

DEPARTMENT OF FASHION TECHNOLOGY AND COSTUME DESIGNING

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

Programme : B.Voc., APPAREL AND FASHION DESIGN



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.VOC. APPAREL AND FASHION DESIGN

Sem	Part	Course	Course Code	Course Title	Total Hours	Hrs per week	Credits	Marks		
								CIA	ESE	Total
I	I	General	23B1LT1 /23B1LBT1	Language - I (Tamil) /Basic Tamil - I	30	2	2	25	75	100
	II	General	23BCN1LE1	English - I	30	2	2	25	75	100
	III	General	23BAF1G1	Apparel Designing and Clothing Psychology	45	3	3	25	75	100
		General	23BAF1G2	Pattern and Sewing Techniques	45	3	3	25	75	100
		Skill	23BAF1S3P	Apparel Designing and Sketching - Practical	135	9	6	20	80	100
		Skill	23BAF1S4P	Sewing Techniques - Practical	135	9	6	20	80	100
		Skill	23BAF1I5	Internship	180	-	6	-	100	100
	IV	General	23BCN1AE1	Value Education	30	2	2	-	100	100
Total				630	30	30		-	800	
II	I	General	23B2LT2 /23B2LBT2	Language - II (Tamil) /Basic Tamil - II	30	2	2	25	75	100
	II	General	23BCN2LE2	English - II	30	2	2	25	75	100
	III	General	23BAF2G6	Apparel Technology and Entrepreneurship	45	3	3	25	75	100
		General	23BAF2G7	Fiber to Fabric	45	3	3	25	75	100
		Skill	23BAF2S8P	Girl's Wear Design - Practical	135	9	6	20	80	100
		Skill	23BAF2S9P	Computer Aided Fashion Designing - Practical	135	9	6	20	80	100
		Skill	23BAF2I10	Internship	180	-	6	-	100	100
	IV	General	23BCN2SS	Soft Skills Development	30	2	2	-	100	100
Total				630	30	30			800	
III	III	General	23BAF3G11	Fabric Manufacturing Technology	60	4	4	25	75	100
		General	23BAF3G12	Fabric Structure and Design	45	3	3	25	75	100
		General	23BAF3G13	Traditional Costumes of India	45	3	3	25	75	100
		Skill	23BAF3S14P	Boy's Wear Design - Practical	90	6	4	20	80	100
		Skill	23BAF3S15P	Fabric Structure and Design - Practical	90	6	4	20	80	100
		Skill	23BAF3S16P	Hand Embroidery - Practical	90	6	4	20	80	100
		Skill	23BAF3I17	Internship	180	-	6	-	100	100
	IV	General	23BCN3AE2	Environmental Studies	30	2	2	-	100	100
Total				630	30	30		-	800	
IV	III	General	23BAF4G18	Textile Wet Processing	60	4	4	25	75	100
		General	23BAF4G19	Knitting	60	4	4	25	75	100
		General	23BAF4G20	Apparel Merchandising and Marketing	60	4	4	25	75	100
		Skill	23BAF4S21P	Women's Wear Design - Practical	90	6	4	20	80	100
		Skill	23BAF4S22P	Textile Wet Processing - Practical	90	6	4	20	80	100
		Skill	23BAF4S23P	Basic Aari Embroidery - Practical	90	6	4	20	80	100
		Skill	23BAF4I24	Internship	180	-	6	-	100	100
	Total				630	30	30			700
V	III	General	23BAF5G25	Garment Quality and Cost Control	60	4	4	25	75	100
		General	23BAF5G26	Textile Testing	60	4	4	25	75	100
		General	23BAF5G27	Visual Merchandising	60	4	4	25	75	100
		Skill	23BAF5S8P	Men's Wear Design - Practical	90	6	4	20	80	100
		Skill	23BAF5S29P	Textile Testing - Practical	90	6	4	20	80	100
		Skill	23BAF5S30P	Fabric Painting - Practical	90	6	4	20	80	100
		Skill	23BAF5I31	Internship	180	-	6	-	100	100
	Total				630	30	30			700
VI	III	General	23BAF6G32	Export Marketing	60	4	4	25	75	100
		General	23BAF6G33	Boutique Management	60	4	4	25	75	100
		General	23BAF6G34	Home Science	45	3	3	25	75	100
		Skill	23BAF6S35P	Apparel Draping - Practical	90	6	4	20	80	100
		Skill	23BAF6S36P	Accessories Making - Practical	90	6	4	20	80	100
		Skill	23BAF6S37P	Apparel Home Furnishing - Practical	90	6	4	20	80	100
		Skill	23BAF6I38	Internship	180	-	6	-	100	100
	IV	General	23BCN6AE3	Gender Studies	15	1	1	-	100	100
Total				630	30	30			800	
Grand Total					3780		180			4600

General Course – 24		Skill Course - 22		Total
Language - 2	Environmental Studies - 1	Practical - 16	46	
English - 2	Gender Studies - 1	Internship - 6		
Value Education - 1	Soft Skills Development - 1			
Apparel and Fashion Design (Theory) - 16				

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
I	23BAF1G1	General	3	3	25	75	100
Course Title		Apparel Designing and Clothing Psychology					

SYLLABUS		
Unit	Contents	Hours
I	Introduction to Fashion And Terms Introduction to fashion design. Terminology of fashion- fashion, apparel, style, design, classic, fad, trend, chic, haute couture, mannequin. Fashion forecasting - fashion show, trade show. *Fashion cycle*, Application of Structural and Decorative Design in dress design.	8
II	Elements of Design And Portfolio Presentation Elements of Art - line, shape or forms, color, size, and texture. Principle of Design- balance, rhythm, proportion, harmony and emphasis. Occasions - Forecasting colors, Pattern and Fabric for the ensuing seasons based on national forecast. Preparation –Theme board, Mood board, Story board, Fabric board, Colour board. *Fabric development chart*-Design development chart-Final Presentation.	9
III	Figure Irregularities Garment Designing for Figure Irregularities becoming and unbecoming. Figure types –Stout figure, Thin figure, Slender figure, Broad Shoulder, Narrow shoulder, Round shoulder, Flat bust, Large bust, Large abdomen and Large hip. Faces-Round, Large, Small, Broad, *Chin-Prominent and Jaw*, Prominent forehead	11
IV	Sources of Fashion Inspiration Theories of fashion adoption- down flow theory, horizontal flow theory, upward flow theory. Factors influencing fashion changes- psychological, social, technological, economical, political, *legal and seasonal influence*. Role of costumes as a status symbol. Fashion leaders and followers.	8
V	Fashion Centres and Designers World fashion Centres- France, USA, Italy, Germany, New York and Far East countries. Understanding fashion designers- classicists, idealist, influenced, realist, and thinking poet. Indian Fashion Designers-Ritu Beri, Rohit Khosla, Ritu Kumar, Rohit Bal, J.J Valaya, Tarun Tahiliani, Gitanjali Kashyap. Studio line – Bhairavi Jaikishan, Kishan Mehta, Madhu Jain.	9
VI	Current Trends (For CIA only) - Compare national and international designers	

..... Self Study

Text Book(s):
1. Khurana and Sethi, "Introduction to Fashion Technology", Fire Well Publication, New Delhi, 2 nd Edition, 2007.
2. Frings, "Fashion from Concept to Consumer", Dorling Kindersley Publishing Inc, India, 7 th Edition, 2008.
3. Meenakshi Narang, "Fashion Technology Hand Book", Asia Pacific Business Press Inc, New Delhi, 2 nd Edition, 2008.

Reference Book(s):
1.Pundir. N, “Fashion Technology Today and Tomorrow”, Mittal Publication, New Delhi, 1 st Edition, 2007.
2. Judith Rasband, “Wardrobe Strategies for Women”, Judith Rasband, Delmar Publishers, London, 1 st Edition, 1995.
3. Jenny Davis, A Complete Guide to Fashion Designing, Abhishek Publication, Chandigarh, 1 st Edition, 2009.
Web Resource(s):
1. https://www.perfectlybasics.com/style-file-figure-problems-and-solutions-0457010000002025.aspx
2. https://routledge-textbooks.com/textbooks/the-psychology-of-everything/why-do-we-need-a-psychology-of-fashion.php
3. https://www.wordnerd.eu/blog/why-are-paris-milan-new-york-and-london-the-fashion-capitals-of-the-world

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 awareness about clothing culture.	K1
CO2	Understand the origin of fashion.	K2
CO3	Apply the Garment Designing for types of figures.	K3
CO4	Analyze the fashion inspiration.	K4
CO5	Evaluate about fashion designer and make use of current fashion and world fashion.	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	1	1	2	2	1	3	2	3	2	2	1.9
CO2	1	3	2	2	1	3	2	3	3	2	2.2
CO3	2	2	3	2	1	3	3	3	3	2	2.4
CO4	2	2	3	3	2	2	1	1	2	3	2.1
CO5	2	2	2	2	2	3	2	2	2	2	2.1
Mean Overall Score											2.14
Correlation											Medium

Mean Overall Score-Sum of Mean Score CO5/Total Number of CO5	
<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
I	23BAF1G2	GENERAL	3	3	25	75	100
Course Title		Pattern and Sewing Techniques					

SYLLABUS.		
Unit	Contents	Hours
I	Essentials of Sewing: Parts and functions of a single needle machine. Essential tools – cutting tools, measuring tools, marking tools, * embroidery tools, general tools*, pressing tools, Body measurement – importance, Method of taking measurements for ladies and men. Measurements required for woman's salwar and kameez. Measurements required for men's shirt and pant.	9
II	Pattern Making and Fitting: Pattern Making – Types, Drafting, Draping and commercial pattern advantages and limitation. Principles of Pattern Drafting. Pattern Details, Steps in drafting basic bodice front, back and Sleeve. Preparation Of Fabric For Cutting – * Importance of grain in cutting and construction* - Steps in preparing the fabric for cutting.	9
III	Dart Manipulation: Styles created by shifting of blouse darts - Adding fullness to the bodice, converting darts to seams and partial yokes and incorporating darts into seams forming yokes. Fitting – * Standards of a Good Fit* - Steps in Preparing a Blouse for Fitting - Checking the Fit of a Blouse - Solving Fitting Problems in a Blouse - Fitting Techniques.	9
IV	Pattern Layout: Definition - Purpose, Rules in layout - Types of Layout (Methods) - Layouts for Lengthwise Striped Designs, Fabric with Bold Designs, * Asymmetric Designs, One Way Designs*, Concealing the cloth in insufficient. Fabric Cutting - Transferring Pattern Markings - Stay stitching and ease stitching.	9
V	Pattern Alteration & Grading: Importance of altering patterns - General principles for pattern alteration, Common pattern alteration in a blouse. Pattern Grading – Definition - Types, Manual – Master Grades, Basic Front, Basic Back, Basic Sleeve, *Basic Collar*.	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, Reprinted, 2014 2. Zarapker, “Zarapker System of Cutting” K.R, Navneet Publications Ltd, Mumbai, Reprinted, 2012. 3. The complete Book of Sewing, Betsy Hosegood, Dorling Kindersley limited, London, 2006.
Reference Book(s):
1. Dorothy Wood , “The practical Encyclopedia of Sewing” , Anness Publishing, 2007 2. Draping and Pattern Making for Fashion Design, Kamal Khurand, Sonali Publications, New Delhi, 2012. 3. Clothing and Textiles, Swathi Bhargava, Shree Niwas Publications, Jaipur, 2010.
Web Resource(s):
1. http://textilelearner.blogspot.com/2014/03/garments-pattern-making-methods.html 2. http://isntthatsew.org/dart-manipulation/ 3. https://www.clothingpatterns101.com/pattern-grading.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 the function of a sewing machine and the tools needed for sewing, and procedure for taking body measurement	K1
CO2	Understand the methods of preparing pattern	K2
CO3	Apply the pattern layout planning and preparation of construction flow for apparel production	K3
CO4	Analyze the techniques involved in pattern alteration and grading for various body measurements	K4
CO5	Evaluate the fitting problems in the 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	2	3	2	2	3	3	3	3	3	2	2.6
CO2	2	1	2	3	3	2	1	1	2	3	1.9
CO3	1	2	2	3	2	2	2	3	3	2	2.2
CO4	2	2	3	2	3	3	2	3	1	3	2.4
CO5	3	3	3	2	2	3	2	2	2	2	2.4
Mean Overall score											2.3
Correlation											Medium

Mean Overall Score-Sum of Mean Score CO5/Total Number of CO5	
<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
I	23BAF1S3P	SKILL	9	6	20	80	100
Course Title		Apparel Designing and Sketching - Practical					

SYLLABUS.		
Unit	Contents	Hours
I	Prepare the Following Charts- Prang Color Charts, Value Chart, Intensity Chart Illustrate the garment design -Structural Design, Decorative Design Elements of design-Line, Colors, Texture, Shape, Size Principles of design-Balance, Harmony, Emphasis, Proportion, Rhythm	27
II	Basic techniques- Free hand drawing, Basics of shading and Hatching Facial features- Eyes ,Nose, Ears, Lips, Legs, Hands and Hair styles Basic human proportions -Children- 5,5 ½ & 6 Adult- 8,10,12 head theory and motion posture, standing and moving action	27
III	Style manipulation illustration of Garment- Sleeves with monochromatic , collar with analogue, cuffs-Complimentary , necklines-Double Complimentary Skirts -Double Complimentary , pockets-Split Complimentary, yokes-Triad Colour , Pant and its types	27
IV	Illustrate the garment design -Structural Design, Decorative Design Elements of design-Line, Colors, Texture, Shape, Size Principles of design-Balance, Harmony, Emphasis, Proportion, Rhythm	27
V	Garment details- Salwar Kameez – using one way design. Casual Wear (Women and Men) – using textured effect. Formal Wear (Women and Men) – using rendering effect. Party Wear (Women and Men) - using various printed design	27

Text Book(s):
1. Patrick John Ireland, “Fashion illustration and presentation”, Manmeetsodhia, Kalyani publication, 1 ST Edition, 2008. 2. Patrick John Ireland, “Fashion Design Illustration for children’s wear” vol-1 Batsford Ltd publisher, 1995. 3. Bina Abing, “Advanced Fashion Sketch Book” Om Books international, New Delhi, 2 nd edition, 2005.
Reference Book(s):
1. Bina abing, “Advanced Fashion sketch book”, Om Books international, New Delhi, 2 nd edition, 2007 2. The book master, “A Complete course to Sketching and shading” DS Publishers, India ,1 st edition, 2014 3. Patrick John Ireland, “Fashion Design Illustration: Men,” Om books international, New Delhi, 2nd edition, 2005
Web Resource(s):
1. https://www.freepik.com 2. https://rapidfireart.com/2013/05/08/how-to-draw-eyes/ 3. 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	23BAF1S4P	SKILL	9	6	20	80	100
Course Title		Sewing Techniques – Practical					

SYLLABUS.		
Unit	Contents	Hours
I	1. Seams a) Plain seam b) Top stitched seam c) Felt seam d) French seam e) Piped seam f) Mantua maker's seam g) Lapped seam	25
	2. Seam Finishes a) Turned Under seam finish b) Overcast-Closed seam finish c) Overcast-Opened seam finish d) Pinked seam finish e) Herring bone finish seam f) Bound seam edge finish	
II	3. Hems a) Faced hem b) Edge stitched hem b) Band hem. d) Mitered hem.	25
	4. Casing a) Casing with Drawstring b) Casing with elastic c) Casing with Heading 5. Fasteners a) Buttons with hole b) Shank buttons c) Press buttons d) Hooks and eyes e) Eyelets and cords f) Thread loops	
III	6. Fullness a) Darts b) Tucks c) Pleats d) Gathers f) Frills f) Godets g) Flares	35
	7. Facing a) Biased facing b) Shaped facing c) Decorative facing d) Binding e) Piping 8. Pockets a) Patch pocket b) Bound pocket c) Pocket in a seam	
IV	9. Plackets a) Continuous placket b) Zippered placket c) Tailor placket d) Double piece placket	25
	10. Yokes a) Partial yoke b) Midriff yoke	
V	11. Collars a) Peter pan collar b) Convertible collar c) Mandarin collar d) Sailor collar	25
	2. Sleeves a) Plain sleeve b) Puff Sleeve c) Raglan sleeve d) Kimono sleeve	

Text Book(s):
<ol style="list-style-type: none"> 1. Mary Mathews, "Practical Clothing Construction – Part I & II", Cosmic Press, Chennai, Reprinted, 2014. 2. Zarapker, "Zarapker System of Cutting" K.R, Navneet Publications Ltd, Mumbai, Reprinted, 2012. 3. Betsy Hosegood, "The complete Book of Sewing", Dorling Kindersley limited, London, 2006.

Reference Book(s):
1. Dorothy Wood, “The practical Encyclopedia of Sewing”, Anness Publishing, 2007. 2. Kamal Khurand, “Draping and Pattern Making for Fashion Design”, Sonali Publications, New Delhi, 2012. 3. Swathi Bhargava, “Clothing and Textiles”, Shree Niwas Publications, Jaipur, 2010.
Web Resource(s):
1. http://textilelearner.blogspot.com/2014/03/garments-pattern-making-methods.html 2. http://isntthatsew.org/dart-manipulation/ 3. https://www.clothingpatterns101.com/pattern-grading.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 the Fundamental components of Garment construction	K1
CO2	Understand the elements for Garment Decoration such as Fullness	K2
CO3	Apply the casing and facing in different Garments.	K3
CO4	Analyse various forms of Plackets and Pockets	K4
CO5	Evaluate the different types of Collars and Sleeves	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	3	3	3	3	3	2	1	2	2.6
CO2	3	3	3	3	3	3	3	2	1	2	2.6
CO3	2	2	2	2	2	3	3	2	1	2	2.1
CO4	3	3	3	3	3	3	3	2	1	2	2.6
CO5	1	1	1	1	1	3	3	2	1	2	1.6
Mean Overall score											2.3
Correlation											Medium

Mean Overall Score-Sum of Mean Score CO5/Total Number of CO5	
<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
I	23BAF115	SKILL	-	6			100
Course Title		Internship					

SYLLABUS		
Unit	Contents	Hours
	<ul style="list-style-type: none"> The student has to visit Retail store/Boutique/Garment unit (or) Prepare a portfolio presentation for Children, Women and Men garment using sketching Duration -180 Hours Submission of report and mark statement in the prescribed format during last week of 1st semester. Report will be evaluated by-guide under viva voice examination. 	180

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 knowledge about Working environment by giving real-time exposure in the Industry	K1
CO2	Understand the various opportunities in the Boutique/retail store	K2
CO3	Apply the sketching in different garments for boutique	K3
CO4	Analyze the students to relate their theoretical knowledge with the application domain of the garment industry	K4
CO5	Evaluate the different styles of garment by using portfolio presentation	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	2	3	3	3	1	3	2.6
CO2	1	3	3	2	3	3	3	3	1	3	2.5
CO3	1	1	3	1	1	1	1	1	3	3	1.6
CO4	3	3	3	3	1	3	3	3	1	3	2.6
CO5	3	3	1	2	1	3	3	3	1	3	2.3
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: T. Nisaanth

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
I	23BCN1AE1	General	2	2	-	100	100
Course Title		Value Education for Women					

SYLLABUS		
Unit	Contents	Hours
I	VALUES IN LIFE: Purpose and philosophy of life – Need for values –five fold moral culture - Imbibing values: truth, loyalty, integrity, humility, trustworthy, considerate, not being greedy, clean habits, punctuality, kindness, gratitude, patience, respect and character building.	6
II	FAMILY: Nuclear – cluster – significance - social functions - changing trend - role of women in family - obedient daughter - purposeful youth- dedicated wife - caring mother.	6
III	PUBERTY: Need of knowledge of menstruation- menstrual symptoms – handling – menstrual disorder - maintaining good personal hygiene - motherhood- Stages of pregnancy- post pregnancy care.	6
IV	MARRIAGE: Types of marriage - purpose of marriage- love and infatuation – need for marital preparation - pre and post marital counselling - conflicts in marital life - divorce single parenthood.	6
V	HARMONY WITH SPOUSE: Husband and wife relationship - fidelity towards spouse-relationship among the family members. Tenets of bride for healthy family – kindness, respect, patience, care, love.	6

Hours of Teaching: 5 hours and Hours of Activity : 25 hours

Textbook(s):
1. Value Education for health, Happiness and harmony, the world community service centre, Vethathri Publications 2. N. Venkataiah, Value Education, APH Publishing Corporation, New Delhi, 1998 3. Betty, Carten and Meg Goldric, The Changing family life style - A Framework for Family Therapy, 2 nd Edition, 2000. 4. Marie, Madearentas, Family Life Education, CREST-Centre for research education service training for family promotion, Bangalore, 1999.
Web References:
1. https://www.slideshare.net/humandakakayilongranger/values-education-35866000 2. https://www.ananda.org/blog/5-secrets-to-a-harmonious-marriage/ 3. https://www.nap.edu/read/2225/chapter/14

Activity:

- Assignment on Values (not less than 20 Pages)
- Multiple Choice Questions and Quiz
- Elocution - (Manners and good Habits for 3 to 5 minutes)
- Field Visit
- Debating - Current issues
- Essay writing : Proper use of e-gadgets, Ethics, Cyber ethics, Social media, etc.,
- Case Study / Album Making / Poster Presentation / Documentary- Celebrating National Days, Drug abuse & illicit trafficking, Independence Day, Secularism, Teachers Day, National Youth Awakening Day, Father's Day / Mother's Day and etc.,

EVALUATION COMPONENT: TOTAL: 100 MARKS**Component I :**

Documentary (or) Poster Presentation (or) Elocution - 25 marks

Component II:

Quiz (or) Multiple choice questions Test - 25 marks

Component III:

Album Making (or) Case Study on a topic (or) Field visit - 25 marks

Component IV:

Assignment (or) Essay Writing (or) Debating - 25 marks

Course Coordinator:

Dr. M. Purushothaman

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
II	23BAF2G6	General	3	3	25	75	100
Course Title Apparel Technology and Entrepreneurship							

SYLLABUS		
Unit	Contents	Hours
I	Organization of Garment Unit Organization of garment manufacturing unit. Spreading – definition, functions, types-hand and machine spreading. Marking– methods, efficiency, requirements. cutting technology - definition, function, equipments – straight knife, band knife, round knife, die cutters, notches, drills and thread marker, *computer controlled cutting machine*.	9
II	Sewing Machineries Sewing machineries-classification of sewing machines, parts of the machines, functions of single needle machine, over-lock machine, bar-tacking machine, buttonhole machine, button fixing machine, feed-of-arm machine, blind stitching machine, fabric examining machine. Care and maintenance, common problems and remedies.	9
III	Stitching Mechanisms& Special Attachments 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
IV	Entrepreneur Concept – Overview Definition of Entrepreneur – characteristic and function of an entrepreneur. Role of trade fairs and exhibition. Women entrepreneurship – Problems & Issues – *Development of women entrepreneur* - Rural entrepreneurship – Need – Development steps.	9
V	Agency Support To Ed And Branding Institutional finance to Entrepreneur - lease financing and hire purchase - institutional support to Entrepreneur – Need – NSIC – SIDO – SISI- SSICS – DIC - Taxation benefits to small scale industry. Creating brand – role, scope, defining. Brand equity- Building brand equity-managing-devising-consumer equity.	9
VI	Current Trends(For CIA only) – Current trends in Women entrepreneurship	

..... Self Study

Text Book(s):
1. Mary Mathews, “Practical Clothing Construction-Part I & II”, Cosmic Press, Chennai, 1974. 2. David J. Carr and Latham’s, “The Technology of Clothing Manufacture”, London, 4th Edition, 2008. 3. Venkateswara Rao, T., “Developing Entrepreneurship: A Handbook”, Learning Systems, India, 1978.
Reference Book(s):
1. Betsy Hose good, “The Complete book of Sewing”, Dorling Kindersley Limited, London, 1 st Edition, 2006. 2. Khanka S.S, “Entrepreneurial Development”, S. Chand & Company Ltd, New Delhi, 1 st Edition, 2001. 3. Saranavel. P, “Entrepreneurial Development”, Ess Pee Kay Publishing House, Chennai, 1 st Edition, 1997.
Web Resource(s):
1. https://textilelearner.net/methods-of-fabric-spreading-in-garment-industry/ 2. https://fashion2apparel.com/sewing-machine-parts-and-functions/ 3. https://www.juki.co.jp/en/products/industrial

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 Spreading, Marking and Cutting techniques.	K1
CO2	Understanding about sewing machines and stitching mechanisms.	K2
CO3	Applying the special attachments in sewing machines.	K3
CO4	Analysing new concepts of entrepreneurship.	K4
CO5	Evaluate the agency support to ED.	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	3	2	2	1	2	2	1	1	2.0
CO2	2	3	3	2	2	1	2	1	2	2	2.0
CO3	2	3	2	3	2	1	2	1	3	2	2.1
CO4	3	2	2	2	3	2	2	1	2	3	2.2
CO5	2	1	2	3	3	1	2	2	2	2	2.0
Mean Overall Score											2.06
Correlation											Medium

Mean Overall Score-Sum of Mean Score CO5/Total Number of CO5	
<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
II	23BAF2G7	General	3	3	25	75	100
Course Title		Fibre to Fabric					

SYLLABUS		
Unit	Contents	Hours
I	Fibers Fibers – Definition, Classification – Natural, Semi Synthetic, Synthetic. General Properties of Fibers – Primary and *Secondary Properties*.	9
II	Fiber Manufacturing Process Manufacturing Process, *Uses of Fibers* – Natural Fiber - Cotton, Silk, And Wool. Synthetic Fiber – Polyester. Semi Synthetic Fibers – Viscose.	9
III	Spinning Process Spinning - Definition, Types of Spinning – Mechanical Spinning –Ring and *Open End*, Chemical Spinning – Wet-Dry-Melt.	9
IV	Yarn Yarn- definition- classification- Simple, textured and *fancy yarns*. Twist and its types.	9
V	Fabrications Weaving – Definition, types – plain, twill, satin. Knitting -Definition, Classification – Warp and Weft – single jersey, rib, interlock Nonwoven-Definition – Types. *Uses of Nonwoven*.	9
VI	Current Trends (For CIA only) – Collection of fibres newly available in market	

..... 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	Understand the different types of yarns	K2
CO4	Apply different types of spinning for different fibres	K3
CO5	Analyze the fabrications of weaving, knitting and non wovens	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	1	3	2	1	1	2	1	1	2	1.5
CO2	2	2	2	1	1	2	2	1	1	2	1.6
CO3	2	1	1	2	1	2	2	1	1	1	1.4
CO4	2	2	2	2	2	1	2	1	1	1	1.6
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: C.Manochitra

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
II	23BAF2S8P	Skill	9	6	20	80	100
Course Title		Girl's Wear Design - Practical					

SYLLABUS		
Unit	Contents	Hours
I	1. Baby Bed/Laytee. 2. Infant wears- Bib, Panty and Jabla. 3. A-line Frock.	25
II	4. Summer Frock-with Suspenders at Shoulder Line, Without Sleeve. 5. Yoke frock- with Puff Sleeve, Pleated skirt, Circular skirt	25
III	6. Pinafore – fit waistline/pleated 7. Girl's shirt- with ruffles/ collar/ elbow sleeve. 8. Middy- pleated/belt attached/hook attached.	35
IV	9. Middy top (traditional) - puff sleeve/shrink at waistline/slit open. 10. Palazzo pant – Pleated/ Bottom Circular	25
V	11. Narrow pant – Gathered 12. Party wear – princess line / yoke attached.	25

Text Book(s):
1. K.R.Zarapkar, "Zarapkar system of cutting", Navneet publications (India)Ltd., fourth edition,2010 2.Jennifer Lynne Matthews, "Pattern design fundamentals", Fairbanks publishing LLC, 2018 3.Helen Joseph Armstrong, " Pattern making for fashion design" Pearson publication, Fifth edition, 2013
Reference Book(s):
1. Antonio Donnanno, "Fashion pattern making techniques vol. 1" Promopress; illustrated edition, 2014. 2. Antonio Donnanno, "Fashion pattern making techniques vol. 2" Promopress; illustrated edition, 2021. 3. Winifred Aldrich, "Fabrics and pattern cutting" Wiley India Pvt Ltd , 2013.
Web Resource(s):
1. https://www.youtube.com/watch?v=oQhxHBKQJjY 2. https://www.youtube.com/watch?v=aoufiImvxKY 3. https://www.youtube.com/watch?v=GW4zIzCVosg

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 various components as per the designs.	K1
CO2	Understand the various measurements in pattern making.	K2
CO3	Apply the various tools and equipments as per requirements.	K3
CO4	Analyze the pattern for required designs	K4
CO5	Evaluate the standard measurements to create the required garment.	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	2	3	3	3	3	1	3	3	3.0
CO2	3	3	2	3	2	3	2	1	2	3	2.4
CO3	1	3	2	3	2	2	3	1	2	3	2.2
CO4	3	3	2	3	2	3	3	1	3	3	2.6
CO5	3	3	2	3	2	3	3	1	3	3	2.6
Mean Overall Score											2.5
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
II	23BAF2S9P	SKILL	9	6	20	80	100
Course Title		Computer Aided Fashion Designing - Practical					

SYLLABUS		
Unit	Contents	Hours
I	Motifs a. Create an Embroidery Design for Blouse b. Create an Embroidery Design for Saree c. Create a design using elements of design for T-Shirt and Pyjama d. Create a design using principles of design for Home Furnishing.	25
II	Create the following Children's Garments a. Jabla b. Frock c. Sherwani d. Uniform	25
III	Create the following Women's Garments a. Maxi. b. Princess cut Top and Middi. c. House Coat d. d. Nighty	35
IV	Create the following Men's Garments a. SB Vest b. Shirt c. Kurtha d. Pant	25
V	Logo and Care Label a. Create a Logo for the Indian Apparel Branded Company and International Apparel Branded Company b. Create a Care Label for Dry Cleaning and Tumble drying.	25

Text Book(s):
1. Meenu Srivastava, "A Text Book of Computer Aided Apparel fashion Designing & Production Pattern Making", Himanshu Publications, India, 2011. 2. Jenny Davis, "A Complete Guide to Fashion Designing", Abhishek Publication, Chandigarh, 1 st Edition, 2009. 3. Dickerson Gitty.G, "Inside the Fashion Business", Pearson Education, India.2004
Reference Book(s):
Web Resource(s):
1. https://sscestudy.com/coreldraw-notes-pdf-free-download/ 2. https://learn.corel.com/wp-content/uploads/2022/03/CDGS2021-UserGuide.pdf 3. https://www.educba.com/coreldraw-tools/

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 tools	K1
CO2	Understand the tools with the designing methods	K2
CO3	Apply various styles in garments	K3
CO4	Analyze the logos for various Indian and International brand	K4
CO5	Evaluate Care labels based on 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	2	3	3	2	3	3	3	3	3	2.8
CO2	3	2	3	3	2	3	2	2	2	3	2.5
CO3	2	2	3	2	2	2	3	3	3	3	2.5
CO4	3	2	2	2	2	3	3	3	3	3	2.7
CO5	2	2	2	3	2	3	3	3	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: V.C.Archana

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
II	23BAF2I10	SKILL	-	6	-	100	100
Course Title		Internship					

SYLLABUS.		
Unit	Contents	Hours
	<ul style="list-style-type: none"> The student has to visit and prepare the report for Textile production unit/ Spinning unit/Weaving unit/Knitting unit/Retail store/Boutique (or) Prepare Portfolio presentation – Illustrate five designs for children’s apparel using CAD software Duration 180 Hours Submission of internship report and mark statement in the prescribed format during last week of IInd semester. Report will be evaluated by-guide under viva voice examination. 	180

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 knowledge about Working environment by giving real-time exposure in the Industry	K1
CO2	Understand the various opportunities in the designing field	K2
CO3	Apply their theoretical knowledge with the application domain of the apparel industry	K3
CO4	Analyse the different styles of garment illustrating using CAD software	K4
CO5	Evaluate the knowledge about computer aided designing	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	3	3	3	3	3	1	3	3	2.8
CO2	3	3	1	3	1	3	3	1	3	3	2.4
CO3	3	3	1	3	3	3	3	1	3	3	2.5
CO4	3	3	1	3	3	3	3	1	3	3	2.5
CO5	3	3	1	3	1	3	3	1	3	3	2.4
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: T. Nisaanthi

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
II	23BCN2SS	Soft Skills Development	2	2	-	100	100
Course Title		Soft Skills Development					

SYLLABUS		
Unit	Contents	Hours
I	Communication Skills: Verbal and Non - Verbal communication - The active vocabulary - Conversational Etiquette - KOPPACT syndrome	6
II	Emotional Skills: Emotional Intelligence - The five steps to Emotional Quotient - Self Awareness and Regulation - Empathy - Social Intelligence - stress management - coping with failures	6
III	Functional Skills: Using the tools of communicatory and emotional skills - Resume writing - Preparation of Curriculum Vitae - interview skills - Acing the interview - Group dynamics - Mock interviews and Group discussions	6
IV	Interpersonal Skills: Synergising relationships - SWOT analysis - SOAR analysis - The social skills - Time Management - Decision making - problem solving - prioritising and Implementation	6
V	Personality Skills: Leadership skills - Attributes and Attitudes - Social leader Vs The Boss - critical and creative thinking	6

Hours of Teaching : 5 hours and Hours of Activity: 25 hours

Textbook(s):
1. Social intelligence: The new science of human relationships - Daniel Goleman; 2006. 2. Body Language in the workplace - Allan and Barbara Pease; 2011. 3. Student's Hand Book: Skill Genie - Higher education department, Government of Andhra Pradesh.
<u>Web References:</u>
1. https://nptel.ac.in/courses/109105110

EVALUATION CRITERIA

Work Book (Each unit carries 10 marks)	-	50 Marks
Examination	-	50 Marks

1. Teacher who handles the subject will award 50 marks for work book based on the performance of the student.
2. On the day of examination the examiners (Internal & External) will jointly award the marks for the following categories:

- Self-Introduction - 20 Marks
- Resume - 10 Marks
- Mock Interview - 20 Marks

To assess the self-introduction, Examiners are advised to watch the video presentation submitted by the students. If they failed to submit the video presentation, the Examiners may direct the student to introduce himself orally and a maximum 10 marks only will be awarded.

Mock Interview Marks Distribution

(20-Marks)

Attitude (self interest, confidence etc.) (4 Marks)	Physical appearance including dress code (4 Marks)	Communication Skills (6 Marks)	Answering questions asked from the resume and work book (6 Marks)
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Course Coordinator:

Dr. M. Syed Ali Padusha

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23BAF3G11	General	4	4	25	75	100
Course Title		Fabric Manufacturing Technology					

SYLLABUS		
Unit	Contents	Hours
I	Weaving Weaving- Introduction, Classification. Loom - Introduction, *Classification of looms*, Basic loom mechanisms, Parts and functions of a loom.	12
II	Preparation of Weaving Warping- Definition, *Types of warping*. Sizing-Introduction, sizing ingredients and their Functions.	12
III	Woven Woven – Introduction, Classification. Woven Fabrics - Structural Properties, Mechanical Properties, Chemical Properties - correlated to fiber properties, Appearance. *End uses of woven*.	12
IV	Non-Woven Nonwoven – Definition, Web Production- Dry laid fiber webs, Cross-laid webs, wet laid fiber webs, and Spun laid, spun lace webs, Melt blown fiber webs. Techniques for Preparing Nonwovens –Fusing, Bonding, Lamination. *End uses of Nonwoven*.	12
V	Other Methods of Fabrication Felting, Net like structure. Fabric from Yarns-Braids, Lace, *Handmade Lace- Needle point lace*, Bobbin lace, crocheted lace, Battenberg lace. Machine made lace-Leavers lace, Raschel lace.	12
VI	Current Trends * (For CIA only) – New Manufacturing Technology in Non-Wovens	

..... Self Study

Text Book(s):
1. 'Fabric Manufacturing Technology'-Study Material prepared by the Department. 2. Neelima, "Wearing knitting crocheting and knotting", Sonali Publications, 1 st Edition, 2009. 3. Sadhan Chandra Roy, "Fundamentals and Advances in knitting Technology", Wood Head Publishing India pvt ltd, 1 st Edition, 2015.
Reference Book(s):
1. Mahadevan, "Textiles Spinning, Weaving and Designing", Abhishek Publications Chandigarh, 1 st Edition, 2005. 2. Murphy, "Textile Weaving and Design", Abhishek Publications Chandigarh, 1 st Indian Edition, 2007. 3. Sara Kadolph, "Textiles", Dorling Kindersley India pvt.Ltd, India, 10 th Edition, 2008.
Web Resource(s):
1. https://www.slideshare.net/sheshir/fabric-manufacturing-technology1 2. https://download.bibis.ir/Books/other/2022/Fabric-Manufacturing-Technology-Weaving-and-Knitting-by-K.Thangamani_bibis.ir.pdf 3. https://www.textileblog.com/textile-manufacturing-processes/

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 methods of fabric formation of weaving, Knitting and Nonwoven	K1
CO2	Understand the knitting terms and machine functions	K2
CO3	Understand the weaving and loom's parts and functions	K2
CO4	Analyze the types of weaves and knitting	K4
CO5	Evaluate the uses of non-woven	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	2	3	2	3	1	1	2	2	2.1
CO2	3	2	2	3	2	2	1	1	2	2	2.0
CO3	2	2	2	3	2	3	3	1	2	2	2.2
CO4	2	2	2	3	2	3	1	1	2	2	2.1
CO5	2	2	2	3	2	3	1	1	2	2	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: N. Poomani

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23BAF3G12	General	3	3	25	75	100
Course Title Fabric Structure and Design							

SYLLABUS		
Unit	Contents	Hours
I	Woven Design Fundamentals Introduction, Classification of woven structures, Methods of weave representation, *Weave repeat*, basic elements of a woven design, Types of draft plans. Weaves – Plain, Rib, Twill, Satin and Sateen. Uses of plain weaves.	9
II	Heavy Fabrics Honey Comb – Features of honeycomb, Types- Ordinary, *Brighten*. Quality particulars of honeycomb weave. Weaves – Huck a Back and its features. Crepe and its features. Mock Leno and its features. Uses of the above weaves.	9
III	Figured Fabrics Extra warp and extra weft figuring – single and two colours, Difference between extra warp and extra weft figuring . *Uses of the above weaves*.	9
IV	Pile Fabrics Pile Fabric- Classification of Pile Fabric-Weft pile fabrics and Warp pile fabric. Types of weft Pile fabrics –Plain velveteens, *Weft plushes*, Corded Velveteens, Figured velveteens. Warp Pile Fabric –Methods of producing warp pile Fabrics- Various types of Terry pile designs. Uses of the above weaves.	9
V	Double Cloth Double Cloth- Classification of Double Cloths, Self-Thread Stitching – Stitching from Face to back, Back to Face and Combination. *Uses of the above weaves*.	9
VI	Current Trends (For CIA only) – New Trends in Weave Design	

*.....*self-study

Text Book(s):
1. Anita Tyagi, “Modern Weaving Technology”, Sonali Publications, 1 st Edition 2012. 2. Grosicki, “Watsons Textile Design and Colour: Elementary weaves and Figured Fabrics”, Wood head publishing Limited, Cambridge England, 7 th Edition, 1975. 3. Grosicki, “Watsons Advanced Textile Design: Compound Woven Structure”, Wood head publishing Limited, Cambridge England, 4 th Edition, 1977.
Reference Book(s):
1. Mahadevan “Textiles Spinning, Weaving and Designing”, Abhishek Publications Chandigarh, 1 st Edition, 2005. 2. Murphy “Textile Weaving and Design”, Abhishek Publications, Chandigarh, 1 st Indian Edition, 2007. 3. NIIR Board of Consultants & Engineers, “The complete Technology book on Textile spinning, Weaving, Finishing and Printing” Asia pacific business press, 2nd Revised Edition, 2017
Web Resource(s):
1. https://textilelearner.net/woven-fabric-structure-and-analysis/ 2. https://www.textilecoach.net/post/fabric-structure-and-design 3. https://www.slideshare.net/MuktarSeidHussen/fabric-structure-and-design

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Understand about the heavy fabrics.	K2
CO2	Apply the various types of weaves.	K3
CO3	Analyze the feature of different weaves.	K4
CO4	Analyze the designs, draft and peg plan for the weave types.	K4
CO5	Evaluate the types of weave.	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	2	2	2	3	2	2	1	2	2.2
CO2	2	2	2	2	2	2	2	3	1	2	2.0
CO3	2	2	2	2	2	2	2	2	1	2	1.9
CO4	2	2	2	2	2	2	2	2	1	2	1.9
CO5	2	2	2	2	2	2	2	2	1	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: N. Poomani

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23BAF3G13	General	3	3	25	75	100
Course Title		Traditional Costumes of India					

SYLLABUS		
Unit	Contents	Hours
I	Introduction to Indian Costumes Indian costume – introduction, Indian costumes from the earliest times to the beginning of the historical period-indus valley civilization costumes, indo aryan and vedicages, mauryan and sunga period,*satavahana period, kushan period*, mughal period.	9
II	Traditional Costumes of India Introduction to traditional Indian costumes - Costumes of Punjab, Himachal Pradesh, Uttar Pradesh, Rajasthan, *Jammu and Kashmir*, Madhya Pradesh, and Gujarat.	9
III	Embroideries of India Kasida of Kashmir, Kantha of Bengal, *Chambarumm of Himachal Pradesh*, Chickenkari of Uttar Pradesh, Pulkhari of Punjab, Kasuti of Karnataka, Kutch of Gujarat	9
IV	Traditional Woven Textiles Introduction to woven textiles of India – Jammu and Kashmir- Jamiavaraokamkar, Do-rukha, Himachal Pradesh – Kullushawls, Tamilnadu – Kanjiwaram, Gujarat and orisa – Patola and itkat, Maharashtra – Pithani, Amru and himru, *Uttar Pradesh – Brocade*.	9
V	Traditional Printed and Dyed Textiles Printed textiles – Kalamkari, Block printing, Roghan printing painted textiles - Mata-mi-Pachedi, Pabuji-ka-Pad. Dyed textiles – *Ikat, Patola, *Bandhani, Laharia, Mashru.	9
VI	Current Trends (For CIA only) – Ancient Indian Jewellery	

..... 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, 2007. 3.Traditional Costumes of India – Study Material prepared by the Department
Reference Book(s):
1. GovindSadashivGhurye, “Indian Costume”, Popular Prakashan Publication, 1 st Edition, 1966. 2.ZamilaBrijBhushan, “Indian Embroidery”, Ministry of Information and Broadcasting Publications Division, Government of India, 1 st Edition, 1990. 3.ArabindaBiswas, “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 knowledge about ancient costumes and jewels	K1
CO2	Understand the different state wise costumes	K2
CO3	Apply a specific embroidery style of India on the basis of colors, motifs, layouts.	K3
CO4	Analyze the traditional designs for woven textiles	K4
CO5	Evaluate the types of printed, painted and dyed textiles.	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	1	1	1	2	2	2	2	2	1.5
CO2	1	1	2	1	2	2	2	2	2	2	1.7
CO3	1	1	2	1	2	2	2	2	2	2	1.7
CO4	1	1	2	1	2	2	2	2	2	2	1.7
CO5	1	1	2	1	2	2	2	2	2	2	1.7
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: A.G. Meera

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23BAF3S14P	Skill	6	4	20	80	100
Course Title		Boy’s Wear Design - Practical					
SYLLABUS							
Unit	Contents						Hours
I	1.Baba suit / romper 2. Boys Shirt-Open Collar/ Pocket / Without Yoke.						16
II	3.Knickers - with elastic at waist 4.Dhoti pant- pleats, elastic/ waist belt						16
III	5.Churidhar Patiala- fullness at top/ tightly fitted lower leg, casting at waist 6.Night wear- open/round neckline /pocket, full/half pant						16
IV	7.Sherwani- flared at hip/pocket/placket 8.Kurta - pocket/stand collar/placket						16
V	9.Shorts- waist belt/ side pocket/ pleats, broad bottom						16

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 cookin, "Pattern grading for Men's cloth", Wiley India Pvt Ltd,1 st Edition,
Reference Book(s):
1. Detsy Hosegood , “The Complete Book of Sewing”, Dorling Kindersley Limited, London, 2 nd Edition 2006. 2. Dorothy wood, “The Practical Encyclopedia of Sewing”, Anness publishing ,2007. 3. Swathi Bhargava, “Clothing and Textiles”, Niwas publications ,Jaipur , 1 st Edition 2010.
Web Resource(s):
1. https://sewguide.com/pattern-making-books/ 2. https://books.google.com/books/about/Metric_Pattern_Cutting_for_Menswear.html?id=fmDQPYcSyGoC 3. https://www.threadsmagazine.com/project-guides/learn-to-sew/tips-to-lay-out-a-pattern-and-cut-fabric-accurately

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 designs and styles for boys wear	K1
CO2	Understand the basic pattern and modify patterns	K2
CO3	Understand the suitable fabrics, colors and designs for patterns	K2
CO4	Analyze the garment pattern and drafting procedure	K4
CO5	Evaluate the cost calculation of the garment	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	2	3	3	2	1	1	2.2
CO2	3	2	3	2	2	3	3	2	1	1	2.2
CO3	3	2	3	2	2	3	3	2	1	1	2.2
CO4	3	3	3	2	2	3	3	2	1	1	2.2
CO5	3	2	3	1	2	3	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: E. Mathavi

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23BAF3S15P	Skill	6	4	20	80	100
Course Title		Fabric Structure and Design - Practical					

SYLLABUS		
Unit	Contents	Hours
I	Basic Weaves 1. Plain Weave 2. Twill Weave	18
II	Basic Weaves 3. Satin 4. Sateen	18
III	Novelty Weaves 5. Honey Comb Weave 6. Huck a Back Weave	18
IV	Novelty Weaves 7. Jacquard Weave 8. Dobby Weave	18
V	Figured Weaves 9. Extra Warp Figuring 10. Extra Weft Figuring	18

Text Book(s):
1. Anita Tyagi, “Modern Weaving Technology”, Sonali Publications, 1 st Edition 2012. 2. Grosicki, “Watsons Textile Design and Colour: Elementary weaves and Figured Fabrics”, Wood head publishing Limited, Cambridge England, 7 th Edition, 1975. 3. Grosicki, “Watsons Advanced Textile Design: Compound Woven Structure”, Wood head publishing Limited, Cambridge England, 4 th Edition, 1977.
Reference Book(s):
1. Mahadevan “Textiles Spinning, Weaving and Designing”, Abhishek Publications Chandigarh, 1 st Edition 2005. 2. Murphy, “Textile Weaving and Design”, Abhishek Publications, Chandigarh, 1 st Indian Edition 2007. 3. NIIR Board of Consultants & Engineers, “The complete Technology book on Textile spinning, Weaving, Finishing and Printing”, Asia Pacific Business Press Inc., 2nd Revised Edition, 2017
Web Resource(s):
1. https://blog.mygov.in/know-your-handloom-weaves-of-woven-fabrics/ 2. https://blog.treasure.com/what-is-dobby/ 3. https://textilelearner.net/extra-warp-design-features-and-uses/

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 concept of making basic and fancy weaves	K1
CO2	Understand the different fabric structure in textile industry	K2
CO3	Apply the different types of weaves	K3
CO4	Analyze the purpose of basic and fancy weaves	K4
CO5	Evaluate peg plan and point paper for the basic, fancy weaves	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	2	3	2	2	2	2	2.1
CO2	3	2	1	2	2	2	2	2	2	1	1.9
CO3	2	2	1	2	2	2	2	2	2	1	1.8
CO4	2	2	2	2	2	2	2	2	2	1	1.9
CO5	2	2	2	2	2	2	2	2	2	1	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: N. Poomani

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23BAF3S16P	SKILL	6	4	20	80	100
Course Title		Hand Embroidery - Practical					

SYLLABUS		
Unit	Contents	Hours
I	Basic Hand Stitches	18
	1. Running stitch	
	2. Back stitch	
	3. Chain stitch	
	4. Stem stitch	
II	Basic Embroidery Stitches	18
	5. Lazy daisy stitch	
	6. Blanket or buttonhole stitch	
	7. Satin stitch and its variations	
	8. Romanian	
	9. Long and short	
	10. Fish bone	
	11. Bullion knot	
	12. Feather	
	13. Herring bone	
III	Other Embellishment Work	18
	14. Bead work	
	15. Ribbon embroidery	
	16. Patch work	
	17. Flower making	
	18. Tassels and fringes	
IV	Traditional Embroidery Stitches	18
	19. Chikankari of Uttar Pradesh	
	20. Phulkari of Punjab	
	21. Kutch of Gujarat	
	22. Kasuti of Karnataka	
	23. Kantha of Bengal	
	24. Shisha or mirror work of Rajasthan	
V	Project Work Prepare any sample using mixture of these stitches. Saree/ Salwar/ Shawl or blouse	18

Text Book(s):

1. Amrit Bajaj, "Ribbon Embroidery", Sonali Publication, 2nd edition, 2001
2. Mary Gostelour, "Coat book of Embroidery", David and Charles, 1st edition, 2009
3. Anjali Karolia, "Traditional Indian Hand crafted Textiles", Niyogi Books, pvt.Ltd, 1st edition 2019

Reference Book(s):

1. Atelier fil -Hiroko Sel and ShizueYasui, "The essential book of embroidery", Tuva Publishing ,UK,2021
2. Anjali Karolia, "Traditional Indian Handcrafted Textiles", Niyogi Books pvt.Ltd,2019
3. Trish Burr, "The key book of Embroidered Flowers", Search press, 1st edition, 2020

Web Resource(s):		
1. https://thequiltshow.com/quiltipedia/what-is-hand-embroidery 2. https://cutesycrafts.com/how-to-embroider-for-beginners 3. https://cutesycrafts.com/category/embroidery/hand-embroidery-designs		
Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Apply capable of embroidery design by different stitches.	K3
CO2	Analyze creative designs in embroidery and prepare dresses by using these embroidery stitches.	K4
CO3	Analyze new opportunities in craft, textile art and fashion and design markets.	K4
CO4	Evaluate various color schemes and their application in dress making.	K5
CO5	Evaluate the techniques of create the different stitch with hand stitch	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	3	2	3	3	3	3	3	2.8
CO2	3	2	3	3	2	3	2	2	2	3	2.5
CO3	2	2	3	2	2	2	3	3	3	3	2.5
CO4	3	2	2	2	2	3	3	3	3	3	2.7
CO5	2	2	2	3	2	3	3	3	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: T.Nisaanth

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23BAF3I17	SKILL	-	6	-	100	100
Course Title		Internship					

SYLLABUS		
Unit	Contents	Hours
	<ul style="list-style-type: none"> The student has to visit and prepare the report for fabric manufacturing industry/ spinning unit/weaving/knitting/ embroidery unit/Retail store/Boutique (or) Prepare Portfolio presentation – Design and Construct the children’s apparel Duration 180 Hours Submission of internship report and mark statement in the prescribed format during last week of IIIrd semester. Report will be evaluated by-guide under viva voice examination. 	180

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Explain the knowledge about working environment by giving real-time exposure in the Industry	K2
CO2	Demonstrate the various opportunities in the designing field	K3
CO3	Apply their theoretical knowledge with the application domain of the apparel industry	K3
CO4	Analyse the different styles of garment construction for children	K4
CO5	Design and Develop skills about Work ethics, garment construction etc.,	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	3	3	3	3	3	2	3	3	2.9
CO2	3	3	2	3	2	3	3	2	3	3	2.7
CO3	3	3	2	3	3	3	3	2	3	3	2.8
CO4	3	3	2	3	3	3	3	2	3	3	2.8
CO5	3	3	2	3	2	3	3	2	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: A.G. Meera

Semester	Course Code	Course Category	Hours / Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
III	23BCN3AE2	AECC - II	2	2	-	100	100
Course Title		Environmental Studies					

Unit	Contents	Hours
I	The multidisciplinary nature of environmental studies Definition, scope, importance, awareness and its consequences on the planet.	6
II	Ecosystems: Definition, structure and function of ecosystem; Energy flow in an ecosystem: food chain, food web and ecological succession. Case studies of the following ecosystems: a) Forest ecosystem b) Grassland ecosystem c) Desert ecosystem d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)	6
III	Natural Resources: Renewable and Non-renewable Resources: Land Resources and land use change; Land degradation, soil erosion and desertification. Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state). Heating of earth and circulation of air; air mass formation and precipitation. Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies. renewable energy resources significance of wind, solar, hydal, tidal, waves, ocean thermal energy and geothermal energy.	6
IV	Biodiversity and Conservation: Levels of biological diversity: genetic, species and ecosystem diversity; Biogeography zones of India; Biodiversity patterns biodiversity hot spots. mega-biodiversity nation; Endangered and endemic species of India. Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: <i>In situ</i> and <i>Ex situ</i> conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.	6
V	Environmental Pollution & Conservation: Environmental pollution: types, causes, effects and controls; Air, water, soil, chemical and noise pollution Waste to wealth - Energy from waste, value added products from waste, fly ash utilization and disposal of garbage, solid waste management in urban and rural areas, Swachh Bharat Abhiyan, recent advances in solid waste management, modern techniques in rain water harvesting and utilization.	6

Text books:
1. Asthana DK and Meera A, Environmental studies, 2 nd Edition, Chand and Company Pvt Ltd, New Delhi, India, 2012.
2. Arumugam N and Kumaresan V, Environmental studies, 4 th Edition, Saras Publication, Nagercoil, Tamil Nadu, India, 2014.
Activity – I:
1. Assignments – Titles on Environmental awareness to be identified by teachers from the following (scripts not less than 20 pages)
2. Elocution – (Speech on “Environment beauty is the fundamental duty” of citizen of the country for 3 to 5 minutes)
3. Environment issues – TV, Newspaper, Radio and Medias messages – Discussion ∞ Case Studies/Field Visit/Highlighting Day today environmental issues seen or heard
4. Debating/Report Submission – Regarding environment issues in the study period Activity II
5. Environmental awareness through charts, displays, models and video documentation.

Celebrating Nationally Important Environmental DaysNational Science Day – 28th FebruaryWorld wild life Day – 3rd MarchInternational forest Day – 21st MarchWorld Water Day – 22nd MarchWorld Meteorological Day – 23rd MarchWorld Health Day – 7th AprilWorld Heritage Day – 18th AprilEarth / Planet Day – 22nd AprilPlants Day – 26th MayEnvironment Day – 5th June Activity III Discipline specific activities**EVALUATION COMPONENT:**

Component I: (25 Marks) Document (or) Poster presentation or Elocution

Component II: (25 Marks) Album making (or) case study on a topic (or) field visit

Component III: (25 Marks) Essay writing (or) Assignment submission

Component IV: (25 Marks) Quiz (or) multiple choice question test

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

CO No.	CO Statement	Cognitive Level (K-level)
CO1	To understand the multi-disciplinary nature of environmental studies and its importance	K1
CO2	To obtain knowledge on different types of ecosystem	K2
CO3	To acquire knowledge on Renewable and non-renewable resources, energy conservation	K3
CO4	To understand biodiversity conservation	K4
CO5	To analysis impact of pollution and conversion waste to products	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	02	02	02	02	02	03	03	03	03	03	2.5
CO2	02	03	03	02	03	03	03	03	03	03	2.8
CO3	02	03	03	03	03	03	03	03	03	03	2.9
CO4	02	02	03	03	03	03	03	03	03	03	2.8
CO5	02	03	03	03	03	03	03	02	03	03	2.8
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: Dr. B. Balaguru

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23BAF4G18	General	4	4	25	75	100
Course Title		Textile Wet processing					

SYLLABUS		
Unit	Contents	Hours
I	Introduction to Wet Processing Preparatory processes: singeing, desizing, scouring, bleaching and mercerization, *Degumming- Silk*, Carbonization- Wool.	12
II	Dyeing Definition – dyeing and dyes, classification of dyes-Natural Dyes, Synthetic Dyes, mordants and its types. Types of dyeing-Application of direct, basic, acid, reactive and disperse dyes. Methods of Dyeing - Yarn dyeing, Fabric dyeing . *Advantages & Disadvantages of dyes*.	12
III	Printing Printing- definition, Types of printing- direct, discharge, resist, flock, warp, khaki prints. Methods of printing methods - block printing, roller printing, *screen printing, rotary printing*, transfer and digital printing. Comparison between dyeing and printing.	12
IV	Finishing Finishing - Definition, Importance of finishing, difference between finished goods and unfinished good, classifications. Special finishes - water repellent, antimicrobial, flame retardant, Stone Wash- Denim. *Calendaring, sanforising, anticrease*, flocking, napping and tufting.	12
V	Eco friendly processing Problems faced by textile wet processing. Enzymes – meaning, enzymes used in textile industry. Enzymatic desizing, *enzymatic scouring, enzymatic bleaching*, bio polishing, degumming.	12
VI	Current Trends *(For CIA only) – Digital Printing	

..... Self Study

Text Book(s):
1. KanwarVarinder Pal Singh, “Elementary Idea of Textile Dyeing,Printing and Finishing”, kalyani publishers,1 st edition ,India,2004. 2. Howard L.Needles,“TextileFibers,Dyes,Finishes And Process”, Noyes Publications,1 st edition, India, 2011. 3.A.Arora, “ Text Book of Dyes”, Sonali Publication, Delhi,1 st edition 2009.
Reference Book(s):
1. Palsingh.K.V, “Elementary Idea of Textile dyeing, printing and finishing”, Kalyani Publishers, 2009. 2.Kadolph .S.J, “Textiles”, Dorling Kindersley (India) Pvt. Ltd, 10 th edition,2006. 3.Corbman.B.P, “ Textile fiber to fabric”, International students, Mc Grow Hill co, Singapore, 3 rd edition, 1985.
Web Resource(s):
1. https://www.academia.edu/7492234/Complete_Textile_Wet_Processing 2. https://www.researchgate.net/publication/300586899_Sustainable_Textile_Wet_Processing_Applications_of_Enzymes 3. https://www.scribd.com/document/434570498/Textile-Wet-Processing-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 basic processing for fabrics	K1
CO2	Understand the dyes and its types	K2
CO3	Understand the types of printing method	K2
CO4	Analyze the finishing techniques and special finishers	K4
CO5	Evaluate the recent techniques and processing	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	2	2	2	1	1	1	1	2	1.7
CO2	3	2	2	2	2	1	1	1	1	2	1.7
CO3	3	2	2	2	2	1	1	1	1	2	1.7
CO4	3	2	2	2	2	1	1	1	1	2	1.7
CO5	3	2	2	2	2	1	1	1	1	2	1.7
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: E. Mathavi

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23BAF4G19	General	4	4	25	75	100
Course Title		Knitting					

SYLLABUS		
Unit	Contents	Hours
I	Introduction Knitting–Définition, Classification. History of Knitting, Comparison between-knitting and weaving– knitted and woven fabrics. *Characteristics of Knitted Goods *	12
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, Representation of Knits.	12
III	Machine Description Machine description – frame – drive – needles – * loop forming sequence of latch, spring bearded, compound needles* – sinkers -sinker operation- cylinder – dial – cams-creels–feeders-fabrics spreader–take down and winding mechanism. Needle Loop Formation, Sinker loop formation.	12
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. Production of Knit Structures.	12
V	Warp Knitting *Classification*– Passage of yarn through warp knitting machine. Basic structure and properties warp knit structures – tricot, raschel, simplex fabrics. Warp knits uses ,advantages and Application in various fields.	12
VI	Current Trends (For CIA only) – Producing Seamless Garments.	

*.....*Self Study

Text Book(s):
1. Spencer.D.J,“Knitting Technology”,Woodhead publications,1 st Edition, 2001. 2. Meisenbach Bamberg, “Flat Knitting”,Department Copy. 3. Anbumani, “Knitting Fundamentals, Machines, Structures and Developments”,New age International (P) ltd,New Delhi.
Reference Book(s):
1. Vikki Haffenden, Frederica Patmore,“The Knitting Book Yarns, Techniques, Stitches, Patterns”,Dorling Kindersey Limited, 1 st Edition,2011. 2. Terry Brackenbury,“Knitted Clothing Technology”, Blackwell Science Publications,1992. 3. Cegiela L,“The Knitting Industry: Present needs, Future Requirements”,The Textile Institute, Vol 19,1988.
Web Resource(s):
1. https://textilestudycenter.com/knitting-terms-and-definition/ 2. https://textilelearner.net/list-of-knitting-machines-in-lab/ 3. https://garmentsmerchandising.com/warp-weft-knitting-textile-difference/

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 Elements of knitting.	K1
CO2	Understandthe concepts of Knitting.	K2
CO3	Apply thedifferent types of Knit Structures.	K3
CO4	Analyze the Knit Structures	K4
CO5	Evaluate knowledge about knitting types.	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	3	2	2	1	1	1	1.8
CO2	2	1	3	2	2	2	2	1	1	2	1.8
CO3	2	2	2	1	2	2	3	2	2	1	1.9
CO4	2	2	2	1	2	3	2	1	2	2	1.9
CO5	3	1	2	2	2	2	2	1	3	1	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: B. Jabeen

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23BAF4G20	General	4	4	25	75	100
Course Title		Apparel Merchandising and Marketing					

SYLLABUS		
Unit	Contents	Hours
I	Marketing Marketing concepts -definition, apparel and fashion. *Marketing - planning, apparel market*, environment - micro and macro marketing, environment trends. Apparel market and segments	12
II	Merchandising Merchandising - Definition, Types of merchandising. Merchandising as Business Function - Role of Merchandiser, Evolution, Merchandising Organization, Buying Preparation, *Brand building-Introduction, strategies, image building, brand expansion, global trends*, National Brands vs Private Labels	12
III	Consumer Behaviour in Apparel and Fashion Market Consumer behavior in apparel and fashion market-fashion buyer-decision making-*Psychological and sociological aspects*- Product planning and development of new product. Apparel and fashion market practices and procedures	12
IV	Merchandising presentation and customer relationship Merchandising Presentation - Principles of Merchandising Presentation, Placement of Merchandise, Categories of Merchandise Presentation, Dominance Factors in Merchandising Presentation, Cross Merchandising.*Retail merchandiser - trend analysis, forecast analysis*. Customer relationship – Introduction, measuring customer relationship.	12
V	Export marketing and documentation *Export Marketing of Apparel*, Prospects for Indian in Overseas Market, Globalization	12
VI	Current Trends * (For CIA only) – Trends in apparel fashion marketing	

*.....*Self Study Portion

Text Book(s):
1. Manmeet sodhia , “Fashion Marketing and Merchandising”,Kalyani Publication,1 st edition, New Delhi ,2003. 2. Doris H.kincade Fay Y.Gibson, “Merchandising of Fashion Products”,Pearson education,1 st edition, New Delhi, 2010. 3. Seama kapour, “Apparel ManufacturingTtechnology”,Sonali Publication,New Delhi,1 st edition 2016.
Reference Book(s):
1. laura L Bliss, “Study guide Visual Merchandising and Display” , Fairchild Publications,3 rd edition,1995. 2. Chuter.A.J, “Introduction to Clothing and Production Management”, Om books services,New Delhi, 1 st edition ,1995 3. Varma and Aggarwal, “Advertising Management”, Kings bood,educational Publishers,Delhi, 1 st edition,1997.
Web Resource(s):

1. <https://www.encyclopedia.com/fashion/encyclopedias-almanacs-transcripts-and-maps/fashion-marketing-and-merchandising>
2. [https://learn.org/articles/What is Fashion Marketing and Merchandising.html](https://learn.org/articles/What_is_Fashion_Marketing_and_Merchandising.html)
3. https://www.brainkart.com/article/Apparel-Merchandising_37527/

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 fashion consumer and market trends	K1
CO2	Understand the merchandise and its standards	K2
CO3	Apply the produce fashion products relevant to set assignments.	K3
CO4	Analyze the design development of merchandise	K4
CO5	Evaluate trends in the fashion industry	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	2	1	1	3	1	2	1	3	1.9
CO2	3	2	2	1	1	3	1	2	1	3	1.9
CO3	3	2	2	1	1	3	1	1	1	3	1.8
CO4	3	2	2	1	1	3	2	1	1	3	1.9
CO5	3	2	2	1	1	3	1	2	1	3	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: E. Mathavi

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23BAF4S21P	Skill	6	4	20	80	100
Course Title		Women's Wear Design – Practical					

SYLLABUS		
Unit	Contents	Hours
I	1. Middy – Variation in panel/ pleated skirt/circular. 2. Middy Top – with or without collar, sleeve variations.	18
II	3. Full gown- Fashioned neck and attaching trimmings. 4. Kameez –Straight.	18
III	5. Salwar –Plain /Gathering at bottom/ pleated 6. Panelled top	18
IV	7. Anarkali –panelled/ Pleated 8. Night dress- With / without yoke, Sleeve variation.	18
V	9. Ladies pant- patch packet, Zip attached. 10. Ladies shirt-Half open collar, half or full sleeve	18

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.Brunella Giannangeli, “Couture Unfolded: Innovative Pleats faide and Draping in Fashion Design”, Promo press Publishers, Reprint,2018.
Reference Book(s):
1. Detsy, Hosegood, “The Complete Book of Sewing”, Dorling Kindersley Limited, London, 2 nd Edition 2006. 2. Dorothy wood, “The Practical Encyclopedia of Sewing”, Anness publishing ,1 st Edition2007. 3. Swathi Bhargava, “Clothing and Textiles”, Niwas publications ,Jaipur , 1 st Edition 2010.
Web Resource(s):
1. https://textilelearner.net/fashion-trims-and-accessories/ 2. https://www.utsavfashion.com/blog/fabrics/salwar-suits- 3. https://www.slideshare.net/mymphilnotes/types-of-sleeves-241998111

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Illustrate different designs and styles for Women's wear.	K2
CO2	Summarize the cost calculation for the garment.	K2
CO3	Construct and rephrase basic into modify patterns.	K3
CO4	Construct the garment as per the pattern and drafting procedure.	K3
CO5	Examine suitable fabrics, colors and designs for patterns.	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	3	1	1	1	2.0
CO2	3	3	3	1	1	1	2	1	2	1	1.8
CO3	3	3	2	1	1	3	2	1	2	1	1.9
CO4	1	1	1	1	1	1	2	1	2	1	1.2
CO5	3	3	2	1	1	3	2	1	2	1	1.9
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: N. Poomani

Semester	Course Code	Course Category	Hours/Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23BAF4S22P	Skill	6	4	20	80	100
Course Title Textile Wet Processing - Practical							

SYLLABUS		
Unit	Contents	Hours
I	1. Desizing 2. Scouring 3. Bleaching- Cotton	18
II	4. Mercerization- cotton 5. Degumming- silk 6. Direct Dye- cotton	18
III	7. Acid Dye- wool 8. Basic Dye- silk 9. Disperse Dye- polyester	18
IV	10.Reactive Dye- cotton 11.Block printing 12.Stencil printing	18
V	13.Screen printing 14.Tie and Dye printing 15.Batik printing	18

Text Book(s):
1. A. Arora, “Text Book of Dyes”, Sonali Publication, Delhi, 1 st Edition 2009. 2. Harbhajan Singh & Avinash Bharathi, “Hand Book of Natural Dyes and Pigments”, Wood Head Publication, India, 1 st Edition, 2014. 3. Franklin Bech, “Dyeing of Cotton Fabrics”, Abhishek Publication, 1 st Edition, 2010.
Reference Book(s):
1. Tammann. Sonwalkar, “Hand Book of Silk”, New age International (p) Limited, New Delhi, 1993. 2. Mazharul Islam Kiron, “Different Types of Printing Techniques on Fabric”, July 23, 2011. 3. J.E. Smith, “Textile Processing- Printing, Dyeing”, Abhishek Publishing, 1 st Edition, 2003.
Web Resource(s):
1. https://www.academia.edu/7492234/Complete_Textile_Wet_Processing 2. https://dgt.gov.in/sites/default/files/CTS_Textile_Wet_Processing_CTS_2017.pdf 3. https://www.scribd.com/doc/21332480/Textile-Wet-Processing

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 preparatory processing for fabrics	K1
CO2	Understand the dyes and fabrics	K2
CO3	Apply the types of printing methods	K3
CO4	Analyze the dyeing method by printing techniques	K4
CO5	Evaluate the different printing methods	K5

Relationship Matrix:

Course Outcomes (COs)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)					Mean Score of COs
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	
CO1	3	2	1	1	2	3	1	1	2	2	1.8
CO2	3	2	1	1	2	2	1	1	2	2	1.7
CO3	3	2	2	1	2	2	1	1	2	2	1.8
CO4	3	2	2	1	2	2	1	1	2	2	1.8
CO5	3	2	2	1	2	2	1	1	2	2	1.8
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: E. Mathavi

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23BAF4S23P	Skill	6	4	20	80	100
Course Title		Basic Aari Embroidery – Practical					

SYLLABUS		
Unit	Contents	Hours
I	Chain Stitch Double Chain Stitch Magic Chain Stitch	18
II	Water Filling Stitch Stem Stitch	18
III	Loaded Stitch Embossed Loaded Stitch	18
IV	Bead and Sequence Filling	18
V	Cut Work Mirror Work	18
VI	Current Trends *(For CIA only) – Contemporary developments related to the course during the semester concerned.	

..... Self study

Text Book(s):		
1. Amrit Bajaj, “Ribbon Embroidery”, Sonali Publication, 2 nd edition, 2001 2. Mary Gostelour, “Coat book of Embroidery”, David and Charles, 1 st edition 3. Anjali Karolia, “Traditional Indian Hand crafted Textiles”, Niyogi Books		
Reference Book(s):		
1. Jamila Brijbhushan, “Indian Embroidery”, Publications division, India, 2006 2. Uma Nilakantam, “Aari Embroidery neck tracing design book”, Notion press, 2021		
Web Resource(s):		
1. https://thedesigncart.com/blogs/news/aari-work 2. https://www.perniaspopupshop.com/encyclopedia/gujarat/aari 3. https://more-me.co.uk/blogs/news/the-rich-history-of-aari		
Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Apply capable of aari embroidery design by different stitches.	K3
CO2	Analyze creative designs in aari embroidery and prepare dresses by using these aari embroidery stitches.	K4
CO3	Analyze new opportunities in craft, textile art, fashion and design markets.	K4
CO4	Evaluate various color schemes and their application in dress making.	K5
CO5	Evaluate the techniques of create the different stitch with hand stitch	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	3	3	3	3	2	1	2	2.6
CO2	3	3	3	3	3	3	3	2	1	2	2.6
CO3	2	2	2	2	2	3	3	2	1	2	2.1
CO4	3	3	3	3	3	3	3	2	1	2	2.6
CO5	1	1	1	1	1	3	3	2	1	2	1.6
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.Nisaanthy

Semester	Course Code	Course Category	Hours/ Week	Credits	Marks for Evaluation		
					CIA	ESE	Total
IV	23BAF4I24	Skill	-	6	-	100	100
Course Title Internship							

SYLLABUS		
Unit	Contents	Hours
	<ul style="list-style-type: none"> The student has to visit and prepare the report for fabric manufacturing industry/ spinning unit/weaving/knitting/ embroidery unit/Retail store/Boutique (or) Prepare Portfolio presentation – Design and Construct the children’s apparel Duration 180 Hours Submission of internship report and mark statement in the prescribed format during last week of IIIrd semester. Report will be evaluated by-guide under viva voice examination. 	180

Course Outcomes		
Upon successful completion of this course, the student will be able to:		
CO No.	CO Statement	Cognitive Level (K-Level)
CO1	Explain the knowledge about working environment by giving real-time exposure in the Industry	K2
CO2	Demonstrate the various opportunities in the designing field	K3
CO3	Apply their theoretical knowledge with the application domain of the apparel industry	K3
CO4	Analyze the different styles of garment construction for children	K4
CO5	Design and Develop skills about Work ethics, garment construction etc.,	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	3	3	3	3	3	2	3	3	2.9
CO2	3	3	2	3	2	3	3	2	3	3	2.7
CO3	3	3	2	3	3	3	3	2	3	3	2.8
CO4	3	3	2	3	3	3	3	2	3	3	2.8
CO5	3	3	2	3	2	3	3	2	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: A.G. Meera