machine – raschel – tricot.

#### **UNIT IV: KNITTED FABRIC STRUCTURE**

**7T + 7L hrs.**

Study of knitted structure – knit – tuck – miss stitch – study of single jersey – rib – interlock – purl structure – raschel and tricot – common defects in knitted fabrics – comparison between knitted and woven fabrics.

#### **LIST OF PRACTICALS:**

1. Single Jersey
2. Plain
3. Rib
4. Interlock
5. Purl Structure
6. Raschel 7. Tricot

#### **UNIT V: INTRODUCTION TO NON-WOVEN AND TEXTILE DESIGN**

**8T + 8L hrs.**

Non-woven – introduction – methods of production using carding machine – parallel laying – cross laying – air laying – wet laying – dry laying – wood pulp – spun laying – flash spinning – melt blown – chemical bonding – thermal bonding – solvent – needle felting – hydro entanglement – applications – introduction for textile design – motif – repeats – types of textile design – natural – geometric – conventional – abstract – historical.

#### **LIST OF PRACTICALS:**

1. Motif creation
2. Repeat Structures
  - a. Brick
  - b. Drop
  - c. Directional
  - d. Non– directional
3. Turning pattern
  - a. Flipping horizontal

- b. Flipping vertical
  - c. Turnings spot
4. Diamond and ogee – based designs.

**TEXTBOOK(S):**

Gokarneshan N., (2005). *Fabric Structure and Design*, New Delhi: New Age International Publishers. Print.

Horrocks, A.R. & Anand S.C, (2000). *Handbook of Technical Textiles*, U.K: Wood head Publishing Ltd. Print. Chapters: 6.1 – 6.12.

Shailaja D Naik & Jacquie A Wilson, (2006). *Surface Designing of Textile Fabrics*, New Delhi: New Age International Publishers. Print. Chapters: 2.1 – 2.8.

**REFERENCE BOOK(S):**

Ajgonkar D.B., (1998). *Principles of Knitting*, Mumbai: Universal Publishing. Print.

Allen C. & Cohen I. J., (2010). *Fabric Science*, New York: Fair Child Publications. Print.

Bernard P.C., (1982). *Textiles Fiber to Fabric*, (6<sup>th</sup> ed.), Singapore: McGraw Hill Book Co. Print.

Marks R. & Robinson T.C., (1989). *Principles of Weaving*, Manchester: The Textile Institute. Print.

Spencer D., (1989). *Knitting Technology*, UK: Butterworth Heinemann Ltd. Print.

Chapman R., (2010). *Applications of Nonwovens in Technical Textiles*, Wood head Publishing. Print.

CDF3401CT FABRIC FORMATION, STRUCTURE AND DESIGN	
Class: II B.Sc., Costume Design and Fashion	Semester: III
Cognitive Level	K-2 Understand
	K-3 Apply
	K-4 Analyse
	K-5 Evaluate

Mapping: COs consistency with PSOs

CDF3401CT FABRIC FORMATION, STRUCTURE AND DESIGN					
CO/PSO	PSO				
	1	2	3	4	5
CO1	2	2	1	3	2
CO2	2	2	1	3	2
CO3	1	2	1	3	2
CO4	1	2	1	3	2
CO5	1	1	1	2	1

Strongly Correlated (3) Moderately Correlated (2) Weakly Correlated (1)

**CDF3401CM HISTORY OF FASHION**  
**(THEORY)**

**COURSE OUTCOMES:**

**5 hrs./wk.**

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

CO1: define the terminologies used for historic costumes in different civilizations

CO2: identify various costumes of different states of India

CO3: explain traditional textiles and design techniques of India

CO4: analyse and differentiate costumes used in different parts of the world

CO5: outline the origin and evolution of designer garments

#### **COURSE CONTENT:**

##### **UNIT I: HISTORY OF INDIAN FASHION**

**16 hrs.**

Beginning of costume – terminologies in history of Indian costume – Indus Valley and Harappa Period (3300 – 1300BC) – Vedic Period (1500 – 500BC) – Gupta Period (7th century AD) – Mughal Period – British Rule.

##### **UNIT II: INDIAN HISTORICAL COSTUMES**

**15 hrs.**

Indian historical costumes in different states – Tamil Nadu – Kerala – Andhra Pradesh – Punjab – Gujarat – Maharashtra – Rajasthan – Uttar Pradesh – Madhya Pradesh – Jammu and Kashmir.

##### **UNIT III: TRADITIONAL TEXTILES AND DESIGN**

**16 hrs.**

Paithani – Himru – Mashru – Patola – Ikat – Chanderi – Maheswari – Banaras – Pochampalli, Kanchipuram – Dhakai cotton – Baluchari – traditional designs techniques – Madhubani – Kalamkari – Sangner – tie and dye – batik – block printing – traditional embroidery designs.

##### **UNIT IV: HISTORY OF WORLD FASHION**

**15 hrs.**

Rome – Egypt – Greek – French – English – China – Srilanka – Arab and Peninsula.

##### **UNIT V: EVOLUTION OF HAUTE COUTURE**

**13 hrs.**

Clothes and fashion – fashion as art – Charles Frederick Worth and the beginning of haute couture – omnipresence of fashion – changing shapes – fashion and gender.

#### **TEXTBOOK(S):**

Daniel Delis Hill, (2011). *History of World Costume and Fashion*, United States of America: Prentice hall Pearson Publishers. Print.

Gertrud L, (2000). *A History of Fashion*, Germany: Konemann Publishers. Print.

#### **REFERENCE BOOK(S):**

Konemann G. L, (2007). *A History of Fashion - in the 20th century*, NewYork: Fair Child Books. Print.

Manmeet S, (2005). *History of Fashion*, (1<sup>st</sup> ed.), New Delhi: Kalyani Publishers. Print.

Shailaja.D. Naik, (1996). *Traditional Embroideries of India*, New Delhi: APH Publishing Co-operation. Print.

CDF3401CM HISTORY OF FASHION	
Class: II B.Sc., Costume Design and Fashion	Semester: III
	K-1 Remember

<b>Cognitive Level</b>	K-3 Apply
	K-2 Understand
	K-4 Analyse

Mapping: COs consistency with PSOs

CDF3401CM HISTORY OF FASHION					
CO/PSO	PSO				
	1	2	3	4	5
CO1	2	1	3	2	2
CO2	2	1	3	2	2
CO3	2	1	3	2	2
CO4	2	1	3	2	2
CO5	3	2	3	2	1

Strongly Correlated (3) Moderately Correlated (2) Weakly Correlated (1)

### CDF3402CM INDUSTRIAL GARMENT MACHINERY (THEORY)

**COURSE OUTCOMES:** **5 hrs./wk.**

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

- CO1: classify different types of sewing machines
- CO2: identify the stitch mechanism of the sewing machine
- CO3: interpret different methods and tools used for spreading and marking
- CO4: explain cutting methods and pressing techniques
- CO5: assess federal sewing standards

**COURSE CONTENT:**

**UNIT I: CLASSIFICATION OF SEWING MACHINES** **15 hrs.**

Sewing Machineries – classification of sewing machines – single machine – over lock machine – bar tacking machine – buttonhole making machine – button fixing machine – blind stitching machine – fabric examining machine.

**UNIT II: STITCHING MECHANISM** **15 hrs.**

Stitching mechanism – Needles – bobbin and bobbin case – bobbin winding – loops and loop spreader – upper and lower threading – auxiliary hooks – throat plates – take ups – tension discs – upper and lower thread tension – stitching auxiliaries – pressure foot and its types – feed mechanisms – drop feed – differential feed – needle feed – compound feed – unison feed – puller feed.

**UNIT III: SPREADING AND MARKING** **15 hrs.**

Types of spread and its quality – spreading equipment and tools – spreading methods – marking methods – positioning marking types of markers – efficiency of a marker plan – requirements of marker planning.

**UNIT IV: CUTTING AND PRESSING** **15 hrs.**

Cutting technology – definition – function – scope – cutting equipment and tools – vertical reciprocity cutting machine – rotary cutting machine – band knife cutting machine – die cutters – pressing equipment’s – purpose – pressing equipment’s and methods – iron – steam press – steam air finisher – steam tunnel – special types – pleating – permanent press.

**UNIT V: FEDERAL STANDARDS** **15 hrs.**

Sewing federal standards for stitch and stitch classification – federal standards for seam and seam classification – special attachments – care and maintenance – common problems and remedies.

**TEXTBOOK(S):**

Harold Carr and Barbara Latham, (1994). *The Technology of Clothing Manufacture*, Hong Kong: Blackwell Science. Print.  
 Chapters: 2,3,7

**REFERENCE(S):**

Coles M Sew, Heinemann, *A complete guide for sewing* – Singapore: Professional Publishing. Print.  
 Reader’s digest Sewing guide, *Complete Guide to Sewing* (13<sup>th</sup>ed.). The Reader’s Digest Association Inc, Pleasant Ville. Print.

CDF3402CM INDUSTRIAL GARMENT MACHINERY	
Class: II B.Sc., Costume Design and Fashion	Semester: III
Cognitive Level	K-2 Understand
	K-3 Apply
	K-5 Evaluate

**Mapping: COs consistency with PSOs**

CDF3402CM INDUSTRIAL GARMENT MACHINERY					
CO/PSO	PSO				
	1	2	3	4	5
CO1	3	1	3	1	2
CO2	2	1	3	3	2
CO3	3	1	3	3	2
CO4	1	1	2	2	2
CO5	2	1	3	3	2

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

**CDF3201CM CLOTHING SELECTION AND CARE**  
**(THEORY)**

**COURSE OUTCOMES:** **3 Hrs./wk.**

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

CO1: analyse water sources and identify its hardness

CO2: interpret the preparatory process for soaps and detergents

CO3: analyse the methods of laundering, preservation and storage for natural fibres and special fabrics

CO4: discuss the stain removal methods and the care labels

CO5: develop a wardrobe for different age groups

## **COURSE CONTENT:**

### **UNIT I: WATER, SOAPS AND DETERGENTS**

**10 Hrs.**

Water – Sources of water – Types of hardness – Methods of softening water – alkali method – lime soda method – zeolite or Base exchange method – Determination of hardness – Soap – Composition – Types – Manufacturing of Soap – Detergents – Ingredients and Advantages.

### **UNIT II: OTHER LAUNDERING AGENTS**

**10 Hrs.**

Bleaches – Classification – Types of Bleaches – open air and sunlight – sodium hypochlorite – hydrogen peroxide – sodium perborate – sodium hydrosulphite – Application of bleaches to various fabrics – The right way to bleach – Optical whiteners – Laundry blues – Fluorescent brightening agents (FBAS) Stiffening agents – classification – starch – gums – glues – preparation and uses of stiffeners.

### **UNIT III: LAUNDERING OF DIFFERENT FABRICS**

**9 Hrs.**

Principles of washing – friction washing – suction washing – washing by kneading and squeezing – washing by machine – Laundering of different fabrics – cotton and linen – wool – silk – polyester – nylon – embroidered fabric – coloured fabric – laundering for special fabrics.

### **UNIT IV: FABRIC CARE**

**9 Hrs.**

Method of preservation and storage for fabrics like silk – wool and special fabrics. Dry cleaning – using absorbents – grease solvents – Stain removal – food stain – ink stain – coffee stain – perfume stain – nail polish stain – lipstick stain – turmeric stain – grease and oil stain – Study of care labels – washing – bleaching – drying and ironing.

### **UNIT V: WARDROBE PLANNING**

**7 Hrs.**

**Wardrobe**

planning – definition – importance – basics and principles – Wardrobe planning for different age groups – Family clothing expenditure – purchase planning – sizing wardrobe – economical – psychological – sociological and other factors affecting clothing selection.

## **REFERENCE BOOK(S):**

Gordon M, (2002). *The Ultimate Sewing Book*, London: Collins and Brown Publishing, Print.

RajkishoreNayak, SwaminathanRathnaPandian, (2018). *Care and Maintenance of Textile Products Including Apparel and Protective Clothing*, Boca Raton, CRC Publishing, Print.

Aggarwal, D K, (2006). *Textile and Laundry in Hotel Industry*, New Delhi: Aman Publishing, Print.

D. Noemia Souza, (1998). *Fabric Care*, Chennai: New Age International, Print.

## **TEXTBOOK(S):**

Susheela Dantyagi, (2008). *Fundamentals of Textiles and their Care*, New Delhi, Orient Swan Publishing, Print.

## **Video(s):**

How to DIY. (2018 August 16). *Laundry care – Silk* [Video file]. Retrieved from YouTube. <https://www.youtube.com/watch?v=NKQ700ONJ3A>. CC BY license.

Fuse school. (2014 August 14). *Water softening* [Video file]. Retrieved from <https://www.oercommons.org/courses/video-ion-exchange-method/view>. CC BY license.

CDF3201CM CLOTHING SELECTION AND CARE	
Class: II B.Sc., Costume Design and Fashion	Semester: III
Cognitive Level	K-3 Apply
	K-2 Understand
	K-4 Analyse
	K-6 Create

Mapping: Cos consistency with PSOs

CDF3201CM CLOTHING SELECTION AND CARE					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	2	1	1	1
CO2	1	1	1	4	1
CO3	1	1	1	4	1
CO4	1	1	1	4	1
CO5	1	1	1	4	1

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

### CDF3201CP SURFACE EMBELLISHMENT (LAB)

COURSE OUTCOMES: 3 hrs./wk.

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: design and develop appropriate designs for embroidery in textile products
- CO5: recommend the appropriate surface embellishment techniques to enhance the value of home furnishing and apparel fabrics

COURSE CONTENT:

LIST OF EXPERIMENTS: 15 hrs.

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 hrs.
- Applique work – cut work – patch work– bead – sequins – ribbon works – aari – zardozi.
4. Traditional embroidery: 20 hrs.
- 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:
1. Home furnishing
  2. Garment

#### TEXTBOOK(S):

Shailaja, D. Naik, (1996). *Traditional Embroideries of India*. New Delhi: South Asia Books. Print.  
Pages: 13 - 135

#### REFERENCE BOOK(S):

Haxell, Kate, (2012). *The Stitch Bible: A Comprehensive Guide to 225 Embroidery Stitches and Techniques*. U.K.: David & Charles. Print.

Kooler, (2000). *Donna Encyclopedia of Needlework*, U.S.A: Leisure Art Inc. Print

CDF3201CP SURFACE EMBELLISHMENT	
Class: II B.Sc., Costume Design and Fashion	Semester: III
Cognitive Level	K-2 Understand
	K-3 Apply
	K-4 Analyse
	K-5 Evaluate
	K-6 create

#### Mapping: COs consistency with PSOs

CDF3201CP SURFACE EMBELLISHMENT					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	3	2	2	2
CO2	1	3	2	2	2
CO3	1	3	2	2	2
CO4	1	3	2	2	2
CO5	1	3	2	2	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)



## CDF4301CP GARMENT CONSTRUCTION IN MEN'S WEAR (LAB)

### COURSE OUTCOMES:

5 hrs./wk.

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

- CO1: choose a suitable design for men's garment
- CO2: relate style with the pattern of the garment
- CO3: construct men's garments using various techniques
- CO4: compare the basic and advanced concepts in men's wear construction
- CO5: estimate the fabric requirement using layout

### COURSE CONTENT:

#### EXPERIMENTS / LAB EXERCISES:

75 hrs.

1. Construction and finishing – Shirt – Full sleeve/half sleeve
2. Construction and finishing – Kalidar Kurtha
3. Construction and finishing – Nehru Kurtha
4. Construction and finishing – Flat front Trousers
5. Construction and finishing – Jodhpuri Trousers
6. Construction and finishing – Bathrobe
7. Construction and finishing – S.B Waist coat

#### TEXTBOOK(S):

Zarapkar K R, (2012). *Zarapker System of Cutting*, Mumbai: Navneet Publications Ltd. Print.

#### REFERENCE BOOK(S):

- Juvekar M. B, (1982). *Easy Cutting*, Dadar, Commercial Tailors Corporation Pvt. Ltd. Print
- Mathews M, (1986). *Practical Clothing Construction*, Chennai: Cosmic Press. Print.
- Subramaniam T, (2009). *Dress Making*, Chennai, Bombay: New Horizon Media Pvt Ltd. Print.

CDF4301CP GARMENT CONSTRUCTION IN MEN'S WEAR	
Class: II B.Sc., Costume Design and Fashion	Semester: IV
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-4 Analyse
	K-5 Evaluate

#### Mapping: COs consistency with PSOs

CDF4301CP GARMENT CONSTRUCTION IN MEN'S WEAR					
CO/PSO	PSO				
	1	2	3	4	5
CO1	3	3	3	1	3

<b>CO2</b>	2	2	3	2	3
<b>CO3</b>	2	3	3	1	3
<b>CO4</b>	2	2	3	1	2
<b>CO5</b>	1	1	2	1	1

**Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)**

## **CDF4401CM FASHION RETAILING AND MARKETING (THEORY)**

### **COURSE OUTCOMES:**

**5 hrs./wk.**

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

- CO1: define marketing and its classification
- CO2: interpret various marketing strategies
- CO3: analyse various types of retail operations
- CO4: interpret the changes in fashion retailing
- CO5: predict fashion trends by research and forecasting

### **COURSE CONTENT:**

#### **UNIT I: INTRODUCTION TO MARKETING**

**13 hrs.**

Definition to marketing – classification of market – features of market – uniqueness of fashion marketing – market week – world’ fashion markets.

#### **UNIT II: MARKETING STRATEGY**

**15 hrs.**

Marketing mix – product – price – place – promotion (4p’s theory) – entry strategy – vrio – value response imitations and organization – ansoff’s marketing strategy.

#### **UNIT III: RETAILING INDUSTRY**

**15 hrs.**

Introduction – types of retailing – online fashion retailing – models in e-retailing – offline fashion retailing – franchise retailing – value directed retailing – service-oriented retailing – cataloging – benefits of catalog.

#### **UNIT IV: CHANGING DIMENSIONS OF FASHION RETAILING**

**16 hrs.**

Growth of private labels – retailers into manufacturing – concentration of retail power – logistics and distribution – supply chain and logistics – globalization of retailing – relationship marketing– opportunities in Indian e-tailing – multi– products and niche products – the buying selling cycle.

#### **UNIT V: RESEARCH AND FASHION FORECASTING**

**16 hrs.**

Marketing plan – outlining the scope – identifying the sources of information – researching the industry – understanding the market – identifying the targeted customers – fashion research – fashion forecasting – fiber – trend – colour – customer research process – types of research – selection and types of data – selection and types of sample.

### **TEXTBOOK(S):**

- Chandra bose D., (2006). *Modern Marketing*, Delhi: PHI Learning Pvt Ltd. Print.
- Gini S.F., (1999). *Fashion from concept to consumer*, United States of America: Prentice hall Publications. Print.
- Kitty G. D., (2003). *Inside the Fashion Business*, New Jersey: Pearson Education. Print.

REFERENCE BOOK(S):

Philip K., (1999). *Principles of marketing*, New Jersey, Pearson Education. Print.

Ticker, (2013). *India Business of Fashion Report*, (Vol1), Images Yearbook. Print.

Dickerson Kitty G., (2003). *Inside the Fashion Business*, (7<sup>th</sup> ed.), New Delhi: Pearson education. Print.

Frings Gini Stephens, (2003). *Fashion from Concept to Consumers*, (7<sup>th</sup> ed.), New Delhi: Pearson Education. Print.

Underhill and Paco, (2008). *Why We Buy Science of Shopping*, New York: Simon & Schuster.

CDF4401CM FASHION RETAILING AND MARKETING	
Class: II B.Sc., Costume Design and Fashion	Semester: IV
Cognitive Level	K-1 Remember
	K-2 Understand
	K-4 Analyse
	K-5 Evaluate
	K-6 Create

Mapping: COs consistency with PSOs

CDF4401CM FASHION RETAILING AND MARKETING					
CO/PSO	PSO				
	1	2	3	4	5
CO1	2	1	1	3	3
CO2	2	1	2	3	3
CO3	1	1	1	3	3
CO4	3	2	2	3	3
CO5	3	3	2	3	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

CDF4301CM BOUTIQUE MANAGEMENT

(THEORY)

COURSE OUTCOMES: 4 hrs./wk.

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

- CO1: define boutiques and its types
- CO2: interpret boutique infrastructure requirement and visual merchandising techniques
- CO3: organize and manage human resources
- CO4: analyse boutique marketing tools and material sourcing
- CO5: outline and manage the financial resources for a boutique

COURSE CONTENT:

**UNIT I: INTRODUCTION TO BOUTIQUE****10 hrs.**

Boutique – definition – management Skills required to set up a boutique – identifying target market and customer – selection of boutique name – types of boutique – low- end and high- end boutiques.

**UNIT II: INFRASTRUCTURE AND VISUAL MERCHANDISING****14 hrs.**

Choice of location and space management – infrastructure requirement – fashion accessories in boutique – boutique interior – visual merchandising – store layout – types of display – exterior display – interior display – tools for visual merchandising – signage – props – mannequins – fixtures and lightings.

**UNIT III: RESOURCE MANAGEMENT****12 hrs.**

Staffing – selection of generalists and specialists – Customer relationship management – manpower planning – performance management – employee relations.

**UNIT IV: TOOLS AND MATERIALS****12 hrs.**

Boutique marketing tools and promotional kit – material sourcing – bookkeeping for boutique and maintaining stock.

**UNIT V: FINANCIAL MANAGEMENT****12 hrs.**

Project finance – cash control and cash flow analysis – managing and start up the boutique business – boutique visit – boutique project report.

**TEXTBOOK(S):**

Briana Stewart, (2014). *How to Open a Boutique, The Simple Guide to Boutique Success*, New York: Create Independent Publishing Platform. Print.

**REFERENCE BOOKS:**

Debbra Mikaelson, (2005). *FabJob Guide to become a Boutique Owner*, Fabjob publisher. Print.

Dr. S.S.Khanka, (2013). *Entrepreneurial Development*, New Delhi: Sultan Chand and Company Pvt. Ltd. Print.

Y.K. Bhushan, (2013). *Fundamentals of Business Organization and Management*, (19<sup>th</sup> ed.), New Delhi: Sultan Chand and Sons. Print.

Rajan Saxena, (2005). *Marketing Management*, New Delhi: Tata Mc Graw Hill Education. Print.

Marting M. Pegler, (2002). *Visual Merchandising and Display*, New York: Fairchild Publications.

CDF4301CM BOUTIQUE MANAGEMENT	
Class: II B.Sc., Costume Design and Fashion	Semester: IV
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-4 Analyse

**Mapping: COs consistency with PSOs**

CDF4301CM BOUTIQUE MANAGEMENT					
CO / PSO	PSO				
	1	2	3	4	5

<b>CO1</b>	3	1	1	1	1
<b>CO2</b>	3	1	1	1	1
<b>CO3</b>	1	1	1	1	1
<b>CO4</b>	3	1	1	1	1
<b>CO5</b>	1	1	1	1	1

**Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)**

## **CDF4501CT WET PROCESSING (LAB CUM THEORY)**

### **COURSE OUTCOMES:**

**3T + 3L hrs./wk.**

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

- CO1: explain the methods of wet processing
- CO2: interpret the process of desizing and scouring
- CO3: elaborate the methods of bleaching and mercerization
- CO4: classify various dyeing methods
- CO5: analyse the types of dyes and their suitability on fabric types

### **COURSE CONTENT:**

#### **UNIT I: PREPARATORY PROCESSES**

**8 hrs.**

Preparatory process – sequences of wet processing – singeing – gas singeing machine – roller singeing machine – advantages and disadvantages.

#### **UNIT II: DESIZING AND SCOURING**

**9 hrs.**

Desizing – methods – acid desizing – enzyme desizing – degumming and weighting of silk – process – advantages and disadvantages – scouring – process – advantages and disadvantages.

#### **UNIT III: BLEACHING AND MERCERIZATION**

**9 hrs.**

Bleaching – objectives – methods – hydrogen peroxide – hypochlorite bleaching – sodium chlorite – mercerization – objectives – process.

#### **UNIT IV: DYEING METHODS**

**11 hrs.**

Dyeing – methods of dyeing – machineries used for dyeing process – batch – winch – jigger – padding mangle – HT beam jet – package dyeing – garment dyeing.

#### **UNIT V: TYPES OF DYES**

**8 hrs.**

Dyeing of textiles– natural – synthetic fibers – acid dyes – basic dyes – direct dyes – vat dyes – reactive dyes – disperse dyes – sulphur dyes.

### **LIST OF PRACTICALS:**

**30L hrs.**

1. Preparation of samples for Desizing
2. Preparation of samples for Scouring
3. Preparation of samples for Bleaching
4. Preparation of samples for Mercerizing
5. Dyeing of cotton fabric using Direct dye
6. Dyeing of polyester fabric using Disperse dye

- Dyeing of silk fabric using Acid dye
- Dyeing of cotton fabric using Natural dye
- Dyeing of cotton fabric using Reactive dye
- Dyeing of cotton fabric using Basic dye

**TEXTBOOK(S):**  
 Barker. F, (2010). *Ornamentation and Textile Design*, Chandigarh: Abhishek Publications. Print.  
 Hemalatha. J, (2010). *Techniques of Dyeing and Printing*, New Delhi: Ane Books Pvt Ltd. Print.

**REFERENCE BOOK(S):**  
 Lewis D.M., (1990), *Wool Dyeing*, England: SDC Publications. Print.  
 Peters R. H., (1970), *Textile Chemistry*, (Vol I & II) Manchester: Textile Institute. Print.  
 Radolph S. J. and Anna L., (2002). *Textiles*, (9<sup>th</sup> ed.), New Jersey: Langford Prentice Hall. Print.  
 Robinson S. and Robinson P., (1982). *Beginners Guide to Fabric Dyeing and Printing*. London: Technical books. Print.  
 Shenai V. A., (1981). *Technology of Textile Processing*, Mumbai: Sevale Publications. Print.  
 Smith J.L., (2003). *Textile Processing*, Chandigarh: Abhishek Publications. Print.

CDF4501CT WET PROCESSING	
Class: II B.Sc., Costume Design and Fashion	Semester: IV
Cognitive Level	K-2 Understand
	K-6 Create
	K-4 Analyse

Mapping: COs consistency with PSOs

CDF4501CT WET PROCESSING					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	2	2	2	3
CO2	1	2	2	2	3
CO3	1	3	2	3	3
CO4	1	3	2	3	3
CO5	1	3	1	3	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

CDF4401AA BUSINESS ACCOUNTING  
 (THEORY)

COURSE OUTCOMES: 5 hrs./wk.

- On successful completion of the course, the student will be able to
- CO1: define accounting concepts and conventions
  - CO2: formulate subsidiary books and bank reconciliation statement
  - CO3: solve final accounts of trading concerns

CO4: apply costing techniques for decision making

CO5: analyse various types of Budget

COURSE CONTENT:

UNIT I: ACCOUNTING PRINCIPLES AND CONVENTIONS 10 hrs.

Introduction to accounting principles – meaning and scope of accounting – double entry system – advantages – difference between double entry and single entry – accounting concepts, principles and conventions – journal, ledger and trial balance.

UNIT II: SUBSIDIARY BOOKS AND BANK RECONCILIATION STATEMENT 15 hrs.

Subsidiary book features – types of subsidiary books – triple columnar cash book – petty cash book – bank reconciliation statement – need – causes for difference – preparation of bank reconciliation statement.

UNIT III: FINANCIAL ACCOUNTS OF TRADING CONCERN 20 hrs.

Preparation of financial accounts – trading and profit and loss account – balance sheet – adjustment entries.

UNIT IV: INTRODUCTION TO COST ACCOUNTING 20 hrs.

Fundamental principles of cost accounting – nature and scope – elements of cost – classification of cost – preparation of cost sheet – marginal costing – fixation of selling price – make or buy decisions – selection of a suitable product mix.

UNIT V: BUDGETARY CONTROL 10 hrs.

Meaning – importance of budgetary control – types of budgets – preparation of flexible budget, functional budgets and cash budget.

TEXTBOOK(S):

Nagarajan, Vinayakam N, Mani. P.L., (2012) *Principles of Accountancy*, S. Chand & Company Pvt. Ltd. Print.

Maheshwari S.N, (2012) *Cost and Management accounting*, New Delhi: Sultan Chand & Sons. Print.

REFERENCE BOOK(S):

Reddy TS, Moorthy A, (2012). *Advanced Accountancy*, Chennai: Margham Publications. Print.

Gupta, R.L & Gupta V.K, (2016). *Financial Accounting*. New Delhi: Sultan Chand & Sons. Print.

Narayanaswamy, (2018). *Financial Accounting*. New Delhi: PHI Learning Private Ltd. Print.

Goyal V.K., (2009). *Advanced Accountancy*, New Delhi: Excel Books India. Print.

Khan and Jain, (2012). *Management and Cost Accounting*, New Delhi: Vikas Publishing House Pvt. Ltd. Print.

Iyengar S.P., (2010). *Cost and Management Accounting*, New Delhi: Sultan Chand & Sons. Print.

CDF4401AA BUSINESS ACCOUNTING	
Class: II B.Sc., Costume Design and Fashion	Semester: IV
Cognitive Level	K-1 Remember
	K-6 Create
	K-3 Apply

	K-4 Analyse
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## CDF5401CM TECHNICAL TEXTILES

### (THEORY)

**COURSE OUTCOMES:** **5 hrs./wk.**

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

- CO1: relate the definition and applications of technical textiles
- CO2: distinguish fibres used in technical textiles
- CO3: explain various finishes used in technical textiles
- CO4: discuss the fabrics suitable for protective and survival textiles
- CO5: elaborate the classification of smart and intelligent textiles

**COURSE CONTENT:**

**UNIT I: INTRODUCTION TO TECHNICAL TEXTILES** **14 hrs.**

Technical textiles – definition and scope of technical textiles – global scenario – applications of technical textiles – fibres and fabrics used.

**UNIT II: FIBERS USED IN TECHNICAL TEXTILES** **16 hrs.**

Technical fibers – conventional fibers – high strength and high modulus organic fibers – high chemical and combustion – resistant organic fibers – high performance inorganic fibers – ultra fine and novelty fibers.

**UNIT III: FINISHING FOR TECHNICAL TEXTILES** **16 hrs.**

Mechanical finishes – calendaring – raising – cropping – shearing – compressive shrinkage – heat setting – chemical process – durable flame – retardant treatments – water repellent – anti static finishes – anti microbial and antifungal finishes – coatings – chemicals used and method of application.

**UNIT IV: SURVIVAL TEXTILES** **15 hrs.**

Introduction of survival textiles – short term survival – ballistic protection – protection from fire – long term survival – extreme weather condition – heat and flame protection – thermal behavior of fibers – fibers suitable for protective textiles – waterproof breathable fabrics – densely woven fabrics – membranes and coatings.

**UNIT V: SMART AND INTELLIGENT TEXTILES** **14 hrs.**

Classification of smart textiles – active smart – passive smart – ultra – smart textiles – intelligent textiles – phase change material (PCM) – shape memory polymer (SMP) – chromic and conductive materials.

**TEXTBOOK(S):**

Horrocks, A.R. & Anand S.C., (2000). *Handbook of Technical Textiles*, U.K. Wood Head Publishing Ltd. Print.

**REFERENCE BOOK(S):**

Adanur & S. Wellington, (1995). *Sears Handbook of Industrial Textiles*, Pennsylvania: Technomic Publishing Co. Inc. Print.



Richard Horrocks, Subhash C & Anand, (2016). *Handbook of Technical Textiles Applications*, Wood Head Publishing Ltd. Print.

CDF5401CM TECHNICAL TEXTILES	
Class: III B.Sc., Costume Design and Fashion	Semester: V
Cognitive Level	K-1 Remember
	K-4 Analyse
	K-2 understand
	K-6 Create

Mapping: COs consistency with PSOs

CDF5401CM TECHNICAL TEXTILES					
CO/PSO	PSO				
	1	2	3	4	5
CO1	2	1	1	3	2
CO2	1	1	2	3	2
CO3	1	1	1	3	2
CO4	1	1	2	3	2
CO5	1	1	2	3	2

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

### CDF5402CM FASHION MERCHANDISING (THEORY)

COURSE OUTCOMES:

5 hrs./wk.

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

- CO1: recall the merchandising procedures in the industry
- CO2: interpret merchandising plan and sales forecasting
- CO3: organize and coordinate creative and design process of merchandising
- CO4: analyse the elements of costing, sourcing and pricing
- CO5: classify the production systems and implement quality control

COURSE CONTENT:

UNIT I: INTRODUCTION TO MERCHANDISING

15 hrs.

Definition – scope of merchandising – merchandising terminology – types of merchandising – functions of merchandising – responsibilities of the merchandiser – skill sets of the merchandiser.

UNIT II: MERCHANDISING PLAN

15 hrs.

Managing merchandise – fashion seasons – six – month – planning – merchandising calendar – category and assortment planning – sales forecasts.

UNIT II: MERCHANDISING COORDINATION

15 hrs.

Design and merchandising coordination – design process and creative process – line development – principles and technologies – measurement charts and size grading – garment analysis – fit analysis.

**UNIT IV: SOURCING, COSTING AND PRICING** **15 hrs.**

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: PRODUCTION AND QUALITY CONTROL** **15 hrs.**

Production system – types of production systems – production planning and control – skill inventory – line balancing and goal setting.

**TEXTBOOK(S):**

Frings G.S, (1999). *Fashion from Concept to Consumers*, (7th ed.), New Jersey: Pearson Education. Print.

**REFERENCE BOOK(S):**

Dickerson, K.G. (2003). *Inside the Fashion Business*, (7th ed.), South Asia: Dorling Kindersley Pvt. Ltd. Print.

Rajkishore Nayak & Rajiv Padhye, (2015). *Garment Manufacturing Technology*, Wood Head Publishing. Print.

Foreign Trade Policy, (2014). *Procedure & Handbook*, (Vol I & II), Nabhi Publications. Print.

*India Business of Fashion Report*, (2013). (Vol I), Images Yearbook. Print.

CDF5402CM FASHION MERCHANDISING	
Class: III B.Sc., Costume Design and Fashion	Semester: V
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-4 Analyse

Mapping: COs consistency with PSOs

CDF5402CM FASHION MERCHANDISING					
CO/PSO	PSO				
	1	2	3	4	5
CO1	2	1	1	1	2
CO2	2	1	1	1	2
CO3	2	1	1	1	2
CO4	2	1	1	1	2
CO5	3	2	2	2	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

**CDF5201CP DRAPING TECHNIQUES IN FASHION**  
**(LAB)**

**COURSE OUTCOMES:** **4 hrs./wk.**

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

- CO1: choose suitable fabric and tools used for draping
- CO2: demonstrate draping of basic bodice, sleeve and skirt
- CO3: apply different dart manipulation techniques in draping
- CO4: interpret draping of different skirts, yokes, sleeves and collars
- CO5: create cowl variations in draping

**COURSE CONTENT:** **60 hrs.**

**LAB EXPERIMENTS:**

1. Introduction to draping
2. Draping of basic bodice – front – back – sleeve – skirt – front bodice with flounce
3. Dart manipulation – shoulder dart – arm hole dart – French dart – centre front dart
4. Draping of bodice block variation – bustier asymmetric bodice
5. Draping of skirt – two – piece basic skirt – pleated skirt – peplum skirt
6. Draping of yokes – midriff yoke – shirt yoke – hip yoke
7. Draping of sleeves – dolman sleeve – raglan sleeve – kimono sleeve
8. Draping of collars – convertible – peter pan – stand collar
9. Cowl variation – neck cowl – underarm cowl

**TEXTBOOK(S):**

Crawford, Connie Amaden, (2005). *The Art of Fashion Designing. U.S.A:* (3<sup>rd</sup> ed.), Laurence King Publishing, Print.

**REFERENCE BOOK(S):**

Emeritus, Hilde Jaffe. (2011). *Draping for Fashion Design*, (5<sup>th</sup> ed.) U.S.A: Prentice Hall, Print.  
Kiisel, Karolyn. (2013). *Draping: The Complete Course. U.S.A:* Laurence King Publishing, Print.

CDF5201CP DRAPING TECHNIQUES IN FASHION	
Class: III B.Sc., Costume Design and Fashion	Semester: V
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-5 Evaluate
	K-6 Create

Mapping: COs consistency with PSOs

CDF5201CP DRAPING TECHNIQUES IN FASHION					
CO/PSO	PSO				
	1	2	3	4	5

<b>CO1</b>	1	1	1	1	1
<b>CO2</b>	2	3	3	2	2
<b>CO3</b>	1	1	2	1	1
<b>CO4</b>	3	1	3	2	1
<b>CO5</b>	3	3	3	2	3

**Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)**

## **CDF5401CT EVENT DESIGN AND MANAGEMENT (LAB CUM THEORY)**

### **COURSE OUTCOMES:**

**3T +2L hrs./wk.**

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

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 skillfully

### **UNIT I: PRINCIPLES OF PROJECT EVENT MANAGEMENT FROM CONCEPT TO REALITY      15 hrs.**

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: SETTING THE SCENE – BACKGROUND EFFECTS**

**5T + 10L hrs.**

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: EVENT DESIGN PLANNING**

**15 hrs.**

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: FURNISHING AND DÉCOR**

**5T+10L hrs.**

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: ORGANIZING THE EVENT AND SAFETY**

**15 hrs.**

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.

### **REFERENCE BOOK(S):**

Glenn, A.J.B Ian, M. Johnny, A. Robert, H. & William, O., (2010). *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.

CDF5401CT EVENT DESIGN AND MANAGEMENT	
Class: III B.Sc., Costume Design and Fashion	Semester: V
Cognitive Level	K-2 Understand
	K-3 Apply
	K-6 Create

Mapping: COs consistency with PSOs

CDF5401CT EVENT DESIGN AND MANAGEMENT					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	3	1	1	1
CO2	3	3	3	3	2
CO3	3	3	2	2	1
CO4	3	3	1	2	2
CO5	0	0	0	0	1

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

### CDF5402CT TEXTILE PRINTING

(LAB CUM THEORY)

COURSE OUTCOMES: 3T + 2L hrs./wk.

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

- CO1: explain the methods and styles of printing
- CO2: elaborate the different methods of direct printing
- CO3: apply different techniques used for screen printing
- CO4: categorise different resist printing techniques
- CO5: discuss recent printing techniques and its applications

COURSE CONTENT:

UNIT I: INTRODUCTION OF PRINTING 8 hrs.

Printing – introduction of printing – differences between printing and dyeing – preparation of fabric for printing – cotton – linen – polyester – wool – silk – methods and styles of printing – printing paste – selection of thickening agents.

UNIT II: DIRECT PRINTING 10 hrs.

Introduction – block printing – brief history – preparation of design – blocks, table, print paste and printing process – stencil printing – brief history – preparation of fabric – stencils – material used for preparing stencil – process involved, and techniques used – roller printing – process and techniques.

UNIT III: SCREEN PRINTING 9 hrs.

Introduction – brief history – flat screen and rotary screen printing – preparation of screen – print paste – screen printing process – discharge printing – chemicals used – process involved.

**UNIT IV: RESIST PRINTING** **9 hrs.**

Introduction – brief history – batik printing – equipment required – process sequence and technique used – tie and dye – brief history – equipments required – process sequence – and techniques used.

**UNIT V: RECENT PRINTING METHOD** **9 hrs.**

Ink jet printing – techniques and its application – heat transfer printing – techniques and its application – photo printing – fixation and after treatment – techniques and its application.

**LAB EXPERIMENT:** **30L hrs.**

1. Block printing
2. Stencil printing
3. Tie and Dye
4. Batik
5. Screen printing

**TEXTBOOK(S):**

Hemalatha J. (2010). *Techniques of Dyeing and Printing*, New Delhi: Ane Books Pvt. Ltd. Print.

**REFERENCE BOOK(S):**

Sara J. Radoph and Anna L. Langford, (2002). *Textiles*, (9<sup>th</sup> ed.), New Jersey: Prentice hall. Print.

Smith J.L., (2003). *Textile Processing*, Chandigarh: Abhishek Publications. Print.

Peter R.H., (1970). *Textile Chemistry*, (Vol I & II), Manchester. Textile Institute. Print.

CDF5402CT TEXTILE PRINTING	
Class: III B.Sc., Costume Design and Fashion	Semester: V
Cognitive Level	K-2 Understand
	K-6 Create
	K-3 Apply
	K-4 Analyse

**Mapping: COs consistency with PSOs**

CDF5402CT TEXTILE PRINTING					
CO/PSO	PSO				
	1	2	3	4	5
CO1	2	3	2	3	3
CO2	2	2	2	3	2
CO3	2	2	1	3	2
CO4	2	2	1	3	2
CO5	2	2	1	3	2

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

## **CDF5202CP COMPUTER AIDED DESIGNING – I**

(LAB)

### **COURSE OUTCOMES:**

**4 hrs./wk.**

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

- CO1: explain the tools and keys used in the designing software
- CO2: develop motif design using elements and principles of design
- CO3: design various accessories using CAD techniques
- CO4: design garments using CAD techniques
- CO5: create brochures and visiting cards using CAD software

### **COURSE CONTENT:**

**60 hrs.**

1. SOFTWARE Introduction and Keys

**3 hrs.**

2. Elements of Design

**7 hrs.**

- Line
- Shape
- Colour
- Texture
- Form

3. Principles of Design

**9 hrs.**

- Emphasis
- Harmony
- Balance
- Proportion
- Rhythm

4. Motif Creation

**7 hrs.**

- Natural
- Stylish
- Geometric
- Abstract
- Traditional

5. Accessory Design

**9 hrs.**

- Handbags
- Footwear
- Hats
- Belts
- Bow and Tie

6. Textile Designing

**11 hrs.**

- Peplum Top

**7. Textile Designing 11 hrs.**

- Sarees
- Shawl
- Scarf

**8. Brochure and Visiting Card Designing 3 hrs.**

CDF5202CP COMPUTER AIDED DESIGNING – I	
Class: III B.Sc., Costume Design and Fashion	Semester: V
Cognitive Level	K-2 Understand
	K-3 Apply
	K-6 Create

Mapping: COs consistency with PSOs

CDF5202CP COMPUTER AIDED DESIGNING – I					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	1	1	1	1
CO2	2	3	2	3	2
CO3	2	1	3	2	2
CO4	2	1	3	2	2
CO5	2	2	3	1	1

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

**CDF6401CM ORGANISATION OF GARMENT UNIT  
(THEORY)**

**COURSE OUTCOMES: 5 hrs./ wk.**

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

- CO1: define the types and qualities of an entrepreneur
- CO2: organize the structure of a garment unit
- CO3: analyse the importance of factory design and its layout
- CO4: evaluate the costing strategies of a garment unit
- CO5: appraise the setting up of a garment unit

**COURSE CONTENT:**

**UNIT I: ENTREPRENEURSHIP 15 hrs.**

Entrepreneurship – meaning – definition and types – need for entrepreneurs – qualities and types of entrepreneurship – difference between entrepreneur and manager – management – definition – management as a process – planning – organizing – directing controlling – coordination.

**UNIT II: GARMENT UNIT 15 hrs.**



Organizational structure of a garment unit – design department – finance department – purchasing department – production department – organizing different sections – hierarchy – personnel involved in all the departments – nature of the job.

**UNIT III: FACTORY DESIGN** **15 hrs.**

Factory design and layout – important of factory design – factors affecting factory design – types of building – (single and multi – storey) – advantages and limitations – factory layout – process – product and combined layout – design requirements – requirements relating to health – safety and welfare.

**UNIT IV: COSTING** **15 hrs.**

Principles of costing – requirements of good costing system – cost estimation of yarn and woven fabric – cost estimation of cutting – stitching – checking packing – forwarding – shipping and insurance.

**UNIT V: SETTING UP A UNIT** **15 hrs.**

Performance of Indian garment export – SWOT analysis setting up of garment unit for export market – export document – export finance – payment method – export shipping – cost estimation of cutting – stitching – checking packing – forwarding – shipping and insurance – Institutions supporting entrepreneurs – IDC – NISC – SISI – TII – VIC – CODISSIA – Commercial banks – SBI.

**REFERENCE BOOK(S):**

Dinakara pagare & Sultan, (2015) *Principles of management, Delhi:* Chand & Sons Print.

Dt C.B.Gupta & Dr N.P.Srnivasan & Sultan (1997). *Entrepreneurship Development in India,* Delhi: Chand & sons, Print.

AJ Chester (1998). *Introduction to clothing production management,* (2<sup>nd</sup> ed.), Wrenbury Associates Ltd. Print.

Harold Carr & Barbara Latham (1994). *The technology of clothing manufacture,* HonKong, Blackwell Science Print.

Krishnakumar M., (2015). *Apparel costing, A functional Approach,* Chandigarh Abishek Publications, Print.

CDF6401CM ORGANISATION OF GARMENT UNIT	
Class: III B.Sc., Costume Design and Fashion	Semester: VI
Cognitive Level	K-1 Remember
	K-3 Apply
	K-4 Analyse
	K-5 Evaluate

Mapping: COs consistency with PSOs

CDF6401CM ORGANISATION OF GARMENT UNIT					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	1	1	1	3

<b>CO2</b>	1	1	1	1	1
<b>CO3</b>	1	1	1	1	1
<b>CO4</b>	1	1	2	1	2
<b>CO5</b>	2	2	2	1	1

**Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)**

## **CDF6402CM APPAREL QUALITY CONTROL (THEORY)**

### **COURSE OUTCOMES:**

**5 hrs./wk.**

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

CO1: relate the importance of quality and quality control of the fabric

CO2: explain the quality standards and assurance of garment industry

CO3: apply the inspection method for quality standards

CO4: examine and manage the quality through testing

CO5: evaluate the fabric and sewing defects

### **COURSE CONTENT:**

#### **UNIT I: QUALITY AND QUALITY CONTROL**

**15 hrs.**

Quality – definition – objectives – importance of quality – quality terminologies – no inspection – 100% inspection – spot checking – arbitrary sampling – statistical sampling – specifications sheet – quality control – definition – importance – advantage.

#### **UNIT II: QUALITY STANDARDS AND ASSURANCE**

**15 hrs.**

Standards – introduction – benefits of standards – levels of standards – sources of standards – ASTM – AATCC – ANSI – BSI – ISO – OEKO – quality assurance – definition – importance – types – advantages.

#### **UNIT III: INSPECTION**

**15 hrs.**

Inspection – raw material inspection – fabric inspection – 4 point system, 10 point system – sewing thread – zippers – buttons – buckles and snap fasteners interlining – in process – spreading – cutting – sewing – control of fusing operation – control of screen printing operation – control of embroidery operation – pressing – final inspection.

#### **UNIT IV: APPAREL QUALITY MANAGEMENT**

**15 hrs.**

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: FABRIC AND SEWING DEFECTS**

**15 hrs.**

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 – tendering marks – sewing defects –skipped stitch – thread drawn off – seam puckering – wrong stitch density – uneven stitch – staggered stitch – defected stitch – oil spot or stain.

### **REFERENCE BOOK(S):**

J.E. Booth, Butterworths, (1986). *Principles of Textile Testing*, (3<sup>rd</sup> ed.), Butterworths Publishers. Print.

Elliot B. Grover and D.S. Hamby (1988). *Handbook of Textile Testing & Quality Control*, Newyork: Textile Book Publishers, Print.

B.P. Saville, (1999). *Physical Testing of Textiles*, England: Wood Head Publishing. Print.

Pradeep V Mehta & Satish K. Bhardwaj, (1998), *Managing Quality in Apparel Industries*, New Age International Publishers. Print.

CDF6402CM APPAREL QUALITY CONTROL	
Class: III B.Sc., Costume Design and Fashion	Semester: VI
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-4 Analyse
	K-5 Evaluate

Mapping: COs consistency with PSOs

CDF6402CM APPAREL QUALITY CONTROL					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	1	2	3	3
CO2	1	1	1	1	1
CO3	1	2	2	1	2
CO4	1	2	2	2	1
CO5	1	2	2	2	1

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

CDF6401CT FASHION CRAFT

(LAB CUM THEORY)

COURSE OUTCOMES:

2T + 3L hrs. / wk.

- On successful completion of the course, the students will be able to
- CO1: classify accessories relating to trends and product development
  - CO2: interpret production methods for different accessories
  - CO3: compare bead craft techniques
  - CO4: create motifs based on different hand knitting methods
  - CO5: develop accessories by refashioning of fabrics and garments

COURSE CONTENT:

- UNIT I: OVERVIEW OF FASHION CRAFT
- 8 hrs.
- Brief history – classification of accessories – accessory designers – recent trend.
- UNIT II: PRODUCTION METHODS OF ACCESSORIES
- 8 hrs.

Common styles – components – material used and production methods of select accessories – handbags – hats common styles and production method of other accessories – jewelry – belts – scarves – pouches/laptop, tablet, computer – mouse pad – coaster.

**UNIT III: BEAD CRAFT** **5T + 15L hrs.**

Loom technique – parts and functions of the loom - working method off loom techniques – elementary stitches – method of formation of stitches.

**PRACTICAL**

1. Peyote stitch
2. Right angle weave
3. Bring stitch
4. Stitching beads on a base cloth

**UNIT IV: HAND KNITTING METHODS** **5T +15L hrs.**

Crochet – elementary stitches – method of formation of stitches – crochet terminology knitting – elementary stitches – formation of stitches – knitting terminology.

**PRACTICAL:**

1. Crochet – application for three motifs
2. Irish Lace – application for apparel
3. Knitting – application for three motifs

**UNIT V: REFASHIONING OF FABRICS** **4T + 15L hrs.**

Methods of refashioning fabrics – garments

**PRACTICAL:**

1. Layering and slashing method – bag
2. Stitching method: miniature toy – denim Purse – fabric ribbon
3. Bonding method: fabric bead, fabric pendant

**REFERENCE BOOK(S):**

Aneta Genova, (2011). *Accessory Design*, (1<sup>st</sup> ed.), Fairchild Publications. Print.

Gini Stafen Fring, (2007). *Fashion: From Concept to Consumer*. (9<sup>th</sup> ed.), USA: Prentice Hall. Print.

Jane Schaffer and Sue Sanders, (2012). *Fashion Course: Accessories: Design Practice and Processers for Crafting Hats, Bags, Shoes, and Other Fashion Accessories*. Barron’s Educational Series. Print.

Reader’s Digest, (1992). *Complete Guide to Needlework*, London: Reader’s Digest Association. Print.

CDF6401CT FASHION CRAFT	
Class: III B.Sc., Costume Design and Fashion	Semester: VI
Cognitive Level	K-2 Understand
	K-4 Analyse
	K-6 Create
	K-3 Apply

**Mapping: COs consistency with PSOs**

DF6402CT FASHION CRAFT
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CO/PSO	PSO				
	1	2	3	4	5
CO1	2	3	1	2	3
CO2	3	3	2	3	3
CO3	2	3	2	2	3
CO4	2	2	2	3	3
CO5	2	3	2	3	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

**CDF6301CP FASHION PORTFOLIO PREPARATION AND PRESENTATION**  
**(LAB)**

**COURSE OUTCOMES:** **5 hrs./wk.**

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

- CO1: predict the future trends
- CO2: choose theme for the designs
- CO3: illustrate the designs
- CO4: construct the pattern and garment
- CO5: create a new style

**COURSE CONTENT:**

**LIST OF EXPERIMENTS**

Stages involved in Portfolio Preparation

- a) Collection of Portfolio research, forecasting trendy
  - b) Preparation of customer profile
  - c) Preparation of theme board and mood board
  - d) Preparation of storyboard
  - e) Preparation of colour board and fabric board
  - f) Preparation of flat sketches/silhouette development
  - g) Preparation of accessory board
  - h) Preparation of photographic board
  - i) Preparation of pattern according to the design selected garment
  - j) Constructing the garment to the customer profile
- I. Preparation of Portfolio for Kidswear **20 hrs.**
- II. Preparation of Portfolio for Women’s Wear **20 hrs.**
- III. Preparation of Portfolio for Men’s Wear **20 hrs.**
- IV. Portfolio presentation: Soft copy, Hard copy, Modelling with Photoshoot **15 hrs.**

**REFERENCE BOOK(S):**

Barrett, Joanne. (2012) *Designing Your Fashion Portfolio*, New Delhi: Bloomsbury Publishing India Private Limited. Print.

Kiper Anna. (2014) *Fashion Portfolio: Design and Presentation*, London: Batsford Ltd.  
 Print. Tain, Linda. (2010) *Portfolio Presentation for Fashion Designers*, (3<sup>rd</sup> revised) New York: Fairchild Publications. Print.

CDF6301CP FASHION PORTFOLIO PREPARATION AND PRESENTATION	
Class: III B.Sc., Costume Design and Fashion	Semester: VI
Cognitive Level	K-1 Remember
	K-2 Understand
	K-3 Apply
	K-6 Create

Mapping: COs consistency with PSOs

CDF6301CP FASHION PORTFOLIO PREPARATION AND PRESENTATION					
CO/PSO	PSO				
	1	2	3	4	5
CO1	3	3	3	2	3
CO2	3	3	2	2	3
CO3	3	3	3	3	3
CO4	3	2	2	1	3
CO5	2	3	2	3	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

### CDF6302CP COMPUTER AIDED DESIGNING – II

(LAB)

**COURSE OUTCOMES:** 5 hrs./wk.

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

- CO1: recall the techniques of CAD software
- CO2: develop motifs for textile design
- CO3: interpret the techniques woven design
- CO4: compile various methods for creating themed garments
- CO5: compile various methods to create design cards and catalogs

**COURSE CONTENT:**

**LIST OF EXPERIMENTS:** 75 hrs.

1. Introduction to software and it’s tools, keys
2. Adjustment – hue/saturation, brightness/contrast
3. Motif creation for textile designing – naturalistic, stylized, traditional, geometric and abstract
4. Textile Designing – weaves / lines / checks
5. Saree Designing – Pallu and border designing

6. Mapping – textiles mapping, accessories mapping
7. Masking – layer mask, clipping mask
8. Create a garment based on theme
9. Card creation – visiting card/ ID card / Wedding card
10. Catalogue creation

**REFERENCE BOOK(S):**

Centner, Marianne and Frances Verekar, (2011). *Fashion Designer’s Handbook for Adobe Illustrator*, (2<sup>nd</sup> ed.), Wiley. Print.

Colussy, M. Kathleen and Steve Green, (2006). *Rendering Fashion, Fabric and Printers with Adobe Photoshop*, Pearson. Print.

CDF6302CP COMPUTER AIDED DESIGNING – II	
Class: III B.Sc., Costume Design and Fashion	Semester: VI
Cognitive Level	K-1 Remember
	K-3 Apply
	K-6 Create

**Mapping: COs consistency with PSOs**

CDF6302CP COMPUTER AIDED DESIGNING – II					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	1	1	1	1
CO2	2	1	1	1	1
CO3	2	1	1	1	1
CO4	1	1	2	1	2
CO5	1	1	1	1	2

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)

**CDF6301CM HOME FURNISHING**  
**(THEORY)**

**COURSE OUTCOMES:**

**3 hrs./wk.**

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

- CO1: select different fabrics suitable for home furnishing
- CO2: explain the functions of draperies and curtains
- CO3: analyse the types of floor coverings and its maintenance
- CO4: relate the uses of bed, kitchen and bathroom linens
- CO5: interpret the market view and recent trends of home furnishing

COURSE CONTENT:

<b>UNIT I: INTRODUCTION TO HOME FURNISHING</b>	<b>7 hrs.</b>
Introduction to home furnishing – different types of furnishing material – selection of furnishing material.	
<b>UNIT II: DRAPERIES AND CURTAINS</b>	<b>10 hrs.</b>
Doors and windows – different types and functions – styles in draperies – curtains and valances – care and maintenance.	
<b>UNIT III: FLOOR COVERINGS</b>	<b>10 hrs.</b>
Floor coverings – carpets and rugs – hard floor coverings, soft floor coverings – care and maintenance.	
<b>UNIT IV: LINENS</b>	<b>10 hrs.</b>
Bed linen – pillow – pillow covers – bed covers – kitchen linen – apron – table linen and hand towel – bathroom linen.	
<b>UNIT V: MARKET OVERVIEW</b>	<b>8 hrs.</b>
Overview of home furnishing industries – market view – recent trends – sourcing of materials.	

REFERENCE BOOK(S):

Baker W, (2000). *Curtain and Fabric Sector*, London, Collins and Brown Publication Pvt. Ltd, Print.

Murphy R.J. (1997). *House Beautiful – A Seasonal Guide to Decorating with Fabric*, New York: Quadrille Publishing Ltd, Print.

Octopus H. (2001). *Cushions and Pillows-professional skills made easy*, New York: Octopus Publishing Group. Print.

CDF6301CM HOME FURNISHING	
<b>Class: III B.Sc., Costume Design and Fashion</b>	<b>Semester: VI</b>
<b>Cognitive Level</b>	K-1 Remember
	K-2 Understand
	K-4 Analyse
	K-5 Evaluate

Mapping: COs consistency with PSOs

CDF6301CM HOME FURNISHING					
CO/PSO	PSO				
	1	2	3	4	5
CO1	1	1	1	3	3
CO2	2	1	1	3	3
CO3	1	1	1	3	3
CO4	1	1	1	3	2
CO5	3	1	1	3	3

Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)