

COURSE PROFILE

From 2022 batch onwards											
Sem.	Course code	Course Title	Course Type	Hrs./Wk.		Cr.	New / Revised course	% of revision*	Passed in Academic Council	Offered to	Offered by
				TH	LA						
I	PART I	TAMIL / HINDI / FRENCH	TH	6		3/4				ALLM	TAM / HIN / FRE
	PART II	ENGLISH	TH	6		3/4				ALLM	ENG
	CDF1401CM	FIBRE AND YARN SCIENCE	TH	5		4			BJ2022	SUCDF	FDS
	CDF1301FM	PRINCIPLES OF PATTERN MAKING AND GRADING	TH	4		3			BJ2022	SUCDF	FDS
	CDF1301AP	FASHION ILLUSTRATION	LA		5	3	Revised	80%	BJ2022	SUCDF	FDS
	CDF1201FS	FASHION COMMUNICATION	TH	2		2	Revised	35%	BJ2022	SUCDF	FDS
	VBC1101FV	HEALTHY TRANSITION FROM ADOLESCENCE TO ADULTHOOD	TH	2		1				ALLM	Centre for VE
	UIV1101FI	BIBLICAL ESSENTIALS FOR EMERGING ADULTS								AUCH / SUCH	
		TOTAL									
II	PART I	TAMIL, HINDI, FRENCH	TH	6		3/4				ALLM	TAM / HIN / FRE
	PART II	ENGLISH	TH	6		3/4				ALLM	ENG
	CDF2302CM	FASHION STUDIES	TH	3		3	Revised	30%	BJ2022	SUCDF	FDS
	CDF2401CP	FASHION DESIGNING	LA		5	4	New		BJ2022	SUCDF	FDS
	CDF2301AP	FUNDAMENTALS OF CLOTHING CONSTRUCTION	LA		5	3	Revised	Units rearranged	BJ2022	SUCDF	FDS

B.Sc. COSTUME DESIGN AND FASHION

II	CDF2203FS	COMMUNICATION DESIGN	TH	2		2	New		BJ2022	SUCDF	FDS
		ENVIRONMENTAL ELECTIVE	TH	2		2				ALLM	CES
	VBC0102FV/ VBC0103FV	CIVIC EDUCATION / FAMILY LIFE EDUCATION	TH	1		1			BA2018	ALLM	Centre for VE
	UIV2101FI	BIBLICAL FOUNDATION FOR FAMILY LIFE									
		PART V				1				ALLM	PART V
		TOTAL		30		22/24					
III	CDF3202CM	CLOTHING SELECTION AND CARE	TH	3		2	Revised	Content re- arrange d	BK2022	SUCDF	FDS
	CDF3301CM	INDUSTRIAL GARMENT MACHINERY	TH	4		3	Revised	9%	BK2022	SUCDF	FDS
	CDF3402CT	FABRIC FORMATION STRUCTURE AND DESIGN	LT	3	2	4	Revised	32%	BK2022	SUCDF	FDS
	CDF3401CP	KIDS WEAR	LA		5	4			BK2022	SUCDF	FDS
	CDF3302CP	SURFACE EMBELLISHMENT	LA		5	3	Revised	5%	BK2022	SUCDF	FDS
	CDF3301AA	BUSINESS ACCOUNTING	TH	5		3			BK2022	SUCDF	FDS
	CDF3201TI	INTERNSHIP I				2			BK2022	SUCDF	FDS
	NON-MAJOR ELECTIVE		TH	2		2				ALLM	FDS
	VOCATIONAL COURSE					2					
	VBC0102FV/ VBC0103FV	CIVIC EDUCATION / FAMILY LIFE EDUCATION	TH	1		1			AV2014 / BB2019	ALLM	Centr e for VE
	UIV3101FI	CIVICS AND THE BIBLE								AUCH / SUCH	
	TOTAL			30		26					
	CDF4501CM	TEXTILE PROCESSING	TH	5		5	NEW		BK2022	SUCDF	FDS
	CDF4502CM	HISTORY OF FASHION	TH	5		5			BK2022	SUCDF	FDS

IV	CDF4401CP	GARMENT CONSTRUCTION IN WOMEN'S WEAR	LA		5	4	Revised	12%	BK2022	SUCDF	FDS
	CDF4201CP	TEXTILE PROCESSING LAB	LA		4	2	NEW		BK2022	SUCDF	FDS
	CDF4402CP	DRAPING TECHNIQUES IN FASHION	LA		5	4	Revised	8%	BK2022	SUCDF	FDS
	CDF4201SP	FASHION CRAFT	LA		2	2	NEW		BK2022	SUCDF	FDS
	NON-MAJOR ELECTIVE		TH		2	2					
	VBC0104FV/ VBC0105FV	HUMAN RIGHTS AND DUTIES / FOUNDATION COURSES ON WOMEN'S STUDIES	TH	2		1			BJ2022	ALLM	Centre for VE
	UIV4101FI	HUMAN RIGHTS IN THE BIBLE									
		TOTAL		30		25					
V	CDF5401CM	TECHNICAL TEXTILES	TH	5		4			BL 2023	SUCDF	FDS
	CDF5402CM	FASHION MERCHANDISING	TH	5		4			BL 2023	SUCDF	FDS
	CDF5201CM	RESEARCH METHODOLOGY	TH	2		2	New		BL 2023	SUCDF	FDS
	CDF5202CM	FASHION RETAILING AND MARKETING	TH	4		2	Revised	20	BL 2023	SUCDF	FDS
	CDF5401CP	GARMENT CONSTRUCTION IN MEN'S WEAR	LA		6	4	Revised	17	BL 2023	SUCDF	FDS
	CDF5301CP	COMPUTER AIDED DESIGNING – I	LA		6	3	Revised	72	BL 2023	SUCDF	FDS
	CDF5201TI	INTERNSHIP - II	TI			2			BL 2023	SUCDF	FDS
	VBC0104FV / VBC0105FV	HUMAN RIGHTS AND DUTIES / FOUNDATION COURSE WOMEN'S STUDIES	TH	2		1			BJ2022	ALLM	Center for VE
	UIV4101FI	HUMAN RIGHTS IN THE BIBLE								AUCH / SUCH	

		TOTAL		30	22					
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VI	CDF6501CM	ORGANISATION OF GARMENT UNIT	TH	5		5			BL 2023	SUCDF	FDS
	CDF6502CM	APPAREL QUALITY CONTROL	TH	5		5			BL 2023	SUCDF	FDS
	CDF6301CM	BOUTIQUE MANAGEMENT AND INDUSTRIAL PRACTICES	TH	4		3	Revised	50	BL 2023	SUCDF	FDS
	CDF6401CT	EVENT DESIGN AND MANAGEMENT	LT	3	2	4	Revised	40	BL 2023	SUCDF	FDS
	CDF6401CP	COMPUTER AIDED DESIGNING – II	LA		5	4	Revised	55	BL 2023	SUCDF	FDS
	CDF6402CP	FASHION PORTFOLIO PREPARATION AND PRESENTATION	LA		5	4	Revised	25	BL 2023	SUCDF	FDS
	VBC6101FV	ENHANCING SOCIAL GRACE	TH	1		1			BB2019	ALLM	Centre for VE
	UIV610IFI	BIBLICAL PERSPECTIVES ON LEADERSHIP								AUC H/ SUC H	
		TOTAL		30		26					

From 2022 batch onwards

Semester	I	II	III	IV	V	VI	TOTAL
CREDITS	19	22	26	25	22	26	140

CDF1401CM FIBRE AND YARN SCIENCE

(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: I	Credit: 4	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	explain the classification of fibres			K2 understand
CO2	interpret the properties and uses of natural fibres			K2 understand
CO3	describe the manufacturing process, properties and uses of manmade fibres			K3 apply
CO4	define the yarn manufacturing process			K1 remember
CO5	classify the yarn type and its quality			K2 understand

COURSE CONTENT:

UNIT I: INTRODUCTION TO FIBRES

15 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

15 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 woolen fibre – properties and uses – brief study of hair fibres.

UNIT III: MAN MADE FIBRES

15 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 – nylon 6,6 – manufacturing process – properties and uses– polypropylene – properties and uses – acrylic – properties and uses.

UNIT IV: YARN MANUFACTURING PROCESS

15 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

15 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*, (6th ed.), Singapore: McGraw Hill Publication. Print.

Joseph Pretal J, (1990). *Fabric Science*, (5th ed.), New York: 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.

COs cognitive level and mapping with PSOs

CDF1401CM FIBER AND YARN SCIENCE					
CO	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)

CDF1301FM PRINCIPLES OF PATTERN MAKING AND GRADING
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: I	Credit:3	Hours per week: 4 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	relate body measurement to pattern making			K1 remember
CO2	interpret various methods and types of patterns			K2 understand
CO3	develop the styles and fitting for basic bodice			K3 apply
CO4	explain pattern alteration and grading			K2 understand
CO5	classify layouts for different patterns according to fabric design			K2 understand

COURSE CONTENT:

UNIT I: BODY MEASUREMENT 12 hrs.

Body measurement – importance, preparing for measuring – lady’s measurements – boy’s 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 12 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 12 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 **12 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.

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

COs cognitive level and mapping with PSOs

CDF1301FM PRINCIPLES OF PATTERN MAKING AND GRADING					
CO	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)

**CDF1301 FASHION
AP ILLUSTRATION
(LAB)**

Class: B.Sc. Costume Design and Fashion		Semester: I	Credit:3	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	acquire the knowledge of shading techniques			K1 remember
CO2	illustrate head theories for female figures			K2 understand
CO3	apply head theories for male and kids croque			K3 apply
CO4	demonstrate the basic principles of hands and legs drawing			K2 understand
CO5	draw the features of the face in different views			K2 understand

COURSE CONTENT:

LIST OF PRACTICALS:

UNIT I: SHADING TECHNIQUES **15 hrs.**

1. Shading Techniques and Object drawing

2. Draw different hair styles

UNIT II: HEAD THEORY – WOMEN

15 hrs.

1. 8 Head Theory (Female)
Stick figure – Block figure – Flesh figure (Front and Back)
2. 10 Head Theory (Female)
Stick figure – Block figure – Flesh figure (Front and Back)
3. 12 Head Theory (Female)
Stick figure – Block figure – Flesh figure (Front and Back)

UNIT III: HEAD THEORY – MEN AND KID

15 hrs.

1. 10 Head Theory (Male) – Stick figure – Block figure – Flesh figure (Front and Back)
2. Kids Croque – Front and Back

UNIT IV: HANDS AND LEGS

15 hrs.

1. Arms and Hands – Principle of drawing the arms – arms and hands in different forms – hand proportion
2. Legs and feet – Principle for drawing the legs – study for the legs in different views – motion to the legs

UNIT V: FACE AND FEATURES

15 hrs.

1. Eyes – Nose – Ears and Lips – Principles of drawing and different views
2. Whole Face in different views

TEXTBOOK(S):

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

REFERENCE BOOK(S):

Sharon Lee Tate, (2007). *Inside Fashion Design*, (5th ed.), United States: Pearson Education. Print.
Thames & Hudson, (2010). *Basic Illustrations*, London: A V A Publishing Distributers. Print.

COs cognitive level and mapping with PSOs

CDF1301AP FASHION ILLUSTRATION					
CO	PSO				
	1	2	3	4	5
CO1	1	1	2	3	1
CO2	1	1	2	2	2
CO3	1	1	2	3	2
CO4	1	1	2	2	1
CO5	1	1	2	2	1

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

CDF1201FS FASHION COMMUNICATION

(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester I :	Credit: 2	Hours per week: 2 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	recognise importance and identify the types of the employed in personal and professional communication environment			K1 remember
CO2	interpret listening and speaking skills in fashion concepts			K2 understand
CO3	develop the reading skills			K3 apply
CO4	make use of fashion articles and features for designing fashion magazine			K3 apply

COURSE CONTENT:

UNIT I: LISTENING AND HEARING

8 hrs.

Introduction to language skills (LSRW) – listening – listening & hearing – active vs passive listening – improving listening skills – fashion news – fashion shows – promotional campaigns

UNIT II: SPEAKING ON FASHION

7 hrs.

Speaking – speech vs enunciation – qualities of a good listener and a good speaker – oral communication – telephone conversations – web chat presentations – video or audio recordings – types of fashion advertising – social media captions – brand elements.

UNIT III: FASHION READING

8 hrs.

Reading – reading skills – sub-skills of reading (skimming & scanning) Fashion magazine – fashion journal – fashion publication review – articles – fashion blogs.

UNIT IV: WRITING E MAGAZINE

7 hrs.

Writing – written communication – qualities of good writing – styles – barriers in written communication – prepare an E-magazine (e book) consisting of self – designed cover page – editorial – content page – four articles related to fashion – one article general in nature – one advertisement for one 's own business.

TEXTBOOK(S):

Champagne, Brian, Kiera Farimond, & Brianna Bodily., (2017). *Writing for Electronic Media*. Utah State University, Print.

Gini Stephens, (1999). *Fring, Fashion, from Concept to Consumer*. (6th ed.), Prentice Hall. Print.

REFERENCE BOOK(S):

Jorgenson Malene, (2013). *How to become a Fashion Writer. Taking your Writing to the Runway*, One Door Press. Print.

Leonard Witt, (1991). *The Complete Book Feature Writing: From Great American Feature Writers, Editors, and Teachers*, Writer's Digest Book. Print.

Roland Barthes & Andy Stafford, (2013). *The Language of Fashion*, London: Bloomsbury. Print.

REFERENCE MAGAZINE(S):

VOGUE, FEMINA, WOMEN'S ERA, COSMOPOLITAN, INSTYLE, ELLE, SAVVY, BAZAAR

WEBLINK(S):

eBook(s):

Gross, Allison, Annemarie Hamlin, Billy Merck, Chris Rubio, Jodi Naas, Megan Savage, and Michele DeSilva, “*Technical Writing*” 2016,<https://www.oercommons.org/courses/technical-writing-by-annemarie-hamlin-chris-rubio-and-michele-desilva> ,CC-BY-NC-SA 4.0 license

Meiklejohn, J.M.D., “*The Art of Writing English: A Manual for Students: with Chapters on Paraphrasing, Essay-Writing, Précis Writing, Punctuation, and other, Matters*”, (1905), [https://upload.wikimedia.org/wikipedia/commons/2/2b/The art of writing English - a manual for students%2C with chapters on paraphrasing%2C essay-writing%2C pr%C3%A9ciswriting%2C punctuation%2C and other matters %28IA artofwritingeng100meik%29.pdf](https://upload.wikimedia.org/wikipedia/commons/2/2b/The_art_of_writing_English_-_a_manual_for_students%2C_with_chapters_on_paraphrasing%2C_essay-writing%2C_pr%C3%A9ciswriting%2C_punctuation%2C_and_other_matters_%28IA_artofwritingeng100meik%29.pdf), CC-BY-NC-SA 4.0 license.

Champagne, Brian, “*Writing for Electronic Media*”, 2019,https://www.oercommons.org/courses/writing_for-electronic-media , CC-BY-NC-SA 4.0 license.

COs cognitive level and mapping with PSOs

CDF1201FS FASHION COMMUNICATION					
CO	PSO				
	1	2	3	4	5
CO1	1	1	1	1	1
CO2	2	1	1	1	2
CO3	1	2	1	1	2
CO4	1	2	1	1	1

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

CDF2302CM FASHION STUDIES
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: II	Credit:3	Hours per week: 3 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	define the meaning of fashion and the terms involved			K1 Remember
CO2	explain the elements and principles of designs			K2 Understand
CO3	apply colour theories in dress design			K3 Apply
CO4	differentiate the types of figures based on their irregularities			K2 Understand
CO5	interpret the fashion trends			K2 Understand

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 TYPES9 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: COLOUR9 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 IRREGULARITIES9 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 PSYCHOLOGY9 hrs.

Adoption of fashion – trickle up – trickle down – trickle across – fashion cycle – factors influencing fashion – Indian costume designers – Manish Malhotra – Ritu Kumar – Subyasachi Mukherjee – Tarun Tahiliani – Rohit Bal – World costume designers – Calvin Klein – Doatella Versace – Valeentiono Garwani – Giorgio Armani – Coco Chanel

TEXTBOOK(S)

G. J. Sumathi, (2004). *Elements of Fashion and Apparel Design*, New Delhi: New Age International Pvt Ltd., Print. Chapters: 1, 2, 3 and 5.

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.
Jimsey Mc. & Harriet, (1973). *Art and Fashion in clothing selection*, Iowa: State University Press. Print.

COs cognitive level and mapping with PSOs

CDF2302CM FASHION STUDIES					
CO	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)

(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: II	Credit:4	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	illustrate different textures, patterns and draping techniques			K2 understand
CO2	demonstrate colour theories in accessories			K2 understand
CO3	make use of colour harmonies and design garments			K3 apply
CO4	develop designs to overcome figure irregularities using elements of design			K3 apply
CO5	apply the principles of design in fashion designing			K3 apply

COURSE CONTENT:

LIST OF PRACTICALS:

UNIT I: FABRIC RENDERING

15 hrs.

Draping techniques – Illustrate details of ruffles – cowls – shirring – smocking – quilting – draping – gathers pleats – frills and flounces – rendering of fabric swatches and fabric drapes using various color medium – crayon / steadlers oil pastels – pencil color – line work – stripling – watercolor – poster color – creating different fabric textures and patterns.

UNIT II: APPLICATION OF COLOUR THEORY

15 hrs.

1. Prang's colour chart – Value chart and Intensity chart
2. Accessories – hats – bags and foot wear
3. Accessories – scarves and stoles – bow and ties.

UNIT III: COLOUR HARMONIES

15 hrs.

Monochromatic – analogous – triad – complementary – split complementary – double complementary – cool and warm colours – application of colour harmonies on garments in 12 head figure.

UNIT IV: ELEMENTS OF DESIGN

15 hrs.

Line – shape – colour – form – texture – application of elements of design on garments to overcome figure irregularities.

UNIT V: PRINCIPLES OF DESIGN

15 hrs.

Symmetric and asymmetric balance – proportion – harmony – emphasis – rhythm through repetition – rhythm through radiation – rhythm through gradation – application of principles of design on garments in 12 head figures.

TEXTBOOK(S):

Patrick John Ireland, (2005). *Fashion Design Illustration*, New Delhi: B.T Batsford Ltd. Print.
Sharon Lee Tate, (2007). *Inside Fashion Design*, (5th ed.), United States: Pearson Education. Print.

REFERENCE BOOK(S):

Kiper Anna, (2011). *Fashion Illustration: Inspiration and Technique*, UK: David & Charles Publications. Print.

Thames & Hudson, (2010). *Basic Illustrations*, London: A V A Publishing Distributors. Print.

COs cognitive level and mapping with PSOs

CDF2401CP FASHION DESIGNING					
CO	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)

CDF2301AP FUNDAMENTALS OF CLOTHING CONSTRUCTION
(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: II	Credit: 3	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	recall the parts and types of sewing machine, tools, seams and seam finishes			K1 remember
CO2	practice neckline finishes and fullness			K3 apply
CO3	construct different types of plackets and fasteners			K3 apply
CO4	develop various types of sleeves and yokes			K3 apply
CO5	distinguish the different types of collars and pockets			K4 analyze

COURSE CONTENT:

UNIT I: SEWING MACHINE, TOOLS, SEAMS AND SEAM FINISHES 15 hrs.

- 1. Introduction to sewing machine – parts and functions – single needle machine – essential tools – cutting tools – measuring tools – marking tools – general tools – pressing tools.
- 2. Seams – types – plain – top stitch – single – double – flat fell – French – welt – slot – mantua makers – piped – plain – top stitch – single double – flat fell – French – slot – piped – seam finishes – types pinked – edge stitched – double stitch – overcast herring bone – bound seam – hemming – pinked – edge stitched – double stitch – bound seam hemming.

UNIT II: NECKLINE FINISHES AND FULLNESS 15 hrs.

- 1. Neckline finishes – bias facing – shaped facing and binding.
- 2. Fullness – dart – single – double – decorative dart – single – double – tucks – pin – piped – corded – shell or scalloped – cross – group tuck with scalloped – pin – piped – cross – group tuck with scalloped – pleat – knife – box – inverted – fan – cartridge – pinch – knife – box – inverted – flares – godets – gathers / shirrs – shirring by hand – machine – using elastic – with cord piping – ruffles / frills – double – circular – flounces – flares – godets – gathers / shirrs – machine – using elastic – ruffles / frills – double – circular.

UNIT III: PLACKETS AND FASTNERS15 hrs.

1. Placket – inconspicuous placket – bound and faced – zipper – slot seam zipper – conspicuous placket – tailored.
2. 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 – button hole – button loop – fabric loop – corded loop – button – shirt button – shank button – fabric – snaps or press button – hook and eyes.

UNIT IV: SLEEVES AND YOKES15 hrs.

1. 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 – set-in – sleeves – plain sleeves – puff sleeve – sleeve and bodice combined – raglan – kimono.
2. Yoke – types – simple yoke – yoke with fullness within the yoke – yoke supporting / releasing fullness.

UNIT V: COLLARS AND POCKETS15 hrs.

1. Collar – types – peter pan – scalloped – square – full shirt collar – open collar – Chinese – shawl collar – peter pan – full shirt collar – open collar.
2. Pocket – 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. Chapters: Part I -1,5,6,8,9,10, Part II -7,8,11,12.

REFERENCE BOOK(S):

Helen Joseph-Armstrong, (2010). *Pattern Making for Fashion Design*, (5th ed.), USA: Copyright © 2010, 2006 Pearson Education, Inc., publishing as Prentice Hall, Print.

Zarapkar K. R, (2008). *Zarapkar System of Cutting*, Ahmadabad: Navneet publications Ltd. Print.

COs cognitive level and mapping with PSOs

CDF2301AP FUNDAMENTALS OF CLOTHING CONSTRUCTION					
CO	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)

CDF2203 COMMUNICATION
FS DESIGN
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: II	Credit: 2	Hours per week: 2 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL

On successful completion of the course, the student will be able to		
CO1	recognise graphic and visual design	K1 Remember

CO2	interpret the elements and principles of design	K2 Understand
CO3	explain branding and its elements	K2 Understand
CO4	make use of typography for designing the garments	K3 Apply

COURSE CONTENT:

UNIT I: INTRODUCTION TO COMMUNICATION DESIGN 8 hrs.

Communication design - types of communication design – graphic design – visual communication design – designer and other professions – advertising campaigns – corporate design and branding – photojournalism – packaging and label creation – book cover design – mobile app design – web design.

UNIT II: HISTORY AND ELEMENTS OF COMMUNICATION DESIGN 7 hrs.

History and evolution of communication design – elements of communication design – point – line – shape – form – tone – texture – colour – type – principles of communication design – figure – balance – contrast – cropping – hierarchy – scale – proportion – pattern.

UNIT III: BRANDING 8 hrs.

Brand - brand identity – physical brand merchandise – importance of branding – logo – elements of brand designing – brand management – branding campaign – types of branding – product branding – branding concept.

UNIT IV: TYPOGRAPHY 7 hrs.

Introduction to typography – typeface – history of typography and typeface – difference between typography and typeface – bauhaus and its influence – commonly used typefaces and fonts – font psychology.

TEXTBOOK(S):

Alina Wheeler, (2017). *Designing Brand Identity: An Essential Guide for the Whole Branding Team*, Wiley Publishers. Print. Chapter: 3.

Jamer Hunt, (2017). *Visual Communication Design: An Introduction to Design Concepts in Everyday Experience*, Bloomsbury Publication. Print. Chapters: 2 and 3.

Richard Hunt, (2020). *Advanced Typography: From Knowledge to Mastery*, Bloomsbury Publication. Print. Chapter: 4.

REFERENCE BOOK(S):

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

Sharon Lee Tate, (2007). *Inside Fashion Design*, (5thed.), United States: Pearson Education. Print.

COs cognitive level and mapping with PSOs

CDF2203FS COMMUNICATION DESIGN					
CO	PSO				
	1	2	3	4	5
CO1	3	1	1	1	3
CO2	2	1	1	1	1
CO3	2	3	1	1	2
CO4	3	1	1	1	3

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

CDF3202CM CLOTHING SELECTION AND CARE
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: III	Credits: 2	Hours per week: 3 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	classify water sources and identify its hardness			K2 Understand
CO2	list the types of laundry agents			K1 Remember
CO3	compare the methods of laundering, preservation and storage for natural fibres and special fabrics			K2 Understand
CO4	identify the stain removal methods and the care labels			K3 Apply
CO5	organize a wardrobe for different age groups			K3 Apply

COURSE CONTENT:

UNIT I: WATER, SOAPS AND DETERGENTS

9 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: LAUNDERING AGENTS

9 hrs.

Bleaches – classification – types of bleaches – open air and sunlight – sodium hypochlorite – hydrogen peroxide – sodium perborate – sodium hydrosulphite – application of bleaches to various fabrics – right way to bleach – optical whiteners – laundry blues – fluorescent brightening agents – stiffening agents – classification – starch – gums – glues – preparation and uses of stiffeners.

UNIT III: LAUNDERING OF DIFFERENT FABRICS

9 hrs.

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

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

9 hrs.

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

REFERENCE BOOK(S):

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

Rajkishore Nayak & Swaminathan Rathna Pandian, (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). *Launder 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.

MAPPING: COs consistency with PSOs

CDF3202CM CLOTHING SELECTION AND CARE					
CO	PSO				
	1	2	3	4	5
CO1	1	2	1	1	1
CO2	1	1	1	3	1
CO3	1	1	1	3	1
CO4	1	1	1	3	1
CO5	1	1	1	3	1

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

CDF3301CM INDUSTRIAL GARMENT MACHINERY
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: III	Credits: 3	Hours per week: 4 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	list the different types of sewing machines			K1 Remember
CO2	illustrate the stitch mechanism of the sewing machine			K2 Understand
CO3	identify different methods and tools used for spreading and marking			K3 Apply
CO4	discuss cutting methods and pressing techniques			K2 Understand
CO5	classify the federal sewing standards			K2 Understand

COURSE CONTENT:

UNIT I: CLASSIFICATION OF SEWING MACHINES 12 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

12 hrs.

Stitching mechanism – Needles – bobbin and bobbin case – bobbin winding – loops and loops spreader – upper and lower threading – throat plates – take ups – tension discs – upper and lower thread tension – pressure foot and its types – feed mechanisms.

UNIT III: SPREADING AND MARKING

12 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

12 hrs.

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

UNIT V: FEDERAL STANDARDS

12 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.
e-book reference: www.slideshare.net

REFERENCE BOOK(S):

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

MAPPING: COs consistency with PSO

CDF3301CM INDUSTRIAL GARMENT MACHINERY					
CO	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).

CDF3402CT FABRIC FORMATION, STRUCTURE AND DESIGN (LAB CUM THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: III	Credits: 4	Hours per week: 3+2 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	explain the various types of looms and preparatory process in weaving			K2 Understand
CO2	define the different types of weaves in woven fabric			K1 Remember
CO3	relate the different types of fabric structure in woven fabric			K2 Understand
CO4	classify the types of knitting machine and its structure			K2 Understand
CO5	select the production methods of nonwoven fabric and draw the textile design			K3 Apply

COURSE CONTENT:

UNIT I: LOOMS AND ITS OPERATION

15 hrs.

Loom – types of loom – handloom – power loom – shuttleless loom – types – parts of loom – yarn preparation for weaving – winding – warping – sizing – basic weaving operations – objectives – primary motions – shedding – picking – beat-up – secondary motions – let-off – take-up – auxiliary motion – warp stop motion – weft stop motion – warp protector mechanism – weft protector mechanism – types of selvages.

PRACTICALS:

Identification of selvages.

UNIT II: INTRODUCTION TO WOVEN DESIGN

15 hrs.

Characteristics of woven fabric – classification of woven structure – method of weave representation – weave repeat – elements of woven design – design – draft – peg plan – types of draft plan – denting plan.

PRACTICALS:

Identification of woven design.

UNIT III: WOVEN FABRIC STRUCTURE

15 hrs.

classification of weaves – plain weave – introduction – modification of plain weave – warp rib weave – weft rib weave – matt rib weave – characteristics – end uses – twill weave – introduction – classification – continuous twill – zig zag twill – rearranged twill – combination twill – broken twill – figured twill – angle of twill – characteristics – end uses – satin – sateen – honeycomb – ordinary honeycomb – brighton honeycomb – huck-a-back – pile fabrics – classification – warp pile – weft pile – extra warp and extra weft – dobby – jacquard – characteristics – end uses.

PRACTICALS:

Design draft and draw peg plan of weaves – plain weaves and its variation – twill weave and its variation – satin weave – sateen weave – honeycomb weave – huck – a – back weave – extra warp and extra weft figuring.

UNIT IV: INTRODUCTION TO KNITTING

15 hrs.

Knitting – definition – terminology – elements – classification – weft knitting – stitches for weft knitting – weft knitting machines – weft knit structure – warp knitting – warp knit structure – warp knitting machine – difference between warp and weft knitting – difference between knitted and

woven fabrics – common defects in knitting.

PRACTICALS:

Weft knitting structure – single jersey – rib – interlock – purl structure – Warp knitting structure
raschel – tricot.

UNIT V: INTRODUCTION TO NON-WOVEN AND TEXTILE DESIGN 15 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 – Textile Design – types of textile design – types of repeat structures.

PRACTICALS:

Motif – types of textile design – natural – geometric – stylized – abstract – historical – traditional repeat structures – block – half block – brick – half brick – drop – half drop – mirror – diamond repeat – ogee – toss/random – stripes – spot repeat – directional –two directional – Non-directional – turning pattern – flipping horizontal – flipping vertical – turning spot – horizontal – vertical.

TEXTBOOK(S):

Gokarneshan N., (2005). *Fabric Structure and Design*, New Delhi: New Age International Publishers. Print. Chapters: 1-6,10-13

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

Rastogi Deepali & Chopra Sheetal (2017) *Textile Science*, Telangana: Orient Blackswan Private Ltd. Print. Chapters: Unit II.

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):

Adanur Sabit, (2004) *Handbook of weaving*, Boca Raton: Taylor & Francis. Print.

Ajgoankar 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*, (6th ed.), Singapore: McGraw Hill Book Co. Print.

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

MAPPING: COs consistency with PSOs

CDF3402CT FABRIC FORMATION, STRUCTURE AND DESIGN					
CO	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)

CDF3401CP KIDS WEAR

(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: III	Credits: 4	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	illustrate appropriate design for kids wear			K2 Understand
CO2	choose suitable measurements and fabric required for kids wear			K1 Remember
CO3	develop appropriate patterns for constructing kids wear			K3 Apply
CO4	calculate the fabric consumption and cost			K3 Apply
CO5	construct different types of kids wear			K3 Apply

COURSE CONTENT:

UNIT I: DESIGN DEVELOPMENT

15 hrs.

Design – illustrate – flat sketches – bib – panty – knicker – baba suit – petticoat – frock – school uniform for girls – school uniform for boys.

UNIT II: FABRIC SELECTION AND MEASUREMENT

15 hrs.

Fabric selection – suitable measurement – bib – panty – knicker – baba suit – petticoat – frock – school uniform for girls – school uniform for boys.

UNIT III: PREPARATION OF PATTERN

15 hrs.

Draft – pattern making – 1/4th pattern – bib – panty – knicker – baba suit – petticoat – frock – school uniform for girls – school uniform for boys.

UNIT IV: ESTIMATION OF COST AND FABRIC

15 hrs.

Fabric estimation – cost calculation – bib – panty – knicker – baba suit – petticoat – frock – school uniform for girls – school uniform for boys.

UNIT V: GARMENT CONTRUCTION

15 hrs.

Garment – construction – bib – panty – knicker – baba suit – petticoat – frock – school uniform for girls – school uniform for boys.

TEXTBOOK(S):

Mary Mathews, (1986). *Practical Clothing Construction*–Part I and II, Chennai: Cosmic Press. print.
Zarapker. K. R, (2008). *Zarapker system of cutting*, Ahmadabad: Navneet publications Ltd. Print.

REFERENCE BOOK(S):

Chris Jefferys, (1986). *The complete Books of Sewing*, London: Dorling Kindersley Limited. print.
Sewing and Knitting, (1993). *A Readers Digest, step-by guide*, Australia: Readers Digest Pvt. Ltd. print.
Winifred Aldrich, (2012). *Metric Pattern Cutting for Children's Wear and Babywear*, UK: John Wiley & Sons Ltd., Publication. print.

MAPPING: COs consistency with PSOs

CDF3401CP KIDS WEAR					
CO	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)

CDF3302CP SURFACE EMBELLISHMENT
(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: III	Credits: 3	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	select the basic tools for embroidery			K1 Remember
CO2	outline the basic embroidery stitches			K2 Understand
CO3	analyse the different methods of surface ornamentation techniques			K4 Analyse
CO4	identify the traditional embroideries of India using basic stitches			K1 Remember
CO5	develop the appropriate surface embellishment techniques to enhance the value of home furnishing and apparel fabrics			K3 Apply

COURSE CONTENT LIST

OF EXPERIMENTS

UNIT I: TOOLS AND BASICS TO SURFACE EMBELLISHMENT

15 hrs.

1. Frame – needle – thimble – types of fabric and threads – types of stitches – embroidery hoop wrapping.
2. Line stitches – running stitch – stem stitch – back stitch – interlaced back stitch –Pekinese stitch – split stitch – split back stitch – rope stitch.
3. Loop stitches – chain stitch – double chain stitch – whipped chain stitch – lazy daisy stitch – square chain – reverse chain stitch – rosette chain stitch – braided chain stitch.

UNIT II: BASIC EMBROIDERY STITCHES

15 hrs.

1. Filling stitch – satin – long and short – brick satin – encroaching satin – **chevron stitch- double chevron stitch – chevron filling stitch.**
2. seeding – french knot – bullion knot – pistil stitch – colonial stitch – wheat ear stitch – plucked knot – four-legged knot.
3. Cross stitch – double cross stitch – dutch cross stitch – padded cross stitch - herring bone – double herring bone – close herring bone- tacked herringbone stitch.
4. Edging stitch – blanket stitch – double blanket stitch - buttonhole stitch – whipped buttonhole – buttonhole stitch – buttonhole bar – feather stitch – fish bone.

UNIT III: SURFACE ORNAMENTATION TECHNIQUES

15hrs.

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

UNIT IV: TRADITIONAL EMBROIDERY

15 hrs.

1. Kantha of Bengal – Kashida of Kashmir – Embroidery of Gujarat – Phulkhari of Punjab – Chikankari of Uttarpradesh – Kasuti of Karnataka – Chamba rumal of Himachal Pradesh.

UNIT V: APPLICATION OF THE SURFACE EMBELLISHMENT:

15 hrs.

1. Home furnishing – garment.

TEXTBOOK(S):

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

REFERENCE BOOK(S):

Dueep Jyot Singh, John Davidson, (2016). *Learning the Traditional Art of Hand Embroidery*, Mendon Cottage Books, USA.
Dueep Jyot Singh, John Davidson, (2016). *Learning Decorative Stitches the Art of Shirring and Smocking*, Mendon Cottage Books, USA.
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.

VIDEO(S):

Top 10 Stitches Embroidery for Beginners | FREE Pattern (2020 July 6), *Basic stitches –*
Video file, <https://youtu.be/d02z7Gv3A7M>.CC by License

Essential Embroidery Material For beginner embroidery | Embroidery material list | hoopsnme (2022 April 25), *Introduction to embroidery things* – Video file, <https://youtu.be/TiQWiBjJ8ms>, CC by License.

MAPPING: COs consistency with PSOs

CDF3302CP SURFACE EMBELLISHMENT					
CO	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).

CDF3301AA BUSINESS ACCOUNTING
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: III	Credits: 3	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	define accounting concepts and conventions			K1 Remember
CO2	discuss subsidiary books and bank reconciliation statement			K2 Understand
CO3	solve trading concerns in financial accounts			K3 Apply
CO4	apply costing techniques for decision making			K3 Apply
CO5	list the various types of budget			K1 Remember

COURSE CONTENT:

- UNIT I: ACCOUNTING PRINCIPLES AND CONVENTIONS**
15 hrs.
 Introduction to accounting principles – meaning and scope of accounting – double entry system – advantages – difference between double entry and single entry – accounting concepts – principles – 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**
15 hrs.
 Preparation of financial accounts – trading and profit and loss account – balance sheet – adjustment entries.
- UNIT IV: INTRODUCTION TO COST ACCOUNTING**
15 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 **15 hrs.**

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

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):

Goyal V.K., (2009). *Advanced Accountancy*, New Delhi: Excel Books India. Print.
 Gupta, R.L & Gupta V.K, (2016). *Financial Accounting*. New Delhi: Sultan Chand & Sons. Print. Iyengar S.P., (2010). *Cost and Management Accounting*, New Delhi: Sultan Chand & Sons. Print.
 Khan and Jain, (2012). *Management and Cost Accounting*, New Delhi: Vikas Publishing House Pvt. Ltd. Print. Narayanaswamy, (2018). *Financial Accounting*. New Delhi: PHI Learning Private Ltd. Print.
 Reddy TS, Moorthy A, (2012). *Advanced Accountancy*, Chennai: Margham Publications. Print.

MAPPING: COs consistency with PSOs

CDF3301AA BUSINESS ACCOUNTING					
CO	PSO				
	1	2	3	4	5
CO1	1	1	1	1	1
CO2	1	1	1	1	1
CO3	2	1	2	1	3
CO4	1	1	2	1	1
CO5	2	2	1	2	3

Strongly correlated (3), Moderately correlated (2), Weakly correlated (1).

CDF4501CM TEXTILE PROCESSING
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: IV	Credits: 5	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	define fabric preparatory process			K1 Remember
CO2	explain the methods of textile processing			K2 Understand
CO3	identify the process of dyeing			K3 Apply

CO4	outline the process of printing	K2 Understand
CO5	apply the different techniques used for screen printing and resist printing	K3 Apply

COURSE CONTENT:

UNIT I: INTRODUCTION TO PREPARATORY PROCESSES **15 hrs.**

Preparatory process – sequences of wet processing – singeing – types – plate singeing machine – roller singeing machine – gas singeing machine – advantages and disadvantages – desizing – types – hydrolytic – rot steeping – acid steeping – enzymatic steeping – oxidative – chlorine – chlorite – bromite – scouring – cellulosic – synthetic – process – advantages and disadvantages.

UNIT II: METHODS OF PREPARATORY PROCESS **15 hrs.**

Bleaching – objectives – methods – hydrogen peroxide – hypochlorite bleaching – sodium chlorite – mercerization – objectives – process – degumming and weighting of silk – process – advantages and disadvantages – carbonising – process – crabbing – process – decating – process – fulling – process.

UNIT III: PROCESS OF DYEING **15 hrs.**

Dyeing – stages of dyeing – dope – fibre – yarn – piece dyeing – types – methods of dyeing – machineries used for dyeing process – batch – winch – jigger – padding mangle – HT beam jet – package dyeing – garment dyeing – types of dyes – acid dyes – basic dyes – direct dyes – vat dyes – reactive dyes – disperse dyes – sulphur dyes – natural dyes – fundamentals of synthetic dyeing – methods of dyeing polyester –dyeing at boil without carrier – dyeing at boil with carrier – high temperature high pressure – thermosol dyeing – alkaline dyeing of polyester.

UNIT IV: INTRODUCTION OF PRINTING **15 hrs.**

Printing – introduction of printing – differences between printing and dyeing – preparation of fabric methods and styles of printing – printing paste – selection of thickening agents – 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 and techniques used – roller printing – process and techniques.

UNIT V: SCREEN PRINTING AND RESIST PRINTING **15 hrs.**

Introduction – brief history – flat screen and rotary screen printing – preparation of screen – print paste – screen printing process – discharge printing – chemicals used – process involved – Resist printing – introduction – brief history – batik printing – equipment required – process sequence and technique used – tie and dye – brief history – equipment required – process sequence – and techniques used – recent printing method.

TEXTBOOK(S):

Karmakar S.R., (1999). *Chemical Technology in The Pretreatment Processes in Textile*, Newyork: Elsevier Ltd. Print. (Chapter: II, III, IV, V, VI, VII & IX).

Rastogi Deepali & Chopra Sheetal, (2017). *Textile Science*, Hyderabad: Orient Blackswan Ltd. Print. (Chapter: III).

REFERENCE BOOK(S):

Barker. F., (2010). *Ornamentation and Textile Design*, Chandigarh: Abhishek Publications. Print.

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

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*, (9th 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: Se Vale Publications. Print.

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

Sara J. Kadoph and Anna L. Langford, (2002). *Textiles*, (9th ed.), New Jersey: Prentice Hall. Print.

MAPPING: COs consistency with PSOs

CDF4501CM TEXTILE PROCESSING					
CO	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)

CDF4502CM HISTORY OF FASHION
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: IV	Credits: 5	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	list the terminologies used for historic costumes in different civilizations			K1 Remember
CO2	classify the various costumes of different states of India			K2 Understand
CO3	identify traditional textiles and design techniques of India			K3 Apply
CO4	explain the costumes used in different parts of the world			K2 Understand
CO5	find the origin and evolution of designer garments			K1 Remember

COURSE CONTENT:

UNIT I: HISTORY OF INDIAN FASHION **15 hrs.**

Beginning of costume – terminologies in history of Indian costume – Indus Valley and Harappa Period (3300 – 1300 BC) – Vedic Period (1500 – 500 BC) – 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 DESIGNS **15 hrs.**

Paithani – Himru – Mashru – Patola – Ikat – Chanderi – Maheswari – Banaras – Pochampalli – Kanchipuram – Dhakai cotton – Baluchari – Traditional designs techniques – Madhubani – Kalamkari – Sanganer – 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 **15 hrs.**

Clothes and fashion – fashion as art – Charles Frederick Worth and the beginning of haute couture – the 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*, (1st ed.), New Delhi: Kalyani Publishers. Print.

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

MAPPING: COs consistency with PSOs

CDF4502CM HISTORY OF FASHION					
CO	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).

CDF4401CP GARMENT CONSTRUCTION IN WOMEN’S WEAR
(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: IV	Credits: 4	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	illustrate an appropriate design for women’s wear			K1 Remember
CO2	choose suitable fabric, measurements and estimation for women’s wear			K1 Remember

CO3	develop an appropriate pattern for constructing women's wear	K3 Apply
CO4	show the miniature pattern for women's wear	K3 Apply
CO5	construct different types of women's wear	K3 Apply

COURSE CONTENT:

UNIT I: DESIGN DEVELOPMENT

15 hrs.

Design – illustrate – flat sketches – innerwear – traditional wear – skirt/saree petticoat – night wear – kameez – salwar – blouse – western wear – midi top – long – short – gown/maxi – formal pants – formal shirt.

UNIT II: FABRIC SELECTION, MEASUREMENT AND ESTIMATION

15 hrs.

Fabric selection – suitable measurement – fabric estimation – cost calculation – innerwear – traditional wear – skirt/saree petticoat – night wear – kameez – salwar – blouse – western wear – midi top – long – short – gown/maxi – formal pants – formal shirt.

UNIT III: PREPARATION OF PATTERN MAKING

15 hrs.

Draft – pattern making – innerwear – traditional wear – skirt/saree petticoat – night wear – kameez – salwar – blouse – western wear – midi top – long – short – gown/maxi – formal pants – formal shirt.

UNIT IV: PREPARATION OF MINIATURE PATTERN

15 hrs.

Draft – miniature pattern – innerwear – traditional wear – skirt/saree petticoat – night wear – kameez – salwar – blouse – western wear – midi top – long – short – gown/maxi – formal pants – formal shirt.

UNIT V: GARMENT CONSTRUCTION

15 hrs.

Garment – construction – innerwear – traditional wear – skirt/saree petticoat – night wear – kameez – salwar – blouse – western wear – midi top – long – short – gown/maxi – formal pants – formal shirt.

TEXTBOOK(S):

Winifred Aldrich, (2015). *Metric Pattern Cutting for Women's Wear*, (6th ed.), Blackwell Publishing. print.

Ann Haggard, (2004). *Pattern Cutting for Lingerie, Beachwear and Leisurewear*, Blackwell Publishing. print.

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). *Zarapkar, System of Cutting*, Mumbai: Navneet Publications Ltd. Print.

Page no. 43, 85, 86, 95, 97, 113, 125

REFERENCE BOOK(S):

Winifred Aldrich, (2002). *Pattern Cutting for Women's Tailored Jackets*, Blackwell Publishing. print.

MAGAZINE(S):

Reader's Digest Sewing guide, (2013). *Complete Guide to Sewing* (13th 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.

MAPPING: COs consistency with PSOs

CDF4401CP GARMENT CONSTRUCTION IN WOMEN'S WEAR					
CO	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
CO5	3	3	3	1	3

Strongly correlated (3), Moderately correlated (2), Weakly correlated (1).

CDF4201CP TEXTILE PROCESSING LAB

(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: IV	Credits: 2	Hours per week: 4 hrs.
Cos	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	demonstrate the methods of preparatory process			K2 Understand
CO2	outline the process of dyeing methods			K2 Understand
CO3	apply the different methods of printing			K3 Apply
CO4	develop resist printing using various methods			K3 Apply
CO5	construct the garment by applying method of printing and dyeing			K3 Apply

COURSE CONTENT:

UNIT: I PREPARATORY PROCESS OF FABRIC

12 hrs.

Desizing – Scouring – Bleaching – Mercerization

UNIT: II DYEING OF FABRIC

12 hrs.

Acid dye – Basic dye – Direct dye – Sulphur dye – Disperse dye – Reactive dye – Natural Dye – three samples.

UNIT: III PRINTING OF WOVEN FABRIC

12 hrs.

Block printing – Wooden block – Vegetable block – Leaf block – Stencil printing – Brushing– Sponging – Spraying.

UNIT: IV DESIGN WITH PRINTS

12 hrs.

Tie and Dye – SunBurst – Marbling – Stripes – Random Tie – Tritik – Batik – T-Janting – Crackled Batik – Screen printing.

UNIT: V DESIGN WITH GARMENT

12 hrs.

Design and construct a garment by using the methods – dyeing – printing.

TEXTBOOK(S):

Karmakar S.R., (1999). *Chemical Technology in The Pretreatment Processes in Textile*, Newyork: Elsevier Ltd. Print. (Chapter: II, III, IV, V, VI, VII & IX)

Rastogi Deepali & Chopra Sheetal, (2017). *Textile Science*, Hyderabad: Orient Blackswan Ltd. Print. (Chapter: III)

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*, (9th 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: Se Vale Publications. Print.

MAPPING: Cos consistency with PSOs

CDF4201CP TEXTILE PROCESSING LAB					
CO	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)

CDF4402CP DRAPING TECHNIQUES IN FASHION

(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: IV	Credits: 4	Hours per week: 5 hrs.
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	list the steps involved in draping			K1 Remember
CO2	demonstrate skirt draping			K2 Understand
CO3	develop sleeve and collar draping			K3 Apply
CO4	interpret block variation in draping			K2 Understand
CO5	apply trueing for draping			K3 Apply

COURSE CONTENT:

LIST OF PRACTICALS

UNIT I: BASIC BODICE DRAPING 15 hrs.

Introduction to draping – draping – basic bodice – front – back – dart manipulation.

UNIT II: SKIRT DRAPING 15 hrs.

Draping of skirt – basic/one-piece skirt – two-piece basic skirt – pleated skirt.

UNIT III: SLEEVE AND COLLAR DRAPING 15 hrs.

Draping of basic sleeve – dolman sleeve – raglan sleeve – draping of collars – convertible – peter pan – stand collar.

UNIT IV: BLOCK VARIATION 15 hrs.

Draping of bodice with flounce – princess bodice – asymmetric bodice – cowl.

UNIT V: TRUEING15 hrs.

True the pattern – seam allowance – pattern details.

TEXTBOOK(S):

Crawford, Connie Amaden, (2005). *The Art of Fashion Designing*. U.S.A: (3rd ed.), Laurence KingPublishing, Print.

REFERENCE BOOK(S):

Emeritus, Hilde Jaffe. (2011). *Draping for Fashion Design*, (5th ed.) U.S.A:

Prentice Hall, Print. Kiisel, Karolyn. (2013). *Draping: The Complete Course*. U.S.A:

Laurence King Publishing, Print.

Mapping: COs consistency with PSOs.

CDF4402CP DRAPING TECHNIQUES IN FASHION					
CO	PSO				
	1	2	3	4	5
CO1	1	1	1	1	1
CO2	2	3	3	2	2
CO3	1	1	2	1	1
CO4	3	1	3	2	1
CO5	3	3	3	2	3

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

CDF4201SP FASHION CRAFT

(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: IV	Credits: 2	Hours per week: 2 hrs.
Cos	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	interpret bead craft techniques			K2 Understand
CO2	show the different knitting and crocheting techniques			K2 Understand
CO3	demonstrate refashioning of fabrics			K2 Understand
CO4	develop upcycled fashion articles			K3 Apply

COURSE CONTENT:

LIST OF PRACTICALS

UNIT I: BEAD CRAFTS7 hrs.

Peyote stitch – right angle weave – brick stitch.

UNIT II: KNITTING AND CROCHETING8 hrs.

Knitting – casting on – knit stitch – casting off – Crochet motifs – square – flower – circle.

UNIT III: REFASHIONING OF FABRICS7 hrs.

Stitching method – miniature toy – bonding method – fabric bead – fabric pendant.

UNIT IV: UPCYCLING OF FASHION8 hrs.

Layering and slashing method – bag – refashioning of garments – stitching methodologies.

TEXTBOOK(S):

Erika Knight, (2008). *Harmony Guides Basic Crochet Stitches: 250 to crochet*, London: Collins and Brown Publications. Print. Chapters: 1 to 4.

Dr. Neelima, (2009). *Wearing Knitting Crocheting and Knotting*, New Delhi: Sonali Publications. Print. Chapters: 9 to 11.

REFERENCE BOOK(S):

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

Gini Stefen Fring, (2007). *Fashion: From Concept to Consumer*. (9th 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.

Mapping: Cos consistency with PSOs.

CDF4201SP FASHION CRAFT					
CO	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

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

CDF5401CM TECHNICAL TEXTILES
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: V	Hours per week: 5 hrs.	Total Hrs. 75
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	relate the definition and applications of technical textiles			K-1 Remember
CO2	describe fibres used in technical textiles			K-2 Understand
CO3	explain the various finishes used in technical textiles			K-2 Understand
CO4	choose the fabrics suitable for protective and survival textiles			K-3 Apply
CO5	identify the smart and intelligent textiles			K-2 Understand

COURSE CONTENT:**UNIT I: INTRODUCTION TO TECHNICAL TEXTILES****15 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**15 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 **15 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 fibres – fibres suitable for protective textiles – waterproof breathable fabrics – densely woven fabrics – membranes and coatings.

UNIT V: SMART AND INTELLIGENT TEXTILES **15 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. Chapters: 1, 2, 3, 4 and 5.

REFERENCE BOOK(S):

Adanur & S. Wellington, (2017). *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.

MAPPING: COs consistency with PSOs

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

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

CDF5402CM FASHION MERCHANDISING

(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: V	Hours per week: 5 hrs.	Total Hrs. 75
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	recall the merchandising procedures in the industry			K-1 Remember
CO2	interpret merchandising plan and sales forecasting			K-2 Understand
CO3	organise various design processes of merchandising			K-3 Apply
CO4	identify the elements of costing, sourcing and pricing of products			K-2 Understand
CO5	illustrate the production systems and quality control mechanism			K-3 Apply

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 III: 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., (2010). *Fashion from Concept to Consumers*, (9th ed.), New Jersey: Pearson Education. Print. Chapter 1, 2, 3, 4, and 5.

REFERENCE BOOK(S):

Dickerson, K.G., (2002). *Inside the Fashion Business*, (7th ed.), South Asia: Dorling Kindersley Pvt. Ltd. Print.

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

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

MAPPING: COs consistency with PSOs

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

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

CDF5201CM RESEARCH METHODOLOGY
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: V	Hours per week: 2 hrs.	Total Hrs.: 30
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	identify the types of research			K-1 Remember
CO2	classify the types of research design			K-2 Understand
CO3	apply the methods of data collection			K-3 Apply
CO4	organize data for research			K-3 Apply

COURSE CONTENT:

UNIT I: INTRODUCTION OF RESEARCH AND RESEARCH PROCESS 7 hrs.

Meaning of research – objectives of research – motivation of research – types of research – research approaches – significance of research – research process – criteria of good research – research problem – selecting the problem – necessity – techniques involved in defining the problem.

UNIT II: RESEARCH DESIGN SAMPLING AND DATA COLLECTION 8 hrs.

Research design – meaning of research design – features of good design – different research designs – basic principles of experimental design – important experimental design – sample design – types of sampling designs – collection of data in textile research – primary data – secondary data – method for data collection.

UNIT III: ANALYSIS INTERPRETATION OF DATA AND REPORT WRITING 7 hrs.

Types of analysis – statistics in research – meaning of interpretation – techniques of interpretation – precautions in interpretations – significance of report writing – different steps in report writing – types of report.

UNIT IV: RESEARCH AND FASHION FORECASTING

8 hrs.

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):

Gini S.F., (2007). *Fashion from concept to consumer*, United States of America: Prentice Hall Publications. Print. Chapter 4.

Kothari C.R. & Gaurav Garg, (2019). *Research Methodology Methods and Techniques*, (4th ed.), New Delhi: New Age International Publisher. Print. Chapters: 1,2 & 3.

REFERENCE BOOK(S):

Kulbir Singh Sidhu, (2009) *Methodology of Research in Education*, New Delhi: Sterling Publisher Pvt. Ltd. Print.

Shraddha Bhome et.al, (2013) *Research Methodology*, Mumbai: Himalaya Publishing House Pvt. Ltd. Print.

WEBLINK(S):

Video:

Martin. (2017 May 23). The scientific method and the research process [Video File]. Retrieved from <https://www.youtube.com/watch?v=9Bz4CT1D3Og> CC By license.

Prof. Vasudha Kamat. (2019 Feb 14). Methods of Data Collection [Video File]. Retrieved from <https://www.youtube.com/watch?v=ttQNHGxeNWs> CC By license.

Mapping: COs consistency with PSOs

CDF5201CM RESEARCH METHODOLOGY					
CO	PSO				
	1	2	3	4	5
CO1	2	3	2	2	2
CO2	3	3	3	3	2
CO3	3	3	2	2	2
CO4	3	3	2	3	3

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

CDF5202CM FASHION RETAILING AND MARKETING
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: V	Hours per week: 4 hrs.	Total Hrs.: 60
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	define marketing and its classification			K-1 Remember
CO2	interpret various marketing strategies			K-2 Understand

CO3	identify various types of retail operations	K-3 Apply
CO4	discuss the changes in fashion retailing	K-2 Understand
CO5	demonstrate marketing management	K-2 Understand

COURSE CONTENT:

UNIT I: INTRODUCTION TO MARKETING

12 hrs.

Introduction – evolution – meaning – classification of market – micro marketing and macro marketing – selling – difference between selling and marketing – modern marketing – factors influencing marketing concept – world's fashion markets.

UNIT II: MARKETING STRATEGY

12 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

12 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 catalogue.

UNIT IV: CHANGING DIMENSIONS OF FASHION RETAILING

12 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: MARKETING MANAGEMENT

12 hrs.

Introduction – Meaning – characteristics – functions – demand management – negative demand – no demand – latent demand – falling demand – irregular demand – full demand – overall demand – unwholesome demand – sales management – difference between marketing and sales management – marketing organisation – principles – types – Military – functional – line and staff – committee geographical – product – market – metrics – merits and demerits.

TEXTBOOK(S):

Chandra bose D., (2006). *Modern Marketing*, Delhi: PHI Learning Pvt Ltd. Print. Chapters: 1 & 3
Gini S.F., (2007). *Fashion from concept to consumer*, United States of America: Prentice Hall Publications. Print. Chapters:3,4.
Kitty G. D., (2003). *Inside the Fashion Business*, New Jersey: Pearson Education. Print. Chapters:2,3.
RSN Pillai & Bagavathi (2010) *Marketing Management*, New Delhi: S Chand and company Ltd. Print. Chapters: 1, 2, 3, 4 & 5.

REFERENCE BOOK(S):

Dickerson Kitty G., (2003). *Inside the Fashion Business*, (7th ed.), New Delhi: Pearson education. Print.
Frings Gini Stephens, (2007). *Fashion from Concept to Consumers*, (9th ed.), New Delhi: Pearson Education. Print.
Philip K., (2010). *Principles of marketing*, New Jersey, Pearson Education. Print.

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

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

WEBLINK(S):

Video:

NIOS Senior Secondary Courses. (2019, April 30)“Forms of Business Organisation – Part I” [Video File]. Retrieved from <https://www.youtube.com/watch?v=AlmOaSoDkTY> CC BY License.

Mapping: COs consistency with PSOs

CDF5202CM FASHION RETAILING AND MARKETING					
CO	PSO				
	1	2	3	4	5
CO1	2	2	2	3	3
CO2	2	1	2	3	3
CO3	2	1	2	3	3
CO4	3	2	2	3	3
CO5	3	3	2	3	3

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

**CDF5401CP GARMENT CONSTRUCTION IN MEN’S WEAR
(LAB)**

Class: B.Sc. Costume Design and Fashion		Semester: V	Hours per week: 6 hrs.	Total Hrs.: 90
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	choose a suitable design for men’s garment			K-1 Remember
CO2	explain the process involved in selection, measurement and estimation of the fabric			K-2 Understand
CO3	relate style with the pattern of the garment			K-2 Understand
CO4	demonstrate production and estimation of the garments			K-3 Apply
CO5	experiment with the different techniques of stitching in men’s wear			K-4 Analyze

COURSE CONTENT:

UNIT I: DESIGN DEVELOPMENT 18 hrs.

Design – illustrate – flat sketches – formal wear – shirt – flat front trousers – S.B.waist coat – traditional wear – sherwani – dhoti pants – casual wear – nehru kurtha – kalidar kurtha – bib shirt.

UNIT II: FABRIC SELECTION AND MEASUREMENT 18 hrs.

Fabric selection – suitable measurement –formal wear – shirt – flat front trousers – S.B.waist coat – traditional wear – sherwani – dhoti pants – casual wear – nehru kurtha – kalidar kurtha – bib shirt.

UNIT III: PATTERN MAKING 18 hrs.

Draft – pattern making – formal wear – shirt – flat front trousers – S.B.waist coat – traditional wear – sherwani – dhoti pants – casual wear – nehru kurtha – kalidar kurtha – bib shirt.

UNIT IV: PRODUCTION AND ESTIMATION18 hrs.

Production – fabric estimation – layout – cost calculation – formal wear – shirt – flat front trousers – S.B.waist coat – traditional wear – sherwani – dhoti pants – casual wear – nehru kurtha – kalidar kurtha – bib shirt.

UNIT V: GARMENT CONTRUCTION18 hrs.

Garment – construction – formal wear – shirt – flat front trousers – S.B.waist coat – traditional wear – sherwani – dhoti pants – casual wear – nehru kurtha – kalidar kurtha – bib shirt.

TEXTBOOK(S):

Gareth Kershaw, (2013). *Pattern Making for Menswear*, Laurence King Publishing, Print.
Chapters: 2, 3.

Zarapkar K. R, (2017). *Zarapker System of Cutting*, (2nd ed.). Mumbai: Navneet Publications Ltd.
Print. Chapters:1, 2, 3, 4 & 5

REFERENCE BOOK(S):

Alison Smith, (2012), *Dressmaking*, New York: Dorling Kindersley Publications Ltd. Print.

Alam Pervez Khan, (2007) *Men’s Wear Pattern Making*, Pankaj Publication International. Print.

Helen Joseph Armstrong, (2014) *Patternmaking for Fashion Design*, Dorling Kindersley (India) Pvt. Ltd. Print.

Winifred Aldrich, (2011) *Metric Pattern Cutting for Menswear*, A John Wiley & Sons, Ltd, Publication. Print.

Mapping: COs consistency with PSOs

CDF5401CP GARMENT CONSTRUCTION IN MEN’S WEAR					
CO	PSO				
	1	2	3	4	5
CO1	3	3	3	2	3
CO2	2	2	3	2	3
CO3	2	3	3	2	3
CO4	2	2	3	2	2
CO5	3	3	3	3	3

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

CDF5301CP COMPUTER AIDED DESIGNING - I
(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: V	Hours per week: 6 hrs.	Total Hrs.: 90
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	recall the tools used in the software			K-1 Remember
CO2	demonstrate the techniques of drawings and layers			K-2 Understand

CO3	describe the modes of colors and color swatches	K-2 Understand
CO4	analyse the methods of transforming objects and pattern creation	K-4 Analyze
CO5	illustrate garment designing	K-3 Apply

COURSE CONTENT:

UNIT I: INTRODUCTION TO ADOBE ILLUSTRATOR

18 hrs.

Introduction – Adobe Illustrator need for fashion industry – workspace overview – tools and menu bar – creating a new document – shortcut keys and uses – importing and exporting images – art board setup and size making – saving and printing the file in adobe PDF format – GIF format – Illustrator format – JPEF format – PNG format.

UNIT II: DRAWINGS AND LAYERS

18 hrs.

Drawing – adjusting anchor points with pen tool – segment – adding converting raster to vector – outline stroke and sizes – figure drawing – stick – block – flesh – tracing artwork – path – layers – pathfinder – align and distribution.

UNIT III: COLORS AND COLOR SWATCHES

18 hrs.

Coloring the object – CMYK and RGB colors – conversion of RGB to CMYK – blending modes – using the color palette – color wheels model – pantone colors and numbers – pick color from images gradient effect – giving gradient effects to objects swatches – swatch libraries – moving swatches to swatches palette – swatches palette loading colors – from other files filters – filters and uses – working with filters – giving effects to pictures character – work with text – typography and uses – managing sizes – adding and removing fonts – typography design.

UNIT IV: TRANSFORM AND PATTERN CREATION

18 hrs.

Transform – scale strokes and effects – transform pattern – transform object only symbols – adding and removing symbols – designs using symbols creating stripe creating pattern – creating the repeat – working with effects – color combination – generate print color way – generate stripe color way.

UNIT V: GARMENT DESIGNING

18 hrs.

Designing garments – draw men's shirt with details – draw women's kurtas with details – draw trousers with details – coloring the garment – draw accessories like belt shoes – caps buttons – bows and buckles graphics – draw or trace flowers and objects – draw vector graphics and add colors – draw graphics mix with photoshop layers – draw typography graphics and fix it to silhouettes.

REFERENCE BOOK(S):

Centner, Marianne & Frances Verekar, (2011). *Fashion Designer's Handbook for Adobe Illustrator*, (2nd ed.), Wiley. Print.

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

WEBLINK(S):

Video:

Andy Tells Things (2022, March 4) *Every Adobe Illustrator Tool Explained* [Video file]. Retrieved from <https://youtube.com/watch?v=iQWTSupSrko&si=EnSikaIECMiOmarE>. CC BY license.

Fashion Vector Design (2020, July 14) *Technical drawing | Trousers |Technical drawing of clothes | Adobe illustrator in fashion design* [Video file]. Retrieved from <https://youtube.com/watch?v=EoRTKYHLP2A&si=EnSlkalECMiOmarE>. CC BY license.

MAPPING: COs consistency with PSOs

CDF5301CP COMPUTER AIDED DESIGNING I					
CO	PSO				
	1	2	3	4	5
CO1	3	3	1	2	1
CO2	3	3	2	2	2
CO3	2	3	2	1	3
CO4	3	3	3	2	3
CO5	3	3	3	2	3

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

**CDF6501CM ORGANISATION OF GARMENT UNIT
(THEORY)**

Class: B.Sc. Costume Design and Fashion		Semester: VI	Hours per week: 5 hrs.	Total Hrs.: 75
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	define the types and qualities of an entrepreneur			K-1 Remember
CO2	organise the structure of a garment unit			K-3 Apply
CO3	explain the importance of factory design and its layout			K-2 Understand
CO4	develop the costing strategies of a garment unit			K-3 Apply
CO5	relate the concepts for setting up a garment unit			K-3 Apply

COURSE CONTENT:

UNIT I: ENTREPRENEURSHIP 15 hrs.

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

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

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

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

Factory design and layout – importance of factory design – factors affecting factory design – types of building – (single and multi – storey) – advantages and limitation – factory layout – process – product and combined layout – design requirement – 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–Institutions supporting entrepreneurs – DIC – NSIC – SISI – SIPCOT – TII – VIC – CODISSIA – Commercial banks – SBI.

TEXTBOOK(S):

Sood S.K. & Renu Arora, (2004), *Entrepreneurial Development*, (1st ed.), New Delhi: Kalyani Publisher, Print. Chapters: 1, 2 and 3.

REFERENCE BOOK(S):

Chuter A J., (1995). *Introduction to clothing production management*, (2nd ed.), Wrenbury Associates Ltd. Print.

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

Gupta C.B, Srinivasan N.P., (2020). *Entrepreneurship Development in India*, Delhi: Sultan Chand & sons, Print.

Harold Carr & Barbara Latham, (2008). *The technology of clothing manufacture*, (4th ed.), Hong Kong: Blackwell Science. Print.

Krishnakumar M., (2015). *Apparel Costing, A functional Approach*, (1st ed.), Chandigarh: Abishek Publications. Print.

MAPPING: COs consistency with PSOs

CDF6501CM ORGANISATION OF GARMENT UNIT					
CO	PSO				
	1	2	3	4	5
CO1	2	1	1	1	1
CO2	2	1	3	2	2
CO3	3	1	2	1	2
CO4	3	3	3	3	3

CO5	2	1	2	2	3
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Strongly Correlated (3), Moderately Correlated (2), Weakly Correlated (1)[Back to Agenda](#)

CDF6502CM APPAREL QUALITY CONTROL
(THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: VI	Hours per week: 5 hrs.	Total Hrs.: 75
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	relate the importance of quality and quality control of the fabric			K-1 Remember
CO2	explain the quality standards and assurance of garment industry			K-2 Understand
CO3	apply the inspection method for quality standards			K-3 Apply
CO4	compare the methods of managing the quality			K-2 Understand
CO5	identify the fabric and sewing defects			K-3 Apply

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 inspection – spreading – cutting – sewing – control of fusing operation – control of screen-printing operation – control of embroidery operation – pressing – final inspection.

UNIT IV: MANAGING QUALITY

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

TEXTBOOK(S):

Pradip V. Mehta, (2021). *An Introduction to Quality control for the Apparel Industry*, ASQC Quality Press; New York: Print. Chapters: 1, 2, 3, 4 and 5.

REFERENCE BOOK(S):

Booth J.E. & Butterworths, (2018). *Principles of Textile Testing*, Butterworths publishers. Print.

Elliot B. Grover & Hamby D.S., (2011). *Handbook of textile Testing & Quality Control*, New York: Textile Book Publishers. Print.

Saville B.P., (2002). *Physical testing of Textiles*, England: Wood head Publishing. Print.

MAPPING: COs consistency with PSOs

CDF6502CM APPAREL QUALITY CONTROL					
CO	PSO				
	1	2	3	4	5
CO1	1	1	2	3	3
CO2	1	1	1	2	1
CO3	1	2	2	2	2
CO4	1	2	2	2	1
CO5	1	2	2	2	1

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

**CDF6301CM BOUTIQUE MANAGEMENT AND INDUSTRIAL PRACTICES
(THEORY)**

Class: B.Sc. Costume Design and Fashion		Semester: VI	Hours per week: 4 hrs.	Total Hrs.: 60
COs	COURSE OUTCOMES		COGNITIVE LEVEL	
On successful completion of the course, the student will be able to				
CO1	define boutiques and its types		K-1 Remember	
CO2	describe the industrial practices		K-2 Understand	
CO3	relate industrial practices in garment industry		K-2 Understand	
CO4	interpret infrastructure and visual merchandising		K-3 Apply	
CO5	identify tools, materials and financial management		K-2 Understand	

COURSE CONTENT:

UNIT I: INTRODUCTION TO BOUTIQUE MANAGEMENT 12 hrs.

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

UNIT II: INTRODUCTION TO INDUSTRIAL PRACTICES 12 hrs.

Introduction – production – productivity – standard of living – productivity measures – apparel engineering – methodology – tools and techniques for apparel engineering – role of industrial engineer – pre-production activities of a supervisor

UNIT III: INDUSTRIAL PRACTICES 12 hrs.

Method analysis – definition – recording the method – operation process chart – flow process chart – flow diagram – definition of work measurement – techniques of work measurement – time study – selecting the job – standard allowed minute (sam) – rating factor – allowances – work in

process (wip)

UNIT IV: INFRASTRUCTURE AND VISUAL MERCHANDISING12 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 – staffing – selection of generalists and specialists – Customer relationship management – manpower planning – performance management – employee relations.

UNIT V: TOOLS, MATERIALS AND FINANCIAL MANAGEMENT12 hrs.

Boutique marketing tools and promotional kit – material sourcing – book keeping for boutique and maintaining stock – 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. Chapters: 1, 2, 4, 5 & 6

Prabir Jana & Manoj Tiwari, (2020). *Industrial Engineering in Apparel Manufacturing*, New Delhi; Apparel Resources Pvt. Ltd. Print. Chapters: 1, 2, 4, 6 & 7

Ramesh Babu V (2012). *Industrial engineering in apparel production* Woodhead Publishing India Pvt. Ltd. Print. Chapters: 2, 3, 6 & 7

REFERENCE BOOK(S):

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

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

Khanka S.S., (2019). *Entrepreneurial Development*, New Delhi: Sultan Chand and Company Pvt. Ltd. Print.

Marting M. Pegler, (2018). *Visual Merchandising and Display*, New York: Fairchild Publications.

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

WEBLINK(S):

Video:

OSOU Sambalpur. (2020, January 22). “Plant Layout and Location Production & Operations Management”. Retrieved from [Video File]. <https://www.youtube.com/watch?v=tTXev2bmwoc> CC BY License.

Mapping: COs consistency with PSOs

CDF6301CM BOUTIQUE MANAGEMENT AND INDUSTRIAL PRACTICES					
CO / PSO	PSO				
	1	2	3	4	5
CO1	3	2	1	2	2
CO2	3	2	2	2	3
CO3	3	2	2	2	3

CO4	3	2	1	1	2
CO5	3	2	1	3	2

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

CDF6401CT EVENT DESIGN AND MANAGEMENT
(LAB CUM THEORY)

Class: B.Sc. Costume Design and Fashion		Semester: VI	Hours per week: 3T+2L hrs.	Total Hrs.: 75
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	explain the types and principles of event management			K-2 Understand
CO2	interpret the license and budgeting of an event			K-2 Understand
CO3	demonstrate the scenes using fabrics			K-3 Apply
CO4	construct a suitable background using different lighting effects			K-3 Apply
CO5	apply different styles and layout for furniture and flower arrangement			K-3 Apply

COURSE CONTENT:

UNIT I: PRINCIPLES OF EVENT MANAGEMENT FROM CONCEPT TO REALITY 9T+6L hrs.

Introduction to event management – definition – characteristics – types of events – Five C's of event management – need for event management – procedures to be followed in conducting of an events – principles for holding an event – role of an event manager – types of sponsorship – Event management procedure – 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.

Lab Exercises:

- Design and create layout – square – rectangle – circular – 'L' shape.
- Design and create layout and it's arrangement – square – rectangle – circular – 'L' shape.

UNIT II: LICENCE AND BUDGETING OF AN EVENT 9T+6L hrs.

Permits and license for events – phonographic performance limited – indian performing right society limited – excise license – loudspeaker license – premises license – performance license – public entertainment license – budget of an event – event budgeting rules – steps for creating a budget – break – even point – profit and loss statement – balance sheet.

Lab Exercises:

- Preparing a budget
- Customer profile

UNIT III: SETTING THE SCENES 9T+6L hrs.

Creating magic with fabric – types of fabric and specific uses – room draping and backdrops – chair and table drapery – customizing fabric effects to specific ceremonies.

Lab Exercises:

- Collecting fabric samples of different basic and fancy weaves for event decoration – 15 samples with characteristics.
- Illustrate room draping and backdrops – any three

- c. Illustrate chair and table drapery – any 3 styles
- d. Customizing fabric effects to specific ceremonies – any 3 themes

UNIT IV: LIGHTING IN PHOTOGRAPHY

9T+6L hrs.

Principles of photography – types of cameras – basics of digital photography – shutter speed – aperture – iso – components and accessories involved in photography – nature of light – the human vision – over and under exposure – types of lighting – general – task and accent lighting – requirements of good lighting – methods of artificial lighting – direct – indirect – semi direct – semi indirect – diffused – cove – panel – spot lighting – concealed lighting.

Lab Exercises:

- a. Camera handling
- b. Understanding the camera and lighting techniques
- c. Light source – Indoor light – Outdoor light

UNIT V: FURNISHING AND DÉCOR

9T+6L hrs.

Furniture – introduction – styles of furniture – flower arrangement – types of flower arrangements – shapes of flower arrangement – significance of flowers – selection of flowers – table arrangements – styles and layouts – buffet arrangement – cutlery arrangement.

Lab Exercises:

- a. Styles of furniture – collect images with characteristics
- b. Flowers and its significance
- c. Illustrate and types of flower arrangements – mass – diminutive – line plus mass
- d. Illustrate shapes of flower arrangements – horizontal – vertical – circular – crescent– hogarth – inverted T – triangle
- e. Arranging flowers for various occasions – any 3 theme
- f. Arranging flowers using design principles – balance – proportion – emphasis – rhythm – harmony
- g. Buffet arrangement
- h. Cutlery arrangements
- i. Table arrangement – any 3 styles
- j. Develop a portfolio for an event – customer profile – theme board – mood board – story board – accessories board – layout – presentation photo.

TEXTBOOK(S):

Ruth Dowson and Bernadette Albert & Dan Lomex, (2018). *Event Planning and Management*, US: Kogan Page Ltd. Print. Chapters: 1,2 & 3.

REFERENCE BOOK(S):

Glenn, A.J.B Lan, M. Johnny, A. Robert, & William, (2010). *Event Management*, Oxford United Kingdom: Taylor & Francis Ltd. Print.

James C.M., (2006). *Art of the Event: Complete Guide to Designing and Decorating Special Events*, Wiley. Print.

WEBLINK(S):

Video:

Entrepreneur India (2020, January,10) “How to start an Event Management company” [Video File]. Retrieved from <https://youtube.com/watch?v=Kw4d8VzSgUc&si=EnSIkalECMiOmarE> CC BY License.

Event Marketer (2016, September, 27) “Event Planning and Strategy Development: Stronger, More Effective Experiences” [Video File]. Retrieved from https://youtube.com/watch?v=9Q_E55ZoExY&si=EnSikalECMiOmarE CC BY License.

Mapping: COs consistency with PSOs

CDF6401CT EVENT DESIGN AND MANAGEMENT					
CO	PSO				
	1	2	3	4	5
CO1	3	3	1	2	2
CO2	3	3	3	3	2
CO3	3	3	2	2	1
CO4	3	3	1	2	2
CO5	3	3	1	1	3

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

CDF6401CP COMPUTER AIDED DESIGNING – II
(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: VI	Hours per week: 5 hrs.	Total Hrs. 75
COs	COURSE OUTCOMES			COGNITIVE LEVEL
On successful completion of the course, the student will be able to				
CO1	recall the tools used in the software			K-1 Remember
CO2	identify the purpose of layers and channels			K-2 Understand
CO3	illustrate the techniques of filters and brush presets			K-3 Apply
CO4	apply various methods for creating design pattern and print repeat			K-3 Apply
CO5	analyse the trend and forecast			K-4 Analyse

COURSE CONTENT:

UNIT I: INTRODUCTION TO ADOBE PHOTOSHOP 18 hrs.

Introduction – photoshop need for fashion industry – workspace overview – top menu bar – create a new document – photo shop tool palette – shortcut key – uses.

UNIT II: LAYERS AND CHANNELS 18 hrs.

Scanning basics – scanning – aligning fabrics layers – use and function in design – exercises on layers mapping – textiles mapping – accessories mapping – masks – mask in adobe photoshop – channels – working with channels – preparing files and creating a colour palette.

UNIT III: FILTERS AND BRUSH PRESETS 18 hrs.

Filters – filters and uses – working with filters – adjustment – giving effects to pictures brushes – presets – brushes and uses – add new brushes path – path and uses – working with paths – character – work with text – typography and uses card creation – visiting card – ID card – wedding

card – catalogue creation.

UNIT IV: CREATE DESIGN PATTERN AND PRINT REPEAT18 hrs.

Understanding swatches – working with repeat of a pattern – motif creation for textile designing – pattern – define – create woven patterns – weaves – lines – checks – print repeat – fundamentals – creating print repeat – saree designing – pallu and border designing.

UNIT V: TREND ANALYSIS18 hrs.

Forecasting and trend analysis – prepare mood board – story board – making graphics based on the mood board – story board – create a garment based on theme.

REFERENCE BOOK(S):

Centner, Marianne & Frances Verekar, (2011). *Fashion Designer’s Handbook for Adobe Illustrator*, (2nd ed.), Wiley. Print.

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

WEBLINK(S):

Video:

Burn to Learn (2022, June 29) *Mastering the MOVE TOOL in Adobe Photoshop | Photoshop Master* [Video file] Retrieved from <https://youtube.com/watch?v=L4t6pAYks3Q&si=EnSlkaIECMiOmarE>. CC BY license.

Innocent K Boateng (2017, November 1) *Adobe Photoshop Tutorials: Basic Guides For Beginners | Basic Tools Explained - Part 2* [Video file] Retrieved from <https://youtube.com/watch?v=D1UE6pLbaWA&si=EnSlkaIECMiOmarE>. CC BY license.

MAPPING: COs consistency with PSOs

CDF6401CP COMPUTER AIDED DESIGNING – II					
CO	PSO				
	1	2	3	4	5
CO1	3	3	2	1	2
CO2	3	3	2	2	2
CO3	2	3	2	2	2
CO4	3	3	2	3	2
CO5	3	2	2	2	3

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

CDF6402CP FASHION PORTFOLIO PREPARATION AND PRESENTATION(LAB)

Class: B.Sc. Costume Design and Fashion		Semester: VI	Hours per week: 5 hrs.	Total Hrs.: 75
COs	COURSE OUTCOMES		COGNITIVE LEVEL	
On successful completion of the course, the student will be able to				
CO1	recognise the inspiration and fashion research		K-1 Remember	

CO2	outline illustrations according to the design	K-2 Understand
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CO3	develop boards representing the title	K-3 Apply
CO4	construct patterns and garments based on theme	K-3 Apply
CO5	experiment with different photographic ideas and images	K-4 Analyse

COURSE CONTENT:

UNIT I: FASHION RESEARCH AND INSPIRATION 15 hrs.

Collection for portfolio – visual design concepts – forecasting trends for kids – men’s – women’s wear
– preparation of boards – theme board – mood board.

UNIT II: ILLUSTRATION BASED ON THEME 15 hrs.

Sketching from inspirations and imagination sketching of silhouettes – flat sketches for kids – men’s
– women’s wear.

UNIT III: PREPARATION OF BOARDS 15 hrs.

Preparation of story board – accessory board – colour palette – customer profile for kids – men’s –
women’s wear.

UNIT IV: CONSTRUCTION OF THEME BASED GARMENT 15 hrs.

Preparation of pattern – construction according to the design selected garment – presentation of
theme-based garment on ramp for kids – men’s – women’s wear.

UNIT V: PREPARATION OF PHOTOGRAPHIC BOARD 15 hrs.

Preparation of photographic board for kids – men’s – women’s wear – soft copy – hard copy –
modelling with photoshoot – pose – expression – composition through pose – background selection
– make-up – black and white vs colour – portrait and candid.

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*. (3rd revised ed.) New York: Fairchild Publications. Print.

WEBLINK(S):

Video:

Justlearn. (2020, January 7) How to Make a Fashion Design Portfolio [Video File]. Retrieved from <https://youtube.com/watch?v=icShw626d6E&si=EnSlkaIECMiOmarE>. CC BY license.

MAPPING: COs consistency with PSOs

CDF6402CP FASHION PORTFOLIO PREPARATION AND PRESENTATION					
CO	PSO				
	1	2	3	4	5
CO1	3	3	3	2	3
CO2	3	3	2	2	3
CO3	3	3	3	3	3

C04	3	2	2	3	3
C05	2	3	3	2	2

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

