

DEPARTMENT OF FASHION TECHNOLOGY AND COSTUME DESIGNING

COURSE STRUCTURE & SYLLABI (For the students admitted from year 2023-2024 onwards)

Programme: B.Sc. Fashion Technology and Costume Designing



JAMAL MOHAMED COLLEGE (AUTONOMOUS)
Accredited with A++ Grade by NAAC (4th Cycle) with CGPA 3.69 out of 4.0
(Affiliated to Bharathidasan University)
TIRUCHIRAPPALLI – 620 020

B.SC. FASHION TECHNOLOGY AND COSTUME DESIGNING

Sem	Course Code	Part	Course Category	Course Title	Ins. Hrs/ Week	Credit	Marks		Total
							CIA	ESE	
I	23U1LT1/LA1/LF1/LH1/LU1	I	Language - I		6	3	25	75	100
	23UCN1LE1	II	English - I	English for Communication - I	6	3	25	75	100
	23UFT1CC1	III	Core - I	Fashion Designing	4	4	25	75	100
	23UFT1CC2P		Core - II	Fashion Sketching Techniques - Practical	5	5	20	80	100
	23UFT1AC1		Allied - I	Textile Science	4	3	25	75	100
	23UFT1AC2		Allied - II	Knitting	3	2	25	75	100
	23UCN1AE1	IV	AECC - I	Value Education	2	2	-	100	100
	Total				30	22			700
II	23U2LT2/LA2/LF2/LH2/LU2	I	Language - II		6	3	25	75	100
	23UCN2LE2	II	English - II	English for Communication - II	6	3	25	75	100
	23UFT2CC3	III	Core - III	Basic Garment Construction	3	3	25	75	100
	23UFT2CC4P		Core - IV	Basic Garment Construction - Practical	5	5	20	80	100
	23UFT2AC3		Allied - III	Fabric Structure and Design	4	3	25	75	100
	23UFT2AC4P		Allied - IV	Fabric Structure and Design - Practical	4	3	20	80	100
	23UCN2SS	IV	Soft Skills Development	Soft Skills Development	2	2	-	100	100
	23UCN2CO	V	Community Outreach	JAMCROP	-	@	-	-	@
	23U2BT1 / 23U2AT1		Basic Tamil - I / Advanced Tamil - I	எழுத்தும் இலக்கியமும் அறிமுகம் - I / தமிழ் இலக்கியமும் வரலாறும் - I	-	-	-	100 #	-
	Total				30	22			700
III	23U3LT3/LA3/LF3/LH3/LU3	I	Language - III		6	3	25	75	100
	23UCN3LE3	II	English - III	English for Communication - III	6	3	25	75	100
	23UFT3CC5	III	Core - V	Garment Manufacturing Technology	3	3	25	75	100
	23UFT3CC6P		Core - VI	Fashion Draping - Practical	4	4	20	80	100
	23UFT3AC5		Allied - V	Wet Processing	4	4	25	75	100
	23UFT3AC6P		Allied - VI	Wet Processing - Practical	3	2	20	80	100
	23UFT3GE1P	IV	Generic Elective - I		2	2	-	100	100
	23UCN3AE2		AECC - II	Environmental Studies	2	2	-	100	100
	Total				30	23			800
IV	23U4LT4/LA4/LF4/LH4/LU4	I	Language - IV		6	3	25	75	100
	23UCN4LE4	II	English - IV	English for Communication - IV	6	3	25	75	100
	23UFT4CC7	III	Core - VII	Heritage of Textiles and Costumes	3	3	25	75	100
	23UFT4CC8P		Core - VIII	Garment Construction for Children's Wear - Practical	5	5	20	80	100
	23UFT4AC7		Allied - VII	Textile Testing	4	4	25	75	100
	23UFT4AC8P		Allied - VIII	Textile Testing - Practical	4	3	20	80	100
	23UFT4GE2P	IV	Generic Elective - II		2	2	-	100	100
	23UCN4EL		Experiential Learning	Internship	-	2	-	100	100
	23UCN4EA	V	Extension Activities	NCC, NSS, etc.	-	1	-	-	-
23U4BT2 / 23U4AT2		Basic Tamil - II / Advanced Tamil - II	எழுத்தும் இலக்கியமும் அறிமுகம் - II / தமிழ் இலக்கியமும் வரலாறும் - II	-	-	-	100 #	-	
	Total				30	26			800
V	23UFT5CC9	III	Core - IX	Fashion Clothing and Psychology	5	5	25	75	100
	23UFT5CC10P		Core - X	Computer Aided Designing - Practical	5	5	20	80	100
	23UFT5CC11P		Core - XI	Garment Construction for Women's Wear - Practical	6	6	20	80	100
	23UFT5CC12P		Core - XII	Fashion Portfolio Presentation - Practical	5	5	20	80	100
	23UFT5DE1AP/BP	IV	Discipline Specific Electives - I		5	5	20	80	100
	23UFT5SE1		Skill Enhancement Course - I	Visual Merchandising and Boutique Management	2	1	-	100	100
	23UFT5SE2		Skill Enhancement Course - II	Fashion Merchandising and Management	2	1	-	100	100
	23UFT5EC1		Extra Credit Course - I*	Online Course	-	*	-	-	-
	Total				30	28			700
VI	23UFT6CC13	III	Core - XIII	Fundamentals of Technical Textiles	5	5	25	75	100
	23UFT6CC14P		Core - XIV	Fashion Photography - Practical	6	6	20	80	100
	23UFT6CC15P		Core - XV	Garment Construction for Men's Wear - Practical	6	6	20	80	100
	23UFT6PW		Project Work	Project Work	3	2	-	100	100
	23UFT6DE2AP/BP		Discipline Specific Electives - II		5	4	20	80	100
	23UFT6DE3A/B		Discipline Specific Electives - III		4	3	25	75	100
	23UCN6AE3	IV	AECC - III	Gender Studies	1	1	-	100	100
	23UFT6EC2		Extra Credit Course - II*	Online Course	-	*	-	-	-
	23UFTECA		Extra Credit Course for all**	Online Course	-	**	-	-	-
	23UCN6ECA1		Extra Credit Course for all+	Entrepreneurship Development	-	+	-	-	-
	Total				30	27			700
* Programme Specific Online Course for Advanced Learners ** Any Online Course for Enhancing Additional Skills + Course for Enhancing Entrepreneurial Skills									
Grand Total						148			4400

GENERIC ELECTIVE COURSES

Semester	Course Code	Course Title
III	23UFT3GE1P	Hand Embroidery - Practical
IV	23UFT4GE2P	Art Techniques - Practical

Self-Study Course – Basic and Advanced Tamil**(Applicable to the candidates admitted from the academic year 2023 -2024 onwards)**

Semester	Course Code	Course Title
II	23U2BT1	Basic Tamil – I (எழுத்தும் இலக்கியமும் அறிமுகம் - I)
	23U2AT1	Advanced Tamil – I (தமிழ் இலக்கியமும் வரலாறும் - I)
IV	23U4BT2	Basic Tamil – II (எழுத்தும் இலக்கியமும் அறிமுகம் - II)
	23U4AT2	Advanced Tamil – II (தமிழ் இலக்கியமும் வரலாறும் - II)

Mandatory

Basic Tamil Course - I and II are offered for the students who have not studied Tamil Language in their schools and college.

Advanced Tamil Course - I and II are offered for those who have studied Tamil Language in their schools but have opted for other languages under Part - I.

DISCIPLINE SPECIFIC ELECTIVES

Semester	Course Code	Course Title
V	23UFT5DE1AP	Surface Ornamentation - Practical - I
	23UFT5DE1BP	Accessories Making- Practical - I
VI	23UFT6DE2AP	Surface Ornamentation - Practical - II
	23UFT6DE2BP	Accessories Making - Practical - II
	23UFT6DE3A	Garment Quality and Cost Control
	23UFT6DE3B	Fundamentals of Home Science

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
I	23UFT1CC1	Core – I	4	4	25	75	100
Course Title Fashion Designing							

SYLLABUS		
Unit	Contents	Hours
I	Introduction of fashion design Introduction to fashion design- Meaning of Fashion, Design and Style. Design Process *Collection range* Fashion terms -Haute couture, Avant garde, Pret- a-Porter, Chic, Fad, and Classic.	12
II	Elements and principles of design Design-Definition, types-Structural and Decorative Design, Principles of design- Balance, Rhythm, Proportion, Harmony and Emphasis. Art elements - Line, Shape or Forms, Color, Size, and Texture. Principle of , *Application of elements and principles in garment*	12
III	Color Theory Colors – *Importance of color*. Color Theories-Prang Color System and Munsell Color System. Color Harmony- Related, Contrasting, Neutral. Dimensions of Color– Hue, Value, Intensity. Color Psychology.	12
IV	Figure Variations Garment Designing for Irregular figure types – Tall and Thin Figure, Tall and Stout Figure, Short and Stout Figure, Short and Thin Figure, Large Chest, Flat Chest, Large hip Shoulder - Narrow, Round, Broad. Face – Round, *Oval and Square*.	12
V	Wardrobe Planning Wardrobe - Definition, Wardrobe Planning – Purpose of a wardrobe plan, Clothing preference for different age groups, Clothing budget – Steps for planning wardrobe – Essential considerations in wardrobe planning. *Wardrobe planning for different occasion's*.	12
VI	Current Trends (For CIA only) -Recent Trend in Fashion, Style, Colour	

..... Self Study

Text Book(s):
1. Anitha Tyagi, “Hand Book of Fashion Technology”, Sonali Publication, New Delhi, 1 st Edition, 2012. 2. Jenny Davis, “A Complete Guide to Fashion Designing”, Abhishek publication, 1 st Edition, 2009. 3. Meenakshi Narang, “Fashion Technology Hand Book”, Asia Pacific Business Press Inc, New Delhi, 2 nd Edition, 2008.
Reference Book(s):
1. Betsy Hosegood, “The Complete Book of Sewing”, Dorling Kindersley Limited, London, 2 nd Edition 2006. 2. Judith Rasband, “Wardrobe Strategies for Women”, Delmar Publishers, London 1 st Edition 1995. 3. Susheela Dantyagi, “Fundamental of Textiles and Their Care”, Orient Longman Limited, New Delhi, 5th Edition, 2006.
Web Resource(s):
1. https://codevgu.in/wp-content/uploads/2021/05/fashion-designing-and-sewing-technology.pdf 2. https://www.elearningcollege.com/materials/1521643260Fashion%20Course.pdf 3. https://gcwgandhinagar.com/econtent/document/1587358837UNIT%203,4,5.pdf

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remember the concepts of Fashion, Design and its style	K1
CO2	Understand the elements and principles of design	K2
CO3	Apply the concept of color theories	K3
CO4	Analyze and classify about the figure irregularities	K4
CO5	Evaluate the wardrobe plan	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	1	1	3	1	3	1	2	3	3	2.1
CO2	3	3	2	2	2	3	1	2	3	3	2.4
CO3	3	3	3	3	1	3	2	1	3	3	2.5
CO4	3	2	3	1	1	3	1	1	3	3	2.1
CO5	3	1	1	3	1	3	3	2	3	3	2.3
Mean Overall Score											2.3
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: C. Manochitra

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
I	23UFT1CC2P	Core – II	5	5	20	80	100
Course Title		Fashion Sketching Techniques - Practical					

SYLLABUS		
Unit	Contents	Hours
I	Basic Techniques and Facial Features Free hand drawing, Basics of shading and Hatching Facial features- Eyes ,Nose, Ears, Lips, Legs, Hands and Hair styles	15
II	Basic Human Proportions 8,10,12 head theory and motion posture, standing and moving action	15
III	Style Manipulation in Garment Sleeves collars Cuffs necklines Pockets Yokes	15
IV	Illustration of Garment and Accessories using Design Techniques Structural Design- Belt, Bow, Hand bags Decorative Design- Jewellery, Hats, Shoes Art Elements -Line, Colors, Texture, Shape, Size Principles of Design-Balance, Harmony, Emphasis, Proportion, Rhythm	15
V	Rendering for Apparels Children's Wear Women's Wear Men's Wear	15

Text Book(s):

1. Patrick John Ireland, "Fashion illustration and presentation", Manmeetsodhia, Kalyani publication, 1ST Edition, 2008.
2. Patrick John Ireland, "Fashion Design Illustration for children's wear" vol-1 Batsford Ltd publisher, 1995.
3. Bina Abbing, "Advanced Fashion Sketch Book" Om Books international, New Delhi, 2nd edition, 2005.

Reference Book(s):

1. Bina abling, "Advanced Fashion sketch book", Om Books international, New Delhi, 2nd edition, 2007
2. The book master, "A Complete course to Sketching and shading" DS Publishers, India, 1st edition, 2014
3. Patrick John Ireland, "Fashion Design Illustration: Men," Om books international, New Delhi, 2nd edition, 2005

Web Resource(s):

<https://www.freepik.com>
<https://rapidfireart.com/2013/05/08/how-to-draw-eyes/>
<https://www.istockphoto.com/illustrations/hairstyle>

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remembering the basic knowledge about hatching and shading	K1
CO2	Understand the human body in proportions relevant to fashion illustration	K2
CO3	Apply the elements of art and principles of design using garment designs	K3
CO4	Analyze the manipulating design in apparel using colour harmony	K4
CO5	Evaluate sketching methods of different accessories and ornaments	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	1	3	2	2	1	3	3	3	2.4
CO2	3	3	1	3	2	2	1	3	3	3	2.4
CO3	3	3	1	3	2	2	1	3	3	3	2.4
CO4	3	3	1	3	3	2	1	3	3	3	2.5
CO5	3	3	1	3	3	2	1	3	3	3	2.5
Mean Overall Score											2.4
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: R. Jeevitha

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
I	23UFT1AC1	Allied – I	4	3	25	75	100
Course Title		Textile Science					

SYLLABUS		
Unit	Contents	Hours
I	Fibres Fibres – Definition, Classification – Natural, Semi Synthetic, Synthetic. General Properties of Fibres – Primary and *Secondary Properties*.	10
II	Fibre Manufacturing Process Manufacturing Process, – Natural Fibre - Cotton, Jute, Silk, and Wool. Synthetic Fibre – Polyester. Semi Synthetic Fibre – Viscose rayon. * Properties and Uses of Fibres*	14
III	Spinning and Yarn Manufacturing Process Spinning - Definition, Types of Spinning – Mechanical Spinning –Ring, Chemical Spinning. Yarn – Definition, Classification – Simple and *Fancy Yarns*. Twist and Its Types.	12
IV	Fabrication methods Weaving – Definition, *classification*, Parts and Functions of Basic Loom. Knitting -Definition, Classifications, Parts and functions of a basic knitting machine.	14
V	Non-Woven Nonwoven-Definition – Types- felting, fusing, bonding, lamination, netting, braiding, crocheting, bonding techniques *Uses of Nonwoven*.	10
..... Self Study		
Text Book(s):		
1. Corbman .B.P, “Textile – Fiber to Fabric” International Students Edition, McGraw Hill Book Co, Singapore, 3 rd Edition, 1985. 2. Gupta et al, “Text Book of Clothing and Textiles and Laundry”, 5th Edition, Kalyani Publishers, New Delhi, 2006. 3. J.Gordon Cook, “Hand Book of Textile Fibers Vol-II Manmade Fibers”, Wood Head Publishing, NewDelhi, 2015.		
Reference Book(s):		
1. Seema Sekhri, “Textbook of fabric science, Fundamentals to Finishing”, PHI learning publishing New delhi, 2 nd edition 2016 2. Deepali Rastogi, Sheetal Chopra, “Textile Science”, Orient Blackswan Pvt ltd New Delhi, 1 st edition 2017. 3. Sohel Rana, Raul Fanguero, “Fibrous and Textile Materials for Composite Applications”, Springer publications Portugal, 2016. 4. Robert R. Maher, Robert H. Wardman, “The Chemistry of Textile fibers”, The Royal Society of chemistry publications, Cambridge, 2 nd Edition,2015.		
Web Resource(s):		
1. https://www.academia.edu/36704661/Unit_1_CLASSIFICATION_OF_FIBRES_pdf 2. https://www.britannica.com/technology/man-made-fiber/Processing-and-fabrication 3. https://textilelearner.net/basic-parts-of-a-weaving-loom/ 4. https://gcwgandhinagar.com/econtent/document/15874492071HSCTCO203-%20knitting%20and%20classification%20of%20knits%20.pdf		

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remembering the types of fibres	K1
CO2	Understand the different fibre manufacturing techniques	K2
CO3	Applying the different fibres for weaving and knitting	K3
CO4	Analyze the functions of weaving and knitting machine	K4
CO5	Evaluating the types of nonwovens	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	1	1	3	2	1	1	3	1	1	1	1.5
CO2	2	2	2	1	1	1	3	1	1	1	1.5
CO3	2	1	1	2	1	1	3	1	1	1	1.4
CO4	2	2	2	2	2	1	2	1	2	1	1.7
CO5	2	2	2	2	2	1	2	1	1	1	1.6
Mean Overall Score											1.5
Correlation											Low

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Merlin Sharmi.G

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
I	23UFT1AC2	Allied - II	3	2	25	75	100
Course Title		Knitting					

SYLLABUS		
Unit	Contents	Hours
I	Introduction Knitting – Definition, Classification. History of Knitting, Comparison between - knitting and weaving – knitted and woven fabrics. * Characteristics of Knitted Goods *.	8
II	Knitting Terms and Elements General terms of knitting – course, Wales, loop-knit, miss, tuck stitch- *stitch density*. Elements of Knitting – loop structure- needle loop, sinker loop, face loop, back loop-needle. Machine gauge.	8
III	Machine Description Machine description – frame – drive – needles – * loop forming sequence of latch, spring bearded, compound needles* – sinkers - sinkers operation- cylinder – dial – cams- creels – feeders- fabric spreader – take down and winding mechanism.	11
IV	Weft Knitting *Classification* – Passage of yarn through single jersey circular weft knitting machine. Basic structure and properties weft knit structures – single jersey or plain – rib – interlock – purl.	9
V	Warp Knitting *Classification* – Passage of yarn through warp knitting machine. Basic structure and properties warp knit structures – Tricot, Raschel Simplex fabrics.	9

* * Self Study

Text Book(s):
1. Spencer.D.J, “Knitting Technology a comprehensive hand book and practical guide”, Pergeman Press UK, 2011. 2. Anbumani.N, “Knitting fundamentals, Machines, Structures and Developments”, New age International (P) ltd, New Delhi, 2010. 3. Ajgaonker D B, “Knitting Technology”, Universal Publishing Corporation, 1998.
Reference Book(s):
1. Terry Brackenbury, “Knitted Clothing Technology”, Willy Publications, Germany, 1992 2. Smirfitt, “An Introduction to Weft Knitting”, Merrow Publications, UK, 1975 3. Cegielka L, “The Knitting Industry: Present needs, Future Requirements”, Vol 19, No.1, The Textile Institute 1988.
Web Resource(s):
1. https://gcwgandhinagar.com/econtent/document/15874492071HSCTCO203-%20knitting%20and%20classification%20of%20knits%20.pdf 2. https://www.coursehero.com/file/65487819/Lecture-Notes-Topic-4-Knittingpdf/ 3. https://www.studocu.com/row/document/bgmea-university-of-fashion-and-technology/knitwear/warp-knitting-2-lecture-notes-3/14083871

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remembering the concepts of Knitting.	K1
CO2	Understand the elements of knitting.	K2
CO3	Apply the types of knits.	K3
CO4	Analyze the parts and function of knitting machine.	K4
CO5	Evaluate the warp knit structures.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of CO5
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	1	1	1	1	3	3	2	2	1	1.8
CO2	3	1	1	1	1	2	3	2	2	1	1.8
CO3	3	1	1	1	1	2	3	2	3	1	1.8
CO4	3	1	2	1	1	2	3	2	2	1	1.8
CO5	3	1	2	1	1	2	3	2	2	1	1.8
Mean Overall score											1.8
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: B.Jabeen

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
II	23UFT2CC3	Core - III	3	3	25	75	100
Course Title		Basic Garment Construction					

SYLLABUS.		
Unit	Contents	Hours
I	Sewing Equipment Measurements – Importance, * Preparation for measuring*. Sewing machine-parts and Function, Trouble shooting. Tools for clothing construction – Cutting tools, measuring tools, marking tools, general tools, pressing tools.	9
II	Seams and Seam Finishes Facing, And Hems *Seams – Definition* and its types. Seam Finishes- Definition and its types. Hems – definition and its types. Facings - Bias Facings, Shaped Facing and Decorative Facing. Binding - Single bias Binding, Double bias binding.	9
III	Fullness Pockets and fastness Fullness-Definition, Types - Darts, Tucks Pleats, Flares and Godets, Gathers Frills and Ruffles. Pockets-Types - * Patch pocket *, Bound pocket, Pocket in a Seam, Front hip pocket.	9
IV	Sleeves and Its Types Sleeves-Definition, Types -Plain Sleeve, *Puff Sleeve and its variations*, Bishop Sleeve, Modified armhole- Squares Armhole, Cap Sleeve and Magyar Sleeve. Sleeve and Bodice combined- Raglan Sleeve, Kimono Sleeve. Collars -Definition, Types - Peter pan, Scalloped, Sailor, Full Shirt Collar	9
V	Yoke, Plackets and Closures Yokes – Definition, Types – Yoke with fullness, Yoke without Fullness, Yoke supporting/Releasing Fullness. Plackets - Definition, * Characteristics of good placket *, Types - Inconspicuous Plackets and Conspicuous Plackets. Closures– Definition, types - button and button hole and press buttons, hooks, eyes, zipper, eyelets and cord.	9
VI	Current Trends (For CIA only)- Collect information about parts and functions of industrial sewing machine	

..... Self Study

Text Book(s):
1. Mary Mathews, “Practical Clothing Construction-Part I & II”, Cosmic Press, Chennai, 1974 2. Chris Jeffrey, “The complete book of sewing”, Dorling Kindersley, 2006 3. Betsy Hose good, “The complete Book of Sewing”, Dorling Kindersley limited, London, 2006
Reference Book(s):
1. Shaeffer Claire, “Sewing for the apparel industry”, Prentice hall, new jersey, 2001 2. Debbie Ann Gioello, “Fashion Production Terms”, Fair Child Publications, New York, 1979 3. Swathi Bhargava, “Clothing and Textiles”, Shree Nawas Publications, Jaipur, 2010
Web Resource(s):
1. https://study.com/learn/lesson/clothing-construction-process-terms.html 2. https://www.masterclass.com/articles/7-different-types-of-seams-and-how-to-use-them-in-garments 3. https://sewguide.com/how-to-sew-seams/

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remembering the basic sewing equipment's and safety techniques	K1
CO2	Understand the different types of seams and seam finishes	K2
CO3	Apply the different types of fullness	K3
CO4	Analyze the differentiations in sleeves	K4
CO5	Evaluate the different types of fastener's in garment	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of CO5
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	1	3	1	3	3	1	3	3	2.4
CO2	3	3	1	2	1	3	3	1	3	3	2.3
CO3	3	3	1	3	1	3	3	1	3	3	2.4
CO4	3	3	1	2	1	3	3	1	3	3	2.3
CO5	3	3	1	2	1	3	3	1	3	3	2.3
Mean Overall score											2.3
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: T.Nisaanth

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
II	23UFT2CC4P	Core – IV	5	5	20	80	100
Course Title		Basic Garment Construction – Practical					

SYLLABUS			
Unit	Contents		Hours
I	Seams Plain seam <ul style="list-style-type: none"> • Top stitched seam • Flat fell seam • Welt seam • Lapped seam • Piped seam Hems <ul style="list-style-type: none"> • Narrow • Mitterd • Blind hem 	Seam Finishes <ul style="list-style-type: none"> • Doubled stitched finish • Piped finish • Edge finished seam • Overcast finish • Bound seam finish • Pinked finish 	15
II	Fullness <ul style="list-style-type: none"> • Darts • Tucks • Pleats • Godets • Ruffles • Frills 		15
III	Plackets <ul style="list-style-type: none"> • Zipper placket • Continuous placket • Tailored placket 	Facings <ul style="list-style-type: none"> • Bias facing • Shaped facing 	15
IV	Pockets <ul style="list-style-type: none"> • Patch pocket • Side seam pocket • Bound pocket 	Collars <ul style="list-style-type: none"> • Peter pan collar • Mandrian collar • Convertable collar 	15
V	Sleeves <ul style="list-style-type: none"> • Plain sleeve • Puff sleeve • Raglan sleeve 	Fasteners <ul style="list-style-type: none"> • Zippers • Buttons • Hooks and eyes 	15
Text Book(s):			
1. Mary Mathews, “Practical Clothing Construction-Part I & II”, Cosmic Press, Chennai, 1974. 2. “Zarapkar System of Cutting [Paperback]”, Navneet Education Team, Publishing 2017. 3. Betsy Hosegood, “The complete Book of Sewing”, (2006), Dorling Kindersley limited, London.			
Reference Book(s):			
1. Dorothy Wood, “The practical Encyclopedia of Sewing”, Anness Publishing, 2007 2. Debbie Ann Gioello, “Fashion Production Terms”, Fair Child Publications, New York, 1979 3. Draping and Pattern Making for Fashion Design, Kamal Khurand, Sonali Publications, New Delhi, 2012.			
Web Resource(s):			
1. https://www.masterclass.com/articles/7-different-types-of-seams-and-how-to-use-them-in-garments 2. https://sewguide.com/how-to-sew-seams/ 3. https://www.brainkart.com/article/Plackets-and-Fasteners_35632/			

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remembering the seams, seam finishes, and hem	K1
CO2	Understanding the fullness in different samples	K2
CO3	Apply the fasteners for different garments	K3
CO4	Analyze the samples for pockets and Collars	K4
CO5	Evaluate the sample for yokes and sleeves	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	1	3	1	3	2	1	1	3	2.1
CO2	3	3	1	3	1	3	2	1	1	3	2.1
CO3	3	3	1	3	1	3	2	1	1	3	2.1
CO4	3	3	1	3	1	3	2	1	1	3	2.1
CO5	3	3	1	3	1	3	2	1	1	3	2.1
Mean Overall Score											2.1
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Merlin Sharmi.G

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
II	23UFT2AC3	Allied – III	4	3	25	75	100
Course Title		Fabric Structure and Design					

SYLLABUS		
Unit	Contents	Hours
I	Weaving Definition- *classifications*, basic loom mechanism, Motions of loom- Primary and Secondary motions, Auxiliary motion, parts and functions of basic loom.	12
II	Woven Design Fundamentals Definition *Classification of Woven structures* Methods of weave Representation, Weave repeat, Basic elements of a woven design- Design, Draft and Peg plan, Types of draft plans.	12
III	Simple Weaves Plain, Modification of plain Weave-Rib and its classification, Twill and its classification, Satin and Sateen. * End uses of the above weaves*.	12
IV	Complex Weaves Honey Comb - ordinary, brighten Weaves – Huck a Back, Crepe and Mock Leno. *End uses of the above weaves*	12
V	Figured Weaves Extra warp and extra weft figuring – single and double colours, Difference between extra warp and extra weft figuring. Double cloth – formation of Double cloth- self-stitched – face to back, back to face, both, Centre stitched – warp and weft, Interchanging double cloth. *End uses of the above weaves*.	12

..... Self Study

Text Book(s):
1. Gokarneshan, “Fabric Structure and Design”, New Age International (P) Ltd, Publishers, New Delhi, First Edition, 2004. 2. Navneet kaur, “Comdex Fashion Design”, Kogent Learning solution Inc, Dream tech Press, Vol 1, 2010. 3. Mahadevan, “Textiles Spinning, Weaving and Designing”, Abhishek Publications, Chandigarh, 1 st Edition, 2005
Reference Book(s):
1. John Read, “Elementary Textile Design and Fabric Structure”, Longmans, Green & Company, 2009. 2. Murphy, “Textile Weaving and Design”, Abhishek Publications, Chandigarh, 1 st Indian Edition, 2007. 3. Hayavadana, “Woven Fabric Structure Design and Product Planning”, Woodhead Publishing India in Textiles, 2015
Web Resource(s):
1. https://www.studocu.com/in/document/bharathiar-university/interior-design/fabric-structure-and-design/29533779 2. https://textilestudycenter.com/colio/fabric-structure-and-design/ 3. https://textilestudycenter.blogspot.com/2017/09/fabric-structure-and-design-free.html

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remember about weaving and loom mechanism	K1
CO2	Understand the difference of Weave Representation	K2
CO3	Apply the design of different weave structures	K3
CO4	Analyze the towelling weave draft design	K4
CO5	Evaluate the new fabric structure using figuring techniques	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	1	2	2	1	3	3	1	2	2	2.0
CO2	3	1	2	2	1	3	3	1	2	3	2.1
CO3	3	2	2	2	1	2	3	1	2	2	2.0
CO4	3	2	2	2	1	2	3	1	1	2	1.9
CO5	3	2	2	2	1	2	3	1	1	3	2.1
Mean Overall Score											2.0
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: S.Mythili

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
II	23UFT2AC4P	Allied – IV	4	3	20	80	100
Course Title		Fabric Structure and Design - Practical					

SYLLABUS		
Unit	Contents	Hours
I	Weave the following design, make a suitable draft and peg plan Simple Weaves	4
	1. Plain Weave	4
	2. Twill Weave	4
	3. Satin Weave	
II	Weave the following design, make a suitable draft and peg plan Towelling Weaves	4
	4. Honey Comb Weave	4
	5. Huck -a -Back Weave	
III	Identify the following design, make a suitable draft and peg plan Complex Weaves	5
	6. Jacquard Weave	5
	7. Dobby Weave	5
	8. Pile Weave	
IV	Identify the following design, make a suitable draft and peg plan Figured Weaves	5
	9. Extra Warp Figuring	5
	10. Extra Weft Figuring	
V	Identify the following structure and find course length Knitted Structures	5
	11. Single Jersey	5
	12. Rib	5
	13. Interlock	5

Text Book(s):

1. Gokarneshan, “Fabric Structure and Design”, New Age International (P) Ltd, Publishers, New Delhi, 1st Edition, 2004.
2. Navneet kaur, “Comdex Fashion Design”, Kogent Learning solution Inc, Dream tech Press, New Delhi, Vol 1, 2010.
3. Mahadevan, “Textiles Spinning, Weaving and Designing”, Abhishek Publications Chandigarh, 1st Edition, 2005

Reference Book(s):

1. John Read, “Elementary Textile Design and Fabric Structure”, Longmans, Green & Company, 2009.
2. Murphy, “Textile Weaving and Design”, Abhishek Publications, Chandigarh, 1st Indian Edition, 2007.
3. Hayavadana, “Woven Fabric Structure Design and Product Planning”, Woodhead Publishing, New Delhi, 2015

Web Resource(s):

1. <https://blog.guilfordofmaine.com/dobby-vs-jacquard-a-tale-of-two-looms/>
2. <https://www.fibre2fashion.com/industry-article/8087/weft-knitted-fabrics-and-derivatives>
3. <https://www.fibre2fashion.com/industry-article/3343/different-types-of-weaves>

Course Outcomes

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

CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remembering the weave design using the draft plan.	K1
CO2	Understand the weave structure	K2
CO3	Apply the peg plan and draft for different structure.	K3
CO4	Analyze the weave pattern for figured cloths.	K4
CO5	Evaluate the course length using different knit structures.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	1	2	1	2	3	1	2	2	1.9
CO2	3	2	1	2	1	2	3	1	2	2	1.9
CO3	3	2	1	2	1	2	3	1	2	2	1.9
CO4	3	2	1	2	1	2	3	1	2	2	1.9
CO5	3	2	1	2	1	2	3	1	2	2	1.9
Mean Overall Score											1.9
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: S. Mythili

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23UFT3CC5	Core - V	3	3	25	75	100
Course Title Garment Manufacturing Technology							

SYLLABUS		
Unit	Contents	Hours
I	Introduction Garment Manufacturing Unit – Organization Structure, Workflow-Line Balancing Productivity-Shirt.Designers role– process involved in designing a design sheet – analysis and * evaluation of counter sample *.	9
II	Spreading and Cutting Methods Spreading – Definition,Types - Hand and Machine Spreading. Marking – Methods of marking, Requirements of Marker Planning.Cutting Technology - Definition, steps in preparing Fabric for Cutting, Layout and its types, Equipments – Straight Knife, *Band Knife, Round Knife*, Computer Controlled Cutting Machine.	9
III	Sewing Machineries Sewing Machineries-Classification of Sewing Machines, Parts and Functions of Single Needle Lock Stitch Machine, Over Lock Machine, Bar Taking Machine, Button Hole Machine, Button Fixing Machine, Feed-of the-Arm Machine, Blind Stitching Machine, Fabric Examining Machine,*Care and Maintenance*.	9
IV	Stitching Mechanisms Stitching Mechanisms- Needle, Bobbin and Bobbin Case, Bobbin Winding, Loops and Loop Spreader, Threading Finger, Upper and Lower Threading, Auxiliary Hooks, Tension Disc-Upper and Lower Thread Tension, * Stitching Auxiliaries - Pressure Foot and its Types *.	9
V	Garment Finishing Techniques Pressing – equipments, packing. Fusing – Definition, Methods of fusing. Stitch classifications,*Care- labelling*	9
VI	Current Trends *(For CIA only) – Garment Grading Techniques and ethics	

*..... * Self Study

Text Book(s):
1. David J.Tyler, “The Technology of Clothing Manufacture”, Black well Publishing, Australia, 4 th Edition, 2008. 2.Gerry cooklin, “Garment Technology for Fashion Designers”, Black well Publishing,Australia,1 st Edition,2008 3. Sushma Gupta, Neeru Garg & Renu Saini, “Text Book of Clothing Textile and Laundry” Kalyani Publication,New Delhi, 5 th Edition, 2005.
Reference Book(s):
1. ChrisJeffrey’s& Betsy Hosegood , “The Complete Book of Sewing” Dorling Kindersley Limited, London, 1 st Edition, 2006. 2. Sandeep Roy, “Fashion Designing in Textile Technology, Random Publication, New Delhi, 1 st Edition, 2019. 3. Mary Mathews, “Practical construction-Part I& II”, Cosmic Press, Chennai, 1 st Edition ,1974.

Web Resource(s):
1. https://textilelearner.net/structure-of-the-clothing-industry/
2. https://cosmatechnology.com/news/the-spreading-and-cutting-department-in-garment-industry-48
3. https://www.zelect.in/sewing-machine/types-of-sewing-machines-in-india

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remember the Special attachments in Sewing machines	K1
CO2	Understand the Spreading, and Cutting techniques	K2
CO3	Understand the of garment manufacturing unit	K2
CO4	Apply the Knowledge about stitch Mechanism	K3
CO5	Analyze Garment Finishing and Fusing	K4

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	3	1	3	3	1	3	3	2.6
CO2	3	3	3	3	1	3	3	1	3	3	2.6
CO3	2	2	2	3	1	3	3	1	3	3	2.3
CO4	3	3	3	3	1	3	3	1	3	3	2.6
CO5	1	1	1	3	1	3	3	1	3	3	2.0
Mean Overall Score											2.4
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: R. Jeevitha

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23UFT3CC6P	Core - VI	4	4	20	80	100
Course Title		Fashion Draping – Practical					

SYLLABUS		
Unit	Contents	Hours
I	Introduction to Draping 1. Introduction to Draping Techniques. 2. Identification of Seam Lines.	12
II	Basic Bodice Development 3. Drape a Basic Bodice Front and Back-Women/Men/Children. 4. Drape a Basic Skirt/ Pant -Women/Men /Children.	12
III	Drape Garment Components 5. Sleeves Variations-Children/Women. 6. Collar/ Neckline variations-Men/Women.	12
IV	Manipulating Techniques 7. Dart Manipulating- Pivot / Slash and Spread method. 8. Drape the Off shoulder with Princess Shapers.	12
V	Designer Garment 9. Drape a Full Garment.	12

Text Book(s):
1. Kamal Khurana, “Draping and Pattern Making for Fashion Design”, Sonali Publication, New Delhi, 1 st Edition, 2012. 2. Kathryn McCelvey, Janine Munslow, “Illustrating Fashion”, Wiley, 1 st Edition, 2009. 3. Bina Abbing, “Advanced Fashion Sketchbook”, Om books International, New Delhi, 1 st Edition, 2005.
Reference Book(s):
1. Dawn Cloake, “Cutting and Draping Party and Eveningwear”, Batsford, 1 st Edition, 2016. 2. Karolyn Kiisel, “Draping The Complete Course”, Laurence King Publishing, 1 st Edition, 2013. 3. Connie Amaden-Crawford, “The Art of Fashion Draping”, Bloomsbury Academic, 1 st Edition, 2018.
Web Resource(s):
1. https://www.moodfabrics.com/blog/intro-to-draping-dress-form-muslin-basics/#:~:text=What 2. https://www.linkedin.com/pulse/advanced-pattern-making-techniques-draping-drafting-grading-ayoub 3. http://wwinlsf.blogspot.com/2015/05/six-basic-steps-of-draping.html

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remember various garment designs using draping method.	K1
CO2	Understand and identify the basic draping.	K2
CO3	Apply the Different techniques for draping.	K3
CO4	Analyze the manipulating techniques.	K4
CO5	Evaluate design and idea for draping.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	2	2	2	1	2	2	1	2	1.8
CO2	3	3	3	1	2	2	3	3	2	2	2.4
CO3	2	2	2	1	1	2	2	2	2	1	1.7
CO4	1	3	2	2	1	2	1	1	1	2	1.6
CO5	3	2	1	1	2	2	2	2	2	1	1.8
Mean Overall Score											1.8
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: **B.Jabeen**

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23UFT3AC5	Allied - V	4	4	25	75	100
Course Title Wet Processing							

SYLLABUS		
Unit	Contents	Hours
I	Preparatory Process in Wet processing Introduction to wet processing, *Need for processing*. Preparatory processes: singeing, desizing, scouring, bleaching and mercerization, Silk - Degumming, Wool- Carbonization.	12
II	Dyes and Dyeing Methods Definition – colorants, Classification of Dyes. Methods of Dyeing –batch dyeing, combination dyeing and package dyeing. Dyeing - Winch, Jig dyeing, pad dyeing, garment dyeing. Dyes- natural dyes, basic dye, Azoic dye, reactive dye, disperse dye, sulphur dye, vat dye. *Difference between Natural dyes and synthetic dyes*.	12
III	Printing Techniques Definition – Printing, Styles of printing– Direct printing, discharge printing, resist printing. Printing methods - Block printing, Roller printing, screen printing, Rotary printing, Sublimation Printing. *Comparison between dyeing and printing*.	12
IV	Finishing Finishing - Definition, objectives, importance, classifications. Preparatory finishes- Calendaring, stentering, decanting, delusturing. Aesthetic finishes- glazing, embossing, abrasive washes. Functional finishes –light stabilizing finishes, durable press finish, anti-static finishes, *Flame retardant*.	12
V	Eco Friendly Processing Introduction to Eco Friendly Processing, Enzymes – meaning, *Enzymes used in textile industry*. Enzymatic process – Desizing, scouring, bleaching, bio polishing, degumming.	12
VI	Current trends (For CIA only)- Introduction to Nano dyeing technology.	

*.... * Self Study

Text Book(s):
<ol style="list-style-type: none"> 1. Arara, “Text Books of Dyes”, Sonali Publication, New Delhi, 1st Edition ,2009. 2. Gupta, “The Complete Technology Book on Textile Processing with Effluents Treatments”, Asia Pacific Business Press Inc., Delhi, 2nd Edition, 2004. 3. Vigneswaran, “Bioprocessing of Textiles”, Wood head Publishing India Pvt Ltd, New Delhi, 1st Edition ,2014.
Reference Book(s):
<ol style="list-style-type: none"> 1. Gupta, “The Complete Technology Book on Textile Spinning, Weaving, Finishing & Printing”, Asia Pacific Business Press Inc., Delhi, 1st Edition, 2003. 2. Kanwar Varinder Pal Singh, “Elementary Idea of Textile Dyeing, Printing & Finishing”, Kalyani Publishers, 1st Edition ,2004. 3. Seema Kapoor, “Textile Finishing”, Sonali Publication, New Delhi, 1st Edition ,2016

Web Resource(s):	
1.	https://www.textileschool.com/343/fabric-wet-processing-techniques/
2.	https://www.fibre2fashion.com/industry-article/1668/modern-textile-preparatory-processes-using-enzymes
3.	https://textilelearner.net/textile-printing-methods/

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remember the basic process in wet processing	K1
CO2	Understand dyes and dyeing methods	K2
CO3	Understand Problems faced by textile wet processing industries	K2
CO4	Analyze the printing techniques	K4
CO5	Evaluate the functional and special finishes	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	1	2	1	3	3	1	1	1	1.8
CO2	3	3	2	2	1	2	2	2	2	2	2.3
CO3	2	2	3	3	1	1	2	2	2	1	1.9
CO4	1	2	2	2	2	1	2	3	2	1	1.8
CO5	2	2	2	2	1	1	2	2	2	2	1.8
Mean Overall Score											1.9
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: S. Mythili

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23UFT3AC6P	Allied -VI	3	2	20	80	100
Course Title		Wet Processing – Practical					

SYLLABUS		
Unit	Contents	Hours
I	Preparatory process of fabrics 1. Desizing 2. Scouring 3. Bleaching	9
II	Dyeing of Cellulosic Fibre Fabrics 4. Direct dye 5. Reactive dye – Hot Brand / Cold Brand	9
III	Dyeing of Protein Fibre Fabrics 6. Acid dye/ Basic dye	9
IV	Dyeing of Polymer Fabrics 7. Disperse dye	9
V	Styles of Printing 8. Tie and Dye using Natural dyes 9. Screen 10. Block	9

Text Book(s):
1. Shenai V.A, “Technology of Textile Processing, Chemistry for Dyes and Principles of Dyeing”, A Sevak Publication, 1 st Edition, Bombay, 1993. 2. Palsingh.K.V, “Elementary Idea of Textile dyeing, printing and finishing”, Kalyani Publishers, 1 st Edition, 2009. 3. Kadolph S.J, “Textiles”, Dorling Kindersley (India) Pvt. Ltd., 10 th Edition, 2006.
Reference Book(s):
1. Corbman B. P, “Textile fiber to fabric, International students, Mc Grow Hill co, Singapore, 3 rd Edition, 1985. 2. Smith J E, “Textile Processing – Printing, Dyeing”, Abhishek Publishing, New Delhi, 1 st edition, 2003. 3. Murphy W.S, “Textile Finishing”, Abhishek Publication, New Delhi, 1 st edition, 2000.
Web Resource(s):
1. https://www.textilepad.com/2021/08/dyeing-of-cotton-with-direct-dye.html 2. https://textilelearner.net/dyeing-of-cotton-fabric-with-reactive-dyes/ 3. https://www.britannica.com/technology/batik

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remember the different types of Preparatory process	K1
CO2	Understand the types of fabric dyeing for cellulosic fibres	K2
CO3	Apply the different dyeing methods for protein fibres	K3
CO4	Apply the different dyeing methods for polymers	K3
CO5	Analyze the different styles of printing	K4

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	3	1	3	2	1	2	3	2.4
CO2	3	3	3	3	1	3	2	1	2	3	2.4
CO3	3	3	3	3	1	3	2	1	2	3	2.4
CO4	3	3	3	3	1	3	2	1	2	3	2.4
CO5	3	3	3	3	1	3	2	1	2	3	2.4
Mean Overall Score											2.4
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: G. Merlin Sharmi

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23UFT3GE1P	Generic Elective - I	2	2	-	100	100
Course Title		Hand Embroidery – Practical					

SYLLABUS		
Unit	Contents	Hours
I	Prepare the following embroidery samples <ol style="list-style-type: none"> 1. Basic Hand Stitches 2. Running 3. Back Stitch 4. Hemming 	2
II	Basic Embroidery Stitches <ol style="list-style-type: none"> 5. Chain stitch 6. Stem Stitch 7. Blanket (or) Button Hole Stitch 	7
III	Advanced Embroidery Stitches <ol style="list-style-type: none"> 8. Feather 9. Herring bone 10. Lazy Daisy Stitch 	7
IV	Filling and Knot Stitches <ol style="list-style-type: none"> 11. Satin-Long and Short 12. French Knot 13. Bullion Knot 	7
V	Surface Embroidery <ol style="list-style-type: none"> 14. Bead Work 15. Sequence Work 16. Mirror Work 	7

Text Book(s):
<ol style="list-style-type: none"> 1. Shailaja D Naik, “Traditional Embroideries of India”, APH Publishing, New Delhi, 2nd Edition, 1996 2. Megan Eckman, “Everyday Embroidery for Modern Stitches”, C&T Publishing, USA, 1st Edition, 2020 3. Libby Moore, “Thread Folk: A Modern Makers Book of Embroidery Projects and Artist Collaborations”, Paige Tate & Co Publishers, 1st Edition, 2019
Reference Book(s):
<ol style="list-style-type: none"> 1. Mary Gostelow, “Coats book of Embroidery”, David and Charles Publishers, London, 2nd Edition, 1978 2. Anjali Karolia, “Traditional Indian Handcrafted textiles: history, Techniques, Processes, Design”, Niyogi Books Publications, New Delhi, 1st Edition, 2019 3. Dr Parul Bhatnagar, “Traditional Indian Costumes and Textiles”, Abhishak Publications, Chandigarh, India, 1st Edition, 2004

Web Resource(s):
1. https://www.youtube.com/watch?v=nJz9c8gEvFg
2. https://www.youtube.com/watch?v=Ug2d1NUuE4A
3. https://www.youtube.com/watch?v=nJz9c8gEvF

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Understand ability of designing embroidery for different stitches.	K2
CO2	Apply the different hand stitches.	K3
CO3	Apply stitches and their applications.	K3
CO4	Analyze the knowledge of appropriate designs on fabric surfaces.	K4
CO5	Evaluate the techniques to create different stitch variations.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	1	3	1	3	3	3	3	3	2.6
CO2	3	3	3	2	1	3	3	1	1	1	2.1
CO3	3	3	3	2	1	3	3	1	1	1	2.1
CO4	3	3	3	2	1	3	3	1	1	1	2.1
CO5	3	3	3	2	1	3	3	1	1	1	2.1
Mean Overall Score											2.2
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: A. R. Nilofar Sulthana

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23UFT4CC7	Core – VII	3	3	25	75	100
Course Title		Heritage of Textiles and Costumes					

SYLLABUS		
Unit	Contents	Hours
I	Introduction to Indian Costumes Indian costume - Introduction, Origin of Costumes – Indo Aryans - Vedic Ages, Mauryan and Sunga period, *Satavahana period, Kushan period * Mughal period. Ancient Indian jewellers- Temple jewellery of South India and Tribal Jewellery.	9
II	Traditional Costumes of India Introduction to traditional Indian costumes - North Zone Costumes - Costumes of Punjab, Himachal Pradesh, Uttar Pradesh, Rajasthan, Jammu and Kashmir. East Zone Costumes - Assam, West Bengal, Bihar. West Zone Costumes - Madhya Pradesh, Gujarat, Maharashtra. South Zone Costumes- Kerala, Karnataka, Tamil Nadu. * Contemporary knowledge using traditional design*.	9
III	Embroideries of India Kasida of Kashmir, Kanthas of Bengal, Chambarummam of Himachal Pradesh, *Chickenkari of Uttar Pradesh*, Pulkhari of Punjab, Kasuthi of Karnataka, Kutch or Sindhi of Gujarat, Shamilami of Manipuri Embroidery, Toda embroidery of Tamil Nadu.	9
IV	Traditional Woven Textiles Introduction to woven textiles of India – Uttar Pradesh- Banaras, Tanchoi, *Gujarat- Patola, Bengal- Baluchari and Jamdani*, Kashmir-Shawl and Kani shawl, Maharashtra- PaithaniPithambar, MadhyaPradesh- Chanderi and Maheswari Saree, Tamilnadu- Kanchipuram, Chinnalapatti, Madurai Sungudi, Andhrapradesh- Pochampali, Venkatagiri .	9
V	Traditional Printed and Dyed Textiles Printed textiles – Kalamkari, Block printing, Roghan printing, Daboo. Painted textiles - Mata-mi-Pachedi, Pabuji-ka-Pad. Dyed textiles – Ikat, Patola, * Bandhani, Laharia, Mashru *.	9
VI	Current Trends (For CIA only) –*Geographical Indication*.	

** Self Study

Text Book(s):
1. Dr.ParulBhatnagar, “Traditional Indian costumes and Textiles”, Abhishak Publications, Chandigarh, India, 1 st Edition, 2004. 2. ManmeetSodhia, “History of Fashion”, Kalyani Publishers, New Delhi, 1 st Edition, 2004. 3. “Heritage of Textiles and Costumes” – Study Material prepared by the Department.
Reference Book(s):
1. Govind Sadashiv Ghurye , “Indian Costume”, Popular Prakashan Publication, 1 st Edition, 1966. 2. Ritu Kumar, “Costumes and Textiles of Royal India Antique Collectors”, Club publication , 2 nd Edition, 2006. 3. Arabinda Biswas, “Indian Costumes”, Ministry of Information and Broadcasting Publication Division, 1 st Edition, 1985.

Web Resource(s):
1. https://textilevaluechain.in/in-depth-analysis/articles/traditional-textiles/history-of-indian-costumes/
2. https://jewelsofsayuri.com/2010/02/list-of-ancient-indian-jewellery.html
3. https://www.utsavpedia.com/motifs-embroideries/daboo-print/

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remember the types of printed, painted and dyed textiles.	K1
CO2	Analyze the different state wise costumes.	K2
CO3	Apply the knowledge about ancient costumes and jewels.	K3
CO4	Understand the concepts related to traditional embroidery.	K4
CO5	Understand the traditional designs for woven textiles.	K4

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	1	1	3	1	1	1	1	1.8
CO2	3	3	1	2	1	2	2	2	1	2	1.9
CO3	3	1	1	1	1	2	2	2	1	2	1.6
CO4	3	3	1	1	1	3	1	1	2	2	1.8
CO5	2	2	1	1	1	2	3	1	1	2	1.6
Mean Overall Score											1.7
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: R.Jeevitha

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23UFT4CC8P	Core – VIII	5	5	20	80	100
Course Title		Garment construction for children's Wear – Practical					

SYLLABUS		
Unit	Contents	Hours
	General Instructions: <ul style="list-style-type: none"> ➤ Develop a Basic Pattern ➤ Modify according to the Design and measurements ➤ Design and Construct the following Garments 	
I	1.Baby Bed/Laytee 2. Infant wears- Bib, Panty / cloth diaper and Jabla.	15
II	3. Summer frock - with Suspenders at Shoulder Line, Without Sleeve. 4. Yoke frock- Puff Sleeve, Gathered Skirt	15
III	5.Skirt- Four gore/ pleated/ umbrella	15
IV	6. Knickers - Elastic Waist.	15
V	7. Slack Shirt-Open Collar, Pocket and Without Yoke.	15

Text Book(s):
1. Zarapker, “Zarapker System of Cutting”,K.R.Navneet publication Ltd,Mumbai,Reprinted,2012. 2.Mary Mathews, “Practical Clothing Construction-Part I&II, Cosmic Press”,Reprintd,Chennai,1974. 3. Gerry cooklin, "Pattern grading for Men's cloth",Wiley India Pvt Ltd,1 st Edition, 1992.
Reference Book(s):
1. DetsyHosegood, “The Complete Book of Sewing”, Dorling Kindersley Limited, London, 2 nd Edition2006. 2.Dorothy wood, “The Practical Encyclopedia of Sewing”, Anness publishing, 1 st Edition ,2007. 3.Swathi Bhargava, “Clothing and Textiles”, Niwas publications ,Jaipur , 1 st Edition 2010.
Web Resource(s):
1. https://www.infobooks.org/pdfview/4750-exploring-the-relevance-of-manual-pattern-cutting-skills-in-a-technological-environment-catherine-pritchard/ 2. https://www.infobooks.org/pdfview/4746-practical-sewing-and-dressmaking-sara-may-allington/ 3. https://www.infobooks.org/pdfview/4747-learn-to-design-your-own-clothes-judith-christensen/

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Understand the various components as per the designs.	K2
CO2	Apply the various measurements in pattern making.	K3
CO3	Analyze the use various tools and equipments as per requirements	K4
CO4	Analyze the pattern for required designs.	K4
CO5	Create the garment as per the required measurements.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of CO5
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	1	3	3	2	3	1	2.4
CO2	3	3	2	3	1	3	3	2	3	1	2.4
CO3	3	3	2	3	1	3	3	2	3	1	2.4
CO4	3	3	2	3	1	3	3	2	3	1	2.4
CO5	3	3	2	3	1	3	3	2	3	1	2.4
Mean Overall score											2.4
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: C. Manochitra

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23UFT4AC7	Allied – VII	4	4	25	75	100
Course Title Textile Testing							

SYLLABUS		
Unit	Contents	Hours
I	Introduction to textile testing Textile Testing-Introduction, Importance and objectives of testing, general rules for textile testing and quality control. Different types of Physical test and their needs. Moisture content, moisture regain and relative humidity.*Standard testing conditions *	12
II	Fiber testing Methods of sampling for fibre testing, *Cotton length and grade*, Cotton fiber length analysis, Cotton fiber fineness and maturity, non – lint content, moisture content.	12
III	Yarn testing *Yarn numbering*, Yarn Strength, Tensile Strength, Analysis of Strength, Yarn grade and appearance, Yarn twist testing, Crimp and hairiness. Yarn evenness.	12
IV	Fabric analysis *Fabric width, Fabric length, Fabric weight *, Fabric thickness, Fabric Strength – Tearing Strength, Bursting Strength and Abrasion Resistance, Crease Recovery, Stiffness and Drapability Test, Pilling Test.	12
V	Garment and Apparel testing Colour Fastness to Sunlight and Washing, Perspiration. Crocking-Wet – Dry, Pressing -Wet – Dry, Dimensional tests to ironing, dry-cleaning. Accessories Tests -Zipper -durability, operational. *Buttons-strength*	12
VI	Current Trends (For CIA only) – Textile testing Standards -AATCC, ASTM, ISO	

** Self Study

Text Book(s):
1. Booth, “Principles of Textile Testing”, CBS Publishers and Distributors, New Delhi, 1 st Edition 1996. 2. Saville, “Physical testing and textile”, Wood head publishing Ltd, England, 1 st Edition 1999. 3. Groover and Hamby, ”Hand book of Textile Testing and Quality Control”, John Wiley and Sons Publishing, New York, 2 nd Edition, 1960.
Reference Book(s):
1. Thackeray, “Textiles Performance Tests and Evaluations”, Brigham Young University Publications, United States, 1974. 2. Dolez, Patricia, “Advanced Characterization and Testing of Textiles”, Woodhead publications, United Kingdom, 2017. 3. Angappan, ”Textile Testing”, S. S. M. Polytechnic College publications, India, 2009.
Web Resource(s):
1. NPTEL :: Textile Engineering - Textile Testing 2. Physical testing of textiles 3. Physical Properties of Textile Fibres Textile Study Center

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Understand textile testing and quality control measures	K2
CO2	Apply knowledge on working of fibre testing instruments	K3
CO3	Analyze the working principles of yarn testing instruments	K4
CO4	Evaluate the procedure to test fabric	K5
CO5	Evaluatetest methods, standards and grades.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	3	2	1	1	3	2	1	1	1.9
CO2	3	3	3	2	1	1	3	2	1	1	2.1
CO3	3	3	3	2	1	1	3	2	1	1	2.1
CO4	3	3	3	2	1	1	3	2	1	1	2.1
CO5	3	3	3	2	1	1	3	2	1	1	2.1
Mean Overall Score											2.1
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Archana V C

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23UFT4AC8P	Allied – VIII	4	3	20	80	100
Course Title		Textile Testing – Practical					
SYLLABUS							
Unit	Contents						Hours
I	Identification of Textile Fibers						15
	1. To identify the fibers: Cotton, Silk, Wool, Jute, Polyester, Linen.						
	➤ Microscopic Test						
	➤ Burning Test						
	➤ Chemical Test						
II	Yarn Test						15
	2. To determine the yarn count using single yarn twist tester.						
	3. To determine the yarn count using Beasley balance method.						
	4. To determine the yarn count using wrap reel.						
III	Fabric Test						15
	5. To determine the yarn count using Quadrant balance.						
	6. To determine the thickness of a fabric using thickness tester.						
	7. To determine the Fabric abrasion test using Martindale abrasion tester						
IV	Colour Fastness Test						15
	8. To determine the rubbing fastness of a dyed fabric using Crock Meter.						
	9. To determine the colorfastness to washing.						
V	Fabric Handling Test						15
	10. To determine the crease of a fabric using Crease recovery tester.						
	11. To determine the stiffness of a fabric using stiffness tester.						
Text Book(s):							
1. Booth J.E, “Principles of Textile Testing”, CBS Publishers and Distributors Pvt. Ltd, New Delhi, 3 rd Edition, 2018. 2. Elliot B. Grover & D. S. Hamby, “Handbook of Textile Testing and Quality Control”, Wiley India Pvt Ltd, New Delhi ,2 nd Edition, 2011. 3. Dr. Kothari V.K, “Testing and Quality Management”, IAFL Publications, New Delhi, 1 st Edition, 1999.							
Reference Book(s):							
1. Sushma Gupta, Neeru Garg, Renu Saini “Textbook of Clothing Textiles and Laundry”, Kalyani Publishers, New Delhi, 5 th Edition, 2005 2. Saville B. P, “Physical Testing of Textile”, Wood head Publishing Ltd, Cambridge, 2 nd Edition 2002. 3. Sara J. kadolph, “Textile”, Pearson Publication, USA, 12 th Edition, 2016							
Web Resource(s):							
1. https://www.youtube.com/watch?v=jHbBofSXXKcg 2. https://www.youtube.com/watch?v=Rj82EPeeOVA 3. https://www.youtube.com/watch?v=ICF0twxemqk							

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remember the textile fibers.	K1
CO2	Understand the methods of testing.	K2
CO3	Apply the different testing methods for fabrics.	K3
CO4	Analyze the various properties of the fabric.	K4
CO5	Evaluate the different type of testing methods for yarn and fabric.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	1	1	1	3	1	1	1	1.8
CO2	3	3	3	1	1	1	2	1	2	1	1.8
CO3	3	3	2	1	1	1	2	1	2	1	1.7
CO4	1	1	1	1	1	1	2	1	2	1	1.2
CO5	3	3	2	1	1	1	2	1	2	1	1.7
Mean Overall Score											1.6
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: A. R. Nilofar Sulthana

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23UFT4GE2P	Generic Elective -II	2	2	-	100	100
Course Title		Art Techniques - Practical					

SYLLABUS		
Unit	Contents	Hours
I	Fabric Paintings-Dry Strokes, Blending and Wet Painting.	6
II	Canvas Painting- Warli Art and Stone Works .	6
III	Pot Painting-Mould and Collage Paintings.	6
IV	Glass and Bottle Painting – Abstract Painting and Foil Work .	6
V	Stencil Painting – Positive and Negative with Sponging and Spraying.	6

Text Book(s):
<ol style="list-style-type: none"> 1. Donna Dewberry, “A beginners Guide to One Stroke Fabric Painting”, Plaid Enterprises Inc. Publications, Georgia,1996. 2. GherardoCibo,” Historical Painting Techniques, Materials, and Studio Practice”, University of Leiden Publications, Netherlands,1995 3. John C VanDyke, “Histories of Painting”, Longman Green and Co Publications, 4thEdition, Newyork,1897.
Reference Book(s):
<ol style="list-style-type: none"> 1. Susan Louise Moyer,”Silk Painting for Fashion and Fine Art”, Watson-Guptill Publications, United States,1995. 2. Alice Mackrell,” Art and Fashion”, Batsford Publications, United Kingdom,2005. 3. Santosh Mali,”The Art of Warli Painting”, Create Space Independent Publishing,California,2014
Web Resource(s):
<ol style="list-style-type: none"> 1. 16. Acrylic Painting Technique author Swaderart.pdf - Google Drive 2. ncert.nic.in/textbook/pdf/keh109.pdf 3. Bottle Art Bottle Painting Best Out Of Waste Acrylic Painting Easy Painting @VENTUNOART - YouTube

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Understand Different Techniques For Painting	K2
CO2	Analyze Ideas over Various Mediums	K2
CO3	Apply Designs with Knowledge of Medium	K3
CO4	Apply the methods for painting	K3
CO5	Evaluate variety of art techniques	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	1	3	1	3	1	2	1	2	3	3	2.0
CO2	2	3	1	2	1	2	1	3	3	3	2.1
CO3	3	2	1	2	1	2	1	3	3	3	2.1
CO4	2	3	2	3	1	2	1	3	3	3	2.3
CO5	2	3	1	3	1	2	1	3	3	3	2.2
Mean Overall Score											2.1
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Archana V C

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23UCN4EL	Experiential Learning	-	2	-	100	100
Course Title		Internship					

SYLLABUS		
Unit	Contents	Hours
	Instructions: <ul style="list-style-type: none"> Visit may be to Textile Processing/ Weaving/ Spinning/ Knitting/ Garment Production Unit / Retail store / Boutique. Duration – 15 days. Period-From the end of IV semester exam to starting of the V semester classes. Submission of internship report and marks statement in the prescribed format. Report will be evaluated by Guide under the Viva-Voce Examination. 	

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Remember various components of textile and apparel unit.	K1
CO2	Understand the production processes for various styles.	K2
CO3	Understand the opportunities in textile and apparel industries	K2
CO4	Analyze the exposure of fashion in textile and apparel industries.	K4
CO5	Analyze management opportunities of apparel industries.	K4

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	1	3	1	3	1	2	1	2	3	3	2.0
CO2	2	3	1	2	1	2	1	3	3	3	2.1
CO3	3	2	1	2	1	2	1	3	3	3	2.1
CO4	2	3	2	3	1	2	1	3	3	3	2.3
CO5	2	3	1	3	1	2	1	3	3	3	2.2
Mean Overall Score											2.1
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Merlin Sharmi.G

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
V	23UFT5CC9	Core - IX	5	5	25	75	100
Course Title		Fashion Clothing and Psychology					

SYLLABUS		
Unit	Contents	Hours
I	Fashion Psychology Introduction -Theories of fashion adoption –trickle Down Theory, trickle up theory, trickle across theory. Factors influencing Fashion Changes-Psychological, Social, Technological, Economical, Political, Legal and Seasonal Influence. Fashion cycle-stages of Fashion cycles, Fashion cycles for classic, *Fashion cycles for fads*.	15
II	Fashion Profiles Fashion designer – Role, Essential Attributes, Types and Qualities. Fashion Leaders, Fashion Followers, Fashion stylist, Fashion Journalist, Fashion Merchandiser, Fashion Blogger Fashion Director. Fashion Forecaster -Process of Forecasting-Market Research, Evaluating the Collection. Services of Forecasting-Fashion, Colours, Newsletter, Websites, Directories and References.	15
III	Fashion Changes and Accessories Role of costumes as status symbol, clothes as sex appeal, self-identity, cultural values. Recurring silhouettes- changes in silhouette from 1895 onwards. Accessories – Foot Wear, Socks, Belts, Wallets, Handbags, Jewelry, Headgear.	15
IV	World Wide Fashion Centers and Designers Fashion Centers in India- Mumbai. International fashion Centres and Designers- Paris- Charles Frederick Worth, Italy – Valentino, London- Christopher Bailey, New York- Thomas Jacob Hilfiger. *Upcoming International Fashion Weeks*.	15
V	Indian Fashion Designers Indian Designers- Masaba Gupta, TarunTahiliani, RituBerl, RohitKhosla, Hemant Trivedi, J.J.Valaya, Ritu Kumar,Manish Malhotra, Payal Singhal, Rahul Mishra, * Manish Arora*.	15
VI	Current Trends *(For CIA only) – Recent Trend in Fashion and designer shows	

*..... * self-study

Text Book(s):
1. Navneet kaur, “Comdex Fashion Design”, Kogent Learning solution Inc, Dream tech Press, 1 st Edition - Vol 1, 2010. 2. Nirupama, “Fashion Technology Today and Tomorrow”, A Mittal Publication, New Delhi, 1 st Edition, 2007. 3. Elaine Stone, “The Dynamics of Fashion”, Fair Child Publications, New york, 3 rd Edition, 2001.
Reference Book(s):
1. AnithaTyagi, “Hand Book of Fashion Technology”, Sonali Publication, New Delhi, 1 st Edition, 2012. 2. Debbie Anngioello “Fashion Production Terms”, ABC Media inc., 1 st Edition 2004 MeenakshiNarang, “Fashion Technology Hand Book”, Asia Pacific Business Press Inc, New Delhi, 2 nd Edition, 2008.

Web Resource(s):
1. https://blog.shopfashionly.com/top-fashion-designers-chennai/
2. https://www.top-fashion-designers.info/valentino.html
3. http://www.top-fashion-designers.info/british-fashion-designers.html

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Apply the fashion Theories and psychology	K3
CO2	Analysing the Fashion Profiles and Accessories	K4
CO3	Analyze the concept of Fashion Changes and Accessories	K4
CO4	Evaluate the career of fashion designers in India	K5
CO5	Create the idea on World Wide Fashion Centers and Upcoming International Fashion Weeks.	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	2	1	1	2	2	1	1	1	1.5
CO2	2	3	3	1	1	2	2	1	1	1	1.7
CO3	3	3	3	2	1	2	2	1	1	1	1.9
CO4	3	3	3	2	2	2	2	1	1	1	2.0
CO5	3	2	1	2	1	2	2	1	1	1	1.6
Mean Overall Score											1.7
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: S. Mythili

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
V	23UFT5CC10P	Core - X	5	5	20	80	100
Course Title		Computer Aided Designing - Practical					

SYLLABUS		
Unit	Contents	Hours
I	Basic designs <ul style="list-style-type: none"> • Motif • Visiting Cards • Brochures/Invitations 	15
II	Design development <ul style="list-style-type: none"> • Croquis-Children/Men/Women • Develop Croquis with Different Silhouettes 	15
III	Children's garments <ul style="list-style-type: none"> • Romper • T-Shirt with Joggers • Gown 	15
IV	Women's garments <ul style="list-style-type: none"> • Designer Blouse • Sheath Dress • Wedding Dress 	15
V	Men's garments <ul style="list-style-type: none"> • Develop a Casual wear for Men-Care Labels • Develop Groom Dress • Develop a National and International Logos 	15

Text Book(s):
1. Satish Jain/M.Geetha, corel draw training guide, BPB Publications, 1st Edition, 2 June 2018. 2. Deke McClelland, corel draw for Dummies, IDG Books Worldwide, 1st Edition, 1993. 3. Thomas Makryniotis 3D Fashion Design Technique, Design and Visualization, Batsford, 1st Edition, 17 September 2015.
Reference Book(s):
1. Fashion Design Drawing & Presentation, Ireland Patrick John, B T Batsford Ltd, 1st Edition, 2006. 2. Fashion Design Illustration: Children, Ireland Patrick John, B T Batsford Ltd, 1st Edition, 2003. 3. Fashion Sketch Book, Bina Abbing, Fair Child Publication, New York, 1st Edition, 2006.
Web Resource(s):
1. https://www.technologywithvivek.com/2024/01/CorelDraw 2. https://www.clo3d.com/en/ 3. https://www.adobe.com/in/products/illustrator.html

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Analyze various Tools about CorelDraw	K4
CO2	Analyze basic Design Development	K4
CO3	Evaluate Various Designs for Children's	K5
CO4	Create Different Manipulating Techniques of Women's wear	K6
CO5	Create design for Men's Garment and Branded Logo's	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	3	2	3	2	3	3	3	2.8
CO2	3	3	3	3	1	3	2	3	3	3	2.7
CO3	3	3	3	3	1	3	2	3	3	3	2.7
CO4	3	3	3	3	1	3	2	3	3	3	2.7
CO5	3	3	3	3	1	3	2	3	3	3	2.7
Mean Overall Score											2.7
Correlation											High

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Jabeen.B

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
V	23UFT5CC11P	Core -XI	6	6	20	80	100
Course Title		Garment Construction For Women's Wear- Practical					

SYLLABUS		
Unit	Contents	Hours
I	Design, Draft and Construct the following garments. 1. Saree Petticoat- Six Panel /Fish cut 2. Blouse – Straight cut/ Princess cut /Katori.	18
II	Design, Draft and Construct the following garments. 3. Middi-Circular/Gathered/Pleated/with Waist Band. 4. Middi-Top-Kimono/ Raglon Sleeve, Gathers/ Belt at Waist	18
III	Design, Draft and Construct the following garments. 5. Night - Pant with/without Fly 6. Night - Top/ with Sleeves.	18
IV	Design, Draft and Construct the following garments. 7. Kameez - with Slit / A- Line/ Dabang - with Flare / Anarkali Suit - with Flare 8. Salwar / Churidhar/ Palazoo Pant	18
V	Design, Draft and Construct the following garment. 9. Party wear – with/ without yoke	18

Text Book(s):
1. Navneet kaur, “Comdex Fashion Design”, Kogent Learning solution Inc, Dream tech Press, 1 st Edition - Vol 1, 2010. 2. Mary Mathews, “Practical Clothing Construction-Part I & II”, Cosmic Press, Chennai, 1 st Edition ,1974. 3. K.R.Zarapkar, “Zarapkar System of Cutting [Paperback]”,Navneet Education Team, 1 st Edition, 2008.
Reference Book(s):
1. Chris Jefferys, “The complete Book of Sewing”, Dorling Kindersley limited, London, 1 st Edition 2006. 2. Dorothy wood, “The Practical Encyclopedia of Sewing”, Anness publishing, 1 st Edition, 2007. 3. Dennic Chunman Lo, “Pattern Cutting”, Laurence King Publishing, 2 nd Edition, 2001.
Web Resource(s):
1. https://www.researchgate.net/publication/345044538_Advanced_Garment_Construction_Guide 2. https://www.academia.edu/31105548/The_Sewing_Book_An_Encyclopedic_Resource_of_Step_by_Step_Techniques_DK_Publishing_2009 3. https://docs.google.com/file/d/0B3ki_OjdKcR-STZ0bHprNWFmTk0/edit?pli=1&resourcekey=0-8LkUPGSg8cFNEoQ9CoBFAg

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Apply the various components as per the designs.	K3
CO2	Apply the various tools and equipments as per requirements.	K3
CO3	Analyze the measurements in marker planning and pattern making.	K4
CO4	Evaluate the pattern and drafting for required designs.	K5
CO5	Create the garment as per the required measurements and design.	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	3	3	3	3	2	3	3	2.9
CO2	3	3	3	3	3	3	3	2	3	3	2.9
CO3	3	3	3	3	3	3	3	2	3	3	2.9
CO4	3	3	3	3	3	3	3	2	3	3	2.9
CO5	3	3	3	3	3	3	3	2	3	3	2.9
Mean Overall Score											2.9
Correlation											High

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: S.Mythili

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
V	23UFT5CC12P	Core - XII	5	5	20	80	100
Course Title		Fashion Portfolio Presentation - Practical					

SYLLABUS		
Unit	Contents	Hours
I	An individual Portfolio based on a theme 1. Trend Forecasts 2. Theme Write up	15
II	Preparation of Concept Boards 3. Mood Board 4. Theme Board 5. Colour Board	15
III	Profile and Design Development 6. Customer Profile 7. Fabric Sourcing-Swatches 8. Design Developments 9. Illustration With Backdrops	15
IV	Garment Construction 10. Specification Sheet 11. Pattern Making 12. Garment Construction	15
V	Preparation of Presentation 13. Prepare of Garments (2-4 Garments) 14. Final video Presentation-Duration (7mins) , Garment details	15
Text Book(s):		
1. Patrick John Ireland, “Fashion Design Illustration Women”, Batsford Ltd publisher, 1st edition, 1995. 2. Patrick John Ireland, “Fashion Illustration and presentation”, Manmeet sodhia, Kalyani publication, 1st edition, 2008. 3. Bina Ablin, “Advanced Fashion Sketch Book” Om Books International, New Delhi, 2nd edition, 2005.		
Reference Book(s):		
1. Jenny Davis, “A complete guide to fashion Designing”, Abhishek Publication, 1st Edition, 2009. 2. Manmeetsodhia, “Fashion Illustration” Kalyani Publishers, 1 st Edition, 2008 3. Anna Kiper , “Fashion Portfolio: Design & Presentation, Batsford Ltd, 1 st Edition, 2014		
Web Resource(s):		
1. https://textilelearner.net/fashion-portfolio-types-how-to-make-and-importance/ 2. https://www.behance.net/search/projects/fashion%20design%20portfolio 3. https://in.indeed.com/career-advice/finding-a-job/fashion-design-portfolio		

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Relate the concept of fashion forecasting	K4
CO2	Categorize the different types of boards	K4
CO3	Reframe and produce a garment as per designs or based on requirements.	K5
CO4	Plan a portfolio for individual designs and garment.	K5
CO5	Create the techniques and construct an own style design for different occasions	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	3	3	2	3	2	3	3	3	2.8
CO2	3	3	3	3	2	3	2	3	3	3	2.8
CO3	3	3	3	3	2	3	2	3	3	3	2.8
CO4	3	3	3	3	2	3	2	3	3	3	2.8
CO5	3	3	3	3	2	3	2	3	3	3	2.8
Mean Overall Score											2.8
Correlation											High

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Thenmozhi. K. R.

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
V	23UFT5DE1AP	DSE- I	5	5	20	80	100
Course Title		Surface Ornamentation – Practical - I					

SYLLABUS		
Unit	Contents	Hours
I	Basic Hand Stitches Running and its variations Back Stitch and its variations Hemming	15
II	Outline Stitches Chain stitch and its variations Stem Stitch	15
III	Filling Stitches Satin Fish bone Romanian Long and short French Knot Bullion Knot	15
IV	Embellishment Stitches Bead Work Sequins Work Mirror Work Ribbon Work Patch Work Flower making Tassels and Fringes	15
V	Project Work Prepare any sample using combination of these stitches. Saree/ Salwar/ Shawl or blouse.	15

Text Book(s):
Shailaja D Naik, “Traditional Embroideries of India”, APH Publishing, New Delhi, 2 nd Edition, 1996 Megan Eckman, “Everyday Embroidery for Modern Stitchers”, C&T Publishing, USA, 1 st Edition, 2020 Libby Moore, “Thread Folk: A Modern Makers Book of Embroidery Projects and Artist Collaborations”, Paige Tate & Co Publishers, 1 st Edition, 2019
Reference Book(s):
Mary Gostelow, “Coats book of Embroidery”, David and Charles Publishers, London, 2 nd Edition, 1978 Anjali Karolia, “Traditional Indian Handcrafted textiles: history, Techniques, Processes, Design”, Niyogi Books Publications, New Delhi, 1 st Edition, 2019 Dr ParulBhatnagar, “Traditional Indian Costumes and Textiles”, Abhishak Publications, Chandigarh, India, 1 st Edition, 2004

Web Resource(s):
1. https://www.youtube.com/watch?v=nJz9c8gEvFg 2. https://www.youtube.com/watch?v=Ug2d1NUuE4A 3. https://www.youtube.com/watch?v=nJz9c8gEvF

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Understand ability of designing embroidery for different stitches.	K2
CO2	Apply the different hand stitches.	K3
CO3	Apply stitches and their applications.	K3
CO4	Analyze the knowledge of appropriate designs on fabric surfaces.	K4
CO5	Evaluate the techniques to create different stitch variations.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	1	3	1	3	3	3	3	3	2.6
CO2	3	3	3	2	1	3	3	1	1	1	2.1
CO3	3	3	3	2	1	3	3	1	1	1	2.1
CO4	3	3	3	2	1	3	3	1	1	1	2.1
CO5	3	3	3	2	1	3	3	1	1	1	2.1
Mean Overall Score											2.2
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: A. G. Meera

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
V	23UFT5DE1BP	DSE-I	5	5	20	80	100
Course Title		Accessories Making – Practical - I					

SYLLABUS		
Unit	Contents	Hours
I	1. Design Stud varieties- Kundhan stones/Beads. 2. Design Chain Varieties-Brass beads/Glass charms.	15
II	1. Design and Construct Bags-Jute fabric/Printed cotton fabric. 2. Design and Construct Mobile pouch/Cover-Fur/felt.	15
III	1. Design and Construct Head cap-Non woven fabric. 2. Design and Construct Hand Gloves-Knitted Fabric.	15
IV	1. Design and Construct Children Accessories-Hair clips/Hair Bands-Knitted fabric 2. Design and Construct of Men Accessories-Bow/Tie- Woven fabric	15
V	1. Design and Construct Women Accessories-Saree belt. 2. Design and Construct Women Accessories-Designer shawl.	15
Text Book(s):		
1. <u>Bina Abbing</u> , <u>Phyllis G. Tortora</u> , The Fairchild Encyclopedia of Fashion Accessories (Fairchild Reference Collection), Fairchild Books, Student ed., 1 st Edition, January 2003. 2. <u>Dhir Yamini Jhanji</u> , Fashion Accessories, Wood head Publishing India Pvt Ltd, Edition: 1, July 2022. 3. <u>John Peacock</u> , Fashion Accessories: The Complete 20th Century Sourcebook, September 1, 1 st Edition, 2000 by Thames & Hudson.		
Reference Book(s):		
1. The Art of Soldering for Jewellery Makers: Techniques and Projects Paperback – Import, Search Press Ltd, First Edition, 2013. 2. <u>David Federman</u> , Modern Jeweler’s Consumer Guide to Colored Gemstones Paperback – Import, 2, Springer-Verlag New York Inc, First Edition ,2012. 3. <u>Louise Seijen ten Hoorn</u> , Design for Jewellery Makers: Inspiration, development and creation [Print Replica] Kindle Edition, Kindle Edition, Search Press, First Edition, 2023.		
Web Resource(s):		
1. https://www.beadsnfashion.com/collections/jewellery-making-kits 2. https://www.marthastewart.com/7847881/how-make-your-own-jewelry 3. https://www.fibre2fashion.com/industry-article/9849/how-to-design-and-create-fashion-accessories-three-different-options		

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Application of suitable pattern for stud and chain construction in different designs.	K3
CO2	Development of Bags and Mobile pouch using suitable fabrics.	K4
CO3	Application of suitable design and fabric for home textile accessories construction.	K3
CO4	Analyze about the children and men accessories.	K4
CO5	Create the designs for women accessories.	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	2	2	2	1	2	2	2	2	1.9
CO2	1	3	2	1	1	2	2	2	2	1	1.7
CO3	2	1	2	2	1	2	3	1	2	1	1.8
CO4	2	2	2	2	1	2	2	2	2	2	1.9
CO5	2	3	2	2	2	2	2	1	1	2	1.9
Mean Overall Score											1.8
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: M. Sasikala

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
V	23UFT5SE1	SEC- I	2	1	-	100	100
Course Title		Visual Merchandising and Boutique Management					

SYLLABUS		
Unit	Contents	Hours
I	Introduction to Visual Merchandising Visual Merchandising - Definition and Function, Concept of visual merchandising, Role of visual merchandising, *Scope of visual merchandising in India*.	6
II	Store Planning and Circulation Plan Store planning and fixtures - Floor plan, Display Basics - Purpose of Display, Texture - Line and Composition - Light and Lightings - *Type of Display* and Display settings ,The purpose of planning fixtures, types of fixtures, Circulation Plan - Rules of circulation, Types of Circulation plans - Free flow, Grid, Race track, Herringbone and spin.	6
III	Merchandising Presentation Merchandise presentation - meaning, principles of merchandise presentation, *elements of display* - Store Exteriors and Interiors. Window display, Mannequins, Lighting, Visual Merchandising Tool Kit, Quality and process in Visual Merchandising.	6
IV	Boutique Management Boutique – Definition – Management skills required to set up a boutique – Identifying target market and customer – *Selection of boutique name* – types of boutique – Role of boutique manager	6
V	Inventory and Financial Management of Boutique Inventory- Definition, types, buying for boutique, pricing merchandise and hiring. Project finance – cash control and cash flow analysis – managing and start up the boutique business – boutique visit – *boutique project report*.	6
VI	Current Trends *(For CIA only) – Development of visual merchandising with boutique management using recent trends	

* * self-study

Text Book(s):
1. Bhallo.S, Anuraya.S, Visual Merchandising, Tata MC Graw Hill Education Private Limited, New Delhi, 1 st Edition,2010. 2. Briana Stewart, “Opening a Boutique Guide, The Simple Guide to Boutique Success”, Create Space Independent Publisher, New York, 1st Edition, 2014. 3. Sumathi Varma, “Fundamentals of International Business”, Pearson Publications, New Delhi, 4 th Edition,2019.
Reference Book(s):
1. Dr. Khanka, “Entrepreneurial Development”, Sultan Chand Publishing, New Delhi,5th Edition,2013. 2. MeharCastelino,” Fashion Kaleidoscope”, Rupa& Co. Publisher, New Delhi, 1st Edition, 1994. 3. Martin M. Pegler, “Visual Merchandising and Display”, Fairchild Publications, New York,7th Edition,2002.
Web Resource(s):
1. https://startupbizglobal.com/starting-clothing-boutique-business-plan-pdf/ 2. https://iifd.in/how-open-clothing-boutique-fashion-design-business/ https://dressingdownton.com/7-tools-and-equipment-for-your-fashion-business/

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Analyze the concepts of visual merchandising	K4
CO2	Evaluate the storage plan and display	K4
CO3	Relate the merchandising presentation	K5
CO4	Evaluate the functions of boutique management	K5
CO5	Create the techniques of inventory and financial management	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	1	3	1	3	2	3	3	2	2.2
CO2	2	2	1	3	1	3	2	3	3	2	2.2
CO3	2	2	1	3	1	3	2	3	3	2	2.2
CO4	2	2	1	3	1	3	2	3	3	2	2.2
CO5	2	2	1	3	1	3	2	3	3	2	2.2
Mean Overall Score											2.2
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Thenmozhi. K. R.

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
V	23UFT5SE2	Skill Enhancement Course-II	2	1	-	100	100
Course Title		Fashion Merchandising and Management					

SYLLABUS		
Unit	Contents	Hours
I	Introduction to merchandising Merchandising – Definition and Function, Role of merchandising, *History of Merchandising* Types of Merchandising Company.	6
II	Merchandise presentation Merchandise presentation – meaning, principles of merchandise presentation, categories in merchandise presentation, Dominance factor in merchandise presentation, Store Exteriors and Interiors.* Window Display*.	6
III	Fashion for global market Introduction and Definition , Factors -Social, Cultural, Economic, Demographic relating to branded and licensed products, Analyzing potential or global market, identify target consumers and competition* market research and testing *.	6
IV	Designing process and thinking Introduction and Definition ,Communication Concepts and Processes Introduction to Advertising Graphic Design for Fashion Creative Advertising and* Media Planning*Professional Ethics and Responsibilities.	6
V	Fashion brand management Introduction and Definition ,Types and relevance of branding, Fashion and brand positioning, launching strategies, *distribution*, marketing campaigns for brand introduction.	6
VI	Current Trends * (For CIA only) – Develop Different Marketing Application	

* Self study *

Text Book(s):
1. Sodha and Chatley, Fashion Marketing and Merchandising, Kalyani Publication, New Delhi, 1st Edition, 2008. 2. Apparel Merchandising, Robin Mathew, Book Enclave Publishers, Jaipur, 1st Edition ,2008. 3. Fashion marketing and merchandising, Pooja Chatley, Manmeet Sodhia, Kalyani publishers, 1st Edition ,2003.
Reference Book(s):
1. Apparel Merchandising, An integrated Approach, Krishnakumar, M, Abishek Publications, 2010. 2. Apparel Merchandising, Jerry A & Rosenau, Fairchild Publications, London, 2007. 3. Apparel merchandising, an integrated approach, Krishna Kumar M, 2010 publications. 4. Harold koontz and Heine wehrich, essentials of management, TATA McGraw hill, 1998.
Web Resource(s):
1. https://ncert.nic.in/textbook/pdf/lehe202.pdf 2. https://textilelearner.net/fashion-merchandising-and-merchandiser/ 3. https://www.istitutomarangoni.com/en/fashion-courses/fashion-business/fashion-management

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Analyse the role of merchandiser.	K4
CO2	Evaluate the source of Merchandising.	K5
CO3	Evaluate the importance of Global Market	K5
CO4	Create different methods of Design Thinking	K6
CO5	Create Branding on Fashion Management	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	2	3	1	3	1	2	3	2	2.2
CO2	3	2	2	3	1	3	1	2	3	2	2.2
CO3	3	2	2	3	1	3	1	2	3	2	2.2
CO4	3	2	2	3	1	3	1	2	3	2	2.2
CO5	3	2	2	3	1	3	1	2	3	2	2.2
Mean Overall Score											2.2
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Jabeen.B

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
VI	23UFT6CC13	Core -XIII	5	5	25	75	100
Course Title		Fundamentals of Technical Textiles					

SYLLABUS		
Unit	Contents	Hours
I	Introduction to Technical Textiles Technical textiles -Definition -Classification-Agrotech-Build Tech * Cloth Tech*- Mobiltech- Indutech- Meditech- Hometech- Packtech-Sport tech-Geotech-Protech-Oekotech	15
II	Fibres used in Technical Textiles Introduction -Fibres used in Technical Textiles -Natural Fibres -Jute -Coir- Carbon. Manmade Fibers -Polyester-Polypropylene-polyethylene- Nylon -Aramid-Glass. *Application and End Uses *	15
III	Technical textiles- Agriculture, Home and Clothing Introduction -Agrotech- harvesting nets -mulch mats -crop covers, Cloth Tech - laces -Interlinings-Tapes, Hometech- Carpet backing cloth-Furniture Fabrics - Blinds and Curtains-*Application and End uses*.	15
IV	Technical Textiles - Sports, Packing and Construction Introduction -Pack tech- Packaging bags, Wrapping covers-tea bags. Buildtech- Acoustic and Thermal Installation, Waterproofing materials. Sport Tech-Swim Wear-Sportsnet-Accessories, *Application and End uses*.	15
V	India's Technical Textile Industry India's Technical Textile Market-Import of Technical Textiles-*Government Initiatives *-Harmonized System of Nomenclature -FDI-National Technical Textile Mission	15
VI	Current Trends * (For CIA only) – Advancement in Build tech and Sport tech	

** Self Study

Text Book(s):
1. Horrocks AR, "Hand Book Technical Textiles", Woodhead publishing Ltd, England, 1st Edition, 2000.
2. Anita Tyagi, "Textile Fiber and its uses", Sonali Publication, New Delhi, 1st Edition, 2014
3. Bernard P. Corbman, "Fiber to Fabric", McGraw-Hill publishing, Singapore, 1 st edition, 1983
Reference Book(s):
1. Gopalakrishnan, D, "Technical Textiles", Daya Publishing House, New Delhi, 1st Edition 2020.
2. Sheeran Ahmed, "Fibers for Technical Textiles", Springer International Publications, Germany, 1 st Edition 2020.
3. Rajesh Kalra, "Introduction to Textile Fibers and process", Ishan Publications, 2 nd Edition 2012.
Web Resource(s):
1. Technical-Textiles-5th-Sem-TT-Study-M.pdf (gphisar.ac.in)
2. (99+) HANDBOOK OF TECHNICAL TEXTILES Ramsha Rajput - Academia.edu
3. Handbook of Technical Textiles: Vol 2 Technical Textile Applications - The Textile Institute

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
	CO Statement	Cognitive Level (K-Level)
CO1	Analyze the concept of technical textiles.	K4
CO2	Analyze the different fibres in technical textiles	K4
CO3	Evaluate the features of sports and packing textiles	K5
CO4	Evaluate the functions of technical textile organisations	K5
CO5	Create the techniques on recent trends in technical textiles	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	2	2	1	3	3	2	2	2.3
CO2	3	3	2	2	2	1	3	3	2	2	2.3
CO3	3	3	2	2	2	1	3	3	2	2	2.3
CO4	3	3	2	2	2	1	3	3	2	2	2.3
CO5	3	3	2	2	2	1	3	3	2	2	2.3
Mean Overall Score											2.3
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Archana V C

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
VI	23UFT6CC14P	Core- XIV	6	6	20	80	100
Course Title		Fashion photography-Practical					

SYLLABUS		
Unit	Contents	Hours
I	Introduction to fashion photography 1.Introduction-Camera Understanding Smart phone camera and settings	15
II	Fundamentals of photography Aperture, Shutter Speed, and ISO – Indoor Fashion Product Photography - Indoor	15
III	Composition of photography Composition – Rule of thirds - Outdoor Nature -Landscape and Close up Photography	15
IV	Action photography Indoor / Outdoor Photography -Portrait –Single. Indoor/ Outdoor Photography – Landscape – Group.	15
V	Lighting and editing 9.Lighting –Top-light, key light, back light, side light, low light. 10.Editing- Image Editing, Sound and Music mixing .	15

Text Book(s):
1. Joel Sartore photographer, National geographic fellow, "Fundamentals of photography" published by THE GREAT COURSES" Virginia,2012. 2. Gina Milicia "Fast flash for portrait perfection" publisher - Darren Rowse, Melbourne, edition 1.0, 2016. 3. John Davenport "The DPs ultimate guide to photography for beginners" publisher Darren Rowse, Melbourne, 1st edition, 2017
Reference Book(s):
1. Bryan Peterson, Understanding exposure, Clarkson Potter Publications, 4 th edition, 2016 2. Bryan Peterson, Understanding flash photography, Clarkson Potter Publications, 1 st edition, 2011 3. Bruce Smith, Fashion Photography, Amphoto Books, 1 st Edition, 2008
Web Resource(s):
1. https://photzy.com/short-guide-to-fashion-photography/ 2. https://photzy.com/7-pro-tips-for-fashion-photography-and-creative-portraiture-free-quick-guide/ 3. https://www.pexels.com/search/fashion%20photography/

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Understanding the basics of fashion photography	K2
CO2	Apply the fundamentals of photography	K3
CO3	Create composition of photography	K6
CO4	Create outdoor or Indoor photography	K6
CO5	Create the lighting and editing in photography	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	3	2	3	2	2	3	3	2.6
CO2	3	3	2	3	2	3	2	2	3	3	2.6
CO3	3	3	2	3	2	3	2	2	3	3	2.6
CO4	3	3	2	3	2	3	2	2	3	3	2.6
CO5	3	3	2	3	2	3	2	2	3	3	2.6
Mean Overall Score											2.6
Correlation											High

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: C.Manochitra

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
VI	23UFT6CC15P	Core - XV	6	6	20	80	100
Course Title		Garment Construction for Men's Wear - Practical					

SYLLABUS		
Unit	Contents	Hours
I	Design, Draft and Construct the Following Garment 1. S B Vest	18
II	Design, Draft and Construct the Following Garment 2. T-Shirt	18
III	Design, Draft and Construct the Following Garment 3. Full sleeve shirt	18
IV	Design, Draft and Construct the Following Garment 4. Nehru Kurta	18
V	Design, Draft and Construct the Following Garment 5. One –Piece pant	18

Text Book(s):
1. Navneet kaur, “Comdex Fashion Design”, Kogent Learning solution Inc, Dream tech Press, Vol 1, 1st Edition, 2010. 2. Mary Mathews, “Practical Clothing Construction-Part I & II”, Cosmic Press, 1st Edition, Chennai, 1974. 3. K.R.Zarapkar, “Zarapkar System of Cutting [Paperback]”, Navneet Education Team, 1st Edition, Publishing 2008.
Reference Book(s):
1. Chris Jefferys, “The complete Book of Sewing”, Dorling Kindersley limited, London, first edition 2006. 2. Dorothy wood, “The Practical Encyclopedia of Sewing”, Anness publishing, 1 st Edition, 2007. 3. Dennic Chunman Lo, “Pattern Cutting”, Laurence King Publishing, Second Edition, 2001.
Web Resource(s):
1. https://brandsco.com/blogs/mens-style-blogs-practical-fashion-and-lifestyle-advice 2. https://www.etelestia.com/en/men-clothing-patterns-making.aspx 3. https://www.goodreads.com/shelf/show/mens-fashion

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Analyze various components as per the designs	K4
CO2	Analyze various tools and equipments as per requirements.	K4
CO3	Evaluate the pattern for required designs.	K5
CO4	Evaluate the standard measurements to create the required garment.	K5
CO5	Create Different Measurements in pattern making.	K6

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	2	2	3	2	3	2	2	3	2	2.4
CO2	3	2	2	3	2	3	2	2	3	2	2.4
CO3	3	2	2	3	2	3	2	2	3	2	2.4
CO4	3	2	2	3	2	3	2	2	3	2	2.4
CO5	3	2	2	3	2	3	2	2	3	2	2.4
Mean Overall Score											2.4
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Jabeen.B

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
VI	23UFT6PW	Project Work	3	2	-	100	100
Course Title		Project Work					

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
VI	23UFT6DE2AP	DSE-II	5	4	20	80	100
Course Title		Surface Ornamentation – Practical II					

SYLLABUS		
Unit	Contents	Hours
	General Instructions: <ul style="list-style-type: none"> ➤ Use aari needles to make the stitches ➤ Develop a design using the stitch ➤ Create a sample for each stitch in the size of 5×5 Inches 	
I	Chain Stitches <ol style="list-style-type: none"> 1. Zari chain 2. Thread chain 3. Back chain 4. Magic chain 	15
II	Filling Stitches <ol style="list-style-type: none"> 5. Stem stitch 6. Button hole open stitch 7. Button hole close stitch 8. Water filling stitch 	15
III	Advanced filling stitch <ol style="list-style-type: none"> 9. Padded loading 10. Zig zag stitch 11. Clove stitch 12. French knot 13. Bullion Knot 	15
IV	Embellishment stitch <ol style="list-style-type: none"> 14. Zardhosi stitch 15. Mirror work 16. Cut work 17. Chamki work 18. Beads work 19. Chakries work 	15
V	Project work <ol style="list-style-type: none"> 20. Design a Bridal blouse with above mentioned stitches 	15

Text Book(s):
1. Shailaja D Naik, “Traditional Embroideries of India”, APH Publishing, New Delhi, 2 nd Edition, 1996 2. Megan Eckman, “Everyday Embroidery for Modern Stitchers”, C&T Publishing, USA, 1 st Edition, 2020 3. Libby Moore, “Thread Folk: A Modern Makers Book of Embroidery Projects and Artist Collaborations”, Paige Tate & Co Publishers, 1 st Edition, 2019

Reference Book(s):
1. Mary Gostelow, "Coats book of Embroidery", David and Charles Publishers, London, 2 nd Edition, 1978
2. Anjali Karolia, "Traditional Indian Handcrafted textiles: history, Techniques, Processes, Design", Niyogi Books Publications, New Delhi, 1 st Edition, 2019
Dr ParulBhatnagar, "Traditional Indian Costumes and Textiles", Abhishak Publications, Chandigarh, India, 1 st Edition, 2004
Web Resource(s):
1. https://www.youtube.com/watch?v=nJz9c8gEvFg
2. https://www.youtube.com/watch?v=Ug2d1NUuE4A
3. https://www.youtube.com/watch?v=nJz9c8gEvF

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Understand ability of designing embroidery for different stitches.	K2
CO2	Apply the different hand stitches.	K3
CO3	Apply stitches and their applications.	K3
CO4	Analyze the knowledge of appropriate designs on fabric surfaces.	K4
CO5	Evaluate the techniques to create different stitch variations.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	1	3	1	3	3	3	3	3	2.6
CO2	3	3	3	2	1	3	3	1	3	1	2.2
CO3	3	3	3	2	1	3	3	1	3	1	2.2
CO4	3	3	3	2	1	3	3	1	3	1	2.2
CO5	3	3	3	2	1	3	3	1	3	1	2.2
Mean Overall Score											2.3
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: Merlin Sharmi.G

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
VI	23UFT6DE2BP	DSE-II	5	4	20	80	100
Course Title		Accessories Making-Practical-II					

SYLLABUS		
Unit	Contents	Hours
I	1. Construction of Bangle Varieties-Silk Thread/Fabric 2. Construction of Ring Varieties-Clay	15
II	1. Construction of Tribal accessories –Pendants with Tribal Prints. 2. Construction of Tribal Accessories-Necklace	15
III	1. Construction of Head Accessories-Scrunches. 2. Construction of Neck Accessories-Lace choker.	15
IV	1. Construction of Bridal accessories-Haldi Necklace 2. Construction of Bridal accessories-Haldi Studs	15
V	1. Construction of accessories from Waste-Synthetic materials. 2. Construction of accessories from waste-Natural materials.	15
Text Book(s):		
1. Alka Raghuvanshi, <u>A rendezvous with traditional Indian jewellery</u> , Shubhi publications, Gurgaon, First Edition, 2024. 2. Owen Jones & J.B. Waring, The grammar of Ornaments, Kalpaz Publications, First Edition, 2017. 3. Nazmeen Anam, Catalogue on ethnic jewellery, Hand book, Assam Institute of research for Tribals and Scheduled castes, First Edition, 2017.		
Reference Book(s):		
1. <u>Tammy Powley</u> , First Time Jewelry Making: The Absolute Beginner's Guide, Volume 7 (First Time, 7), Quarry Books, First Edition, 2019. 2. <u>Janet Evans</u> , Jewelry Making for Beginners: A Complete & Easy Step by Step Guide Paperback, First Edition, 2013. 3. <u>Sara Withers</u> , <u>Xuella Arnold</u> , Compendium of Jewellery Making Techniques: 250 Tips, Techniques and Trade Secrets Paperback – Import, Search Press Ltd, First Edition, 2013.		
Web Resource(s):		
1. https://www.beadsnfashion.com/pages/jewellery-making-tutorials . 2. https://www.jewelry-tutorials.com/index.html 3. https://www.allfreejewelrymaking.com/		

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Develop the Bangles and studs construction in different designs.	K3
CO2	Construct about the construction of Tribal accessories using suitable prints.	K3
CO3	Create of suitable design for neck and head accessories construction.	K6
CO4	Analyze about the Bridal accessories.	K4
CO5	Evaluate the designs for accessories from wealth of waste.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	2	2	2	1	2	2	2	2	1.9
CO2	1	2	2	2	1	1	1	2	1	1	1.4
CO3	2	2	3	1	1	2	1	2	2	2	1.8
CO4	2	2	2	1	1	2	2	2	2	2	1.8
CO5	2	2	2	2	2	1	2	2	2	2	1.9
Mean Overall Score											1.8
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: M.Sasikala

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
VI	23UFT6DE3A	DSE-III	4	3	25	75	100
Course Title		Garment Quality and Cost Control					

SYLLABUS		
Unit	Contents	Hours
I	Quality Control Quality-Definition and its Importance. Scope of quality control in garment industry. *Merchandising Standards*-Definition-Quality control for Textile raw materials.	12
II	Quality Specification Establishing and Procedure for processing quality Specification-Quality Control Training for Personnel. Quality Standard Control-Definition. *Inspection in Quality control*. Quality control in Finished garments, Packaging, warehousing and shipping.	12
III	Functions of Production Control Functions of Production control-*Production Analysis*-Definition. Quality specification and Quantitative Production. Scope of Apparel Manufacturing activity.	12
IV	Control Forms Control Forms-Definition, Types of Control Forms-Basic production system and *Evaluating Production system*. Principles for choosing Production system. Basic flow chart for Production Control.	12
V	Cost Control Cost and Expenses- Definition and Types. Cost Control-Definition, Types of cost Control-Sales, Purchasing, Production and administration. Functions of Cost control. *Cost ratio policies*-Manufacturing budget, cash flow control, standard cost sheet, Break even analysis.	12
VI	Current Trends *(For CIA only) – Applications of Artificial Intelligence in garment quality and cost control.	

.... Self study

Text Book(s):
1. Periyasamy Aravin Prince, Apparel Quality Control, LAP Lambert Academic Publishing, 1 st Edition, July 2014. 2. Pradip V. Mehta, Satish K. Bhardwaj, Managing Quality in the Apparel Industry, New Age International, 1 st Edition, 1998 3. Ye qing zhu, Garment Quality Control, China Textile Press and Apparel Press, 1 st Edition, September 2011.
Reference Book(s)
1. Prasanta Sarkar, Garment Manufacturing: Processes, Practices and Technology, Online Clothing Study - Business & Economics, 1 st Edition, 2015. 2. P. V. Mehta, Managing Quality In The Apparel Industry, New Age International Publishers Ltd.- new Delhi, 1 st Edition, 1998. 3. Dr. Prabir Jana, Mausmi Ambastha, Cutting Room Management in Apparel Manufacturing, Technology & Engineering, Apparel Resources Pvt. Ltd, 1 st Edition, 2020.

Web Resource(s):
1. https://www.hqts.com/apparel-quality-control-standards-and-procedures/
2. https://www.eurofins.com/assurance/consumer-products/resources/articles/quality-control-in-garment-manufacturing/
3. https://textilelearner.net/quality-control-in-garment-manufacturing/

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Application of concepts in basics of quality control.	K3
CO2	Develop concept about the quality specification.	K3
CO3	Apply the functions of production control in garment Industry.	K3
CO4	Analyze about the control forms and its types.	K4
CO5	Evaluate the about cost control and expenses.	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	2	2	2	1	1	2	2	2	1.8
CO2	1	2	2	2	1	2	1	2	1	1	1.5
CO3	1	2	3	1	3	2	1	1	2	2	1.8
CO4	2	2	2	1	1	1	2	2	2	3	1.8
CO5	2	1	2	2	2	2	2	2	2	2	1.9
Mean Overall Score											1.8
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: M.Sasikala

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
V	23UFT6DE3B	DSE-III	4	3	25	75	100
Course Title		Fundamentals of Home Science					

SYLLABUS		
Unit	Contents	Hours
I	Food Science Food- Definition, Classification, Basic Food groups-cereals and its types, Pulses Fruits and vegetables, *Milk and its by-products* -Meat fish and Poultry- Spices-Nuts and oil, Nutritional Value and composition of each food products	12
II	Nutrition Physical Development and good Health-Carbohydrates, proteins and lipids, *minerals and vitamins*, water and Fiber. Calorific value of foods and basal metabolism	12
III	Resource Management Resource Management -Meaning, Definition, characteristic and classification, tools used in management, Time management, Energy management-efforts in home making activities -mental, visual and manual effort. *Money management *-credit and Saving-Budget planning and Savings	12
IV	Child Rights and Gender Empowerment Meaning of Child Rights and Convention on Child Rights- Demographic profile of the child in India, Street children, working children and homeless children, Child Abuse Child Trafficking, *Socialisation for gender*- gender roles, gender stereotypes, Issues and concerns related to girls and women in India	12
V	Extension Management and Community Development Historical perspectives of extension, objectives of extension education and extension service, Programme management- needs assessment, situation analysis, planning, organisation, implementation, monitoring and evaluation. Extension methods and materials- interpersonal, small and large group methods, *audiovisual aids*-need, importance, planning.	12
VI	Current Trends * (For CIA only) – Dietary allowances to various age group, based on nutritional values	

.... self study

Text Book(s):
<ol style="list-style-type: none"> Mullick.P, “Text Book of Home Science,” Kalyani Publishers, 2nd Edition, 2010. Khosla.A and Monacha.R, “UGC NET/SET Home Science”, Danika publishers of Truman’s Specific Series, 2nd Edition 2020 Yadla.V.L and Jasrai.S, Kalyani “Reference Book for UGC NET” in Home Science, Kalyani Publishers, 1st Edition 2006
Reference Book(s):
<ol style="list-style-type: none"> ShanthiGhosh, “Nutrition and Child Care – A Practical Guide”, Jay Pee Brothers Medical Publishers, Private Limited, New Delhi, 2nd Edition 1997. Davidson.S.S, “Human Nutrition and Dietetics”, F & S Living Stone publications Limited, Edinburgh and London, 9th Edition ,1993. 3 Devadas.R.P, “Nutrition in Tamil Nadu”, Sangham Publishers,Mumbai India , 1ST Edition,1972..

Web Resource(s):

1. [kehe103.pdf \(ncert.nic.in\)](#)
2. [NCERT Book for Class 12 Home Science free pdf download \(studiestoday.com\)](#)
3. [Home Science \(321\): The National Institute of Open Schooling \(NIOS\)](#)

Course Outcomes

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

CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Apply the foods based on components	K3
CO2	Analyze different types of nutrition	K4
CO3	Analyze the Social Changes in family and community development	K4
CO4	Evaluate management types	K5
CO5	Evaluate the idea on family and resources	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	1	1	3	1	1	1	2	1	1	1.5
CO2	3	1	1	3	1	1	1	2	1	1	1.5
CO3	3	1	1	3	1	1	1	2	1	1	1.5
CO4	3	1	1	3	1	1	1	2	1	1	1.5
CO5	3	1	1	3	1	1	1	2	1	1	1.5
Mean Overall Score											1.5
Correlation											Medium

Mean Overall Score	Correlation
< 1.5	Low
≥ 1.5 and < 2.5	Medium
≥ 2.5	High

Course Coordinator: V.C. Archana