



PSGR Krishnammal College for Women



DEPARTMENT OF B.Sc COSTUME DESIGN AND FASHION

**CHOICE BASED CREDIT SYSTEM (CBCS) & LEARNING OUTCOMES- BASED
CURRICULAR FRAMEWORK**

(Semester – I, II, III&IV, V)

BACHELOR OF COSTUME DESIGN AND FASHION

2021 – 2024 BATCH



PROGRAMME LEARNING OUTCOMES (PLO's)

- PLO 1:** To attain knowledge on fashion concepts and theories.
- PLO 2:** To gain hands on training on illustration of garment design manually and through computer application.
- PLO 3:** To gain skill on both manual and computerized pattern making.
- PLO 4:** To achieve skill on construction of children's men's and women's.
- PLO 5:** To gain knowledge on entrepreneur's skills on create value added garment.
- PLO 6:** To compile creating innovative garment collection with portfolio.
- PLO 7:** To gain knowledge on process sequence of textile and garment manufacturing.
- PLO 8:** To gain knowledge about quality standards of textiles and apparels.

PROGRAMME SPECIFIC OUTCOME (PSO's)

The students at the time of graduation will

- PSO1:** Graduates will be able to work as a fashion designer, stylist, and accessory designer in film industries and celebrities
- PSO2:** Graduates are able to develop the fashion illustration techniques which help them to succeed as a unique professional in the Fashion industry
- PSO3:** Graduates of costume design students will be able to work as merchandiser, pattern maker, Fashion buyer, CAD Designer in Apparel Industries
- PSO4:** Graduates will be employed as assistant fashion designer, fashion designers with their NSDC certification (sector skill) of level - 4 and 5
- PSO5:** Graduates can function independently with their innovative, creative skills and excel as entrepreneurs and fashion consultant
- PSO6** Graduates will be able to conduct the fashion shows and outline the fashion show



DEPARTMENT OF B.Sc COSTUME DESIGN AND FASHION

CHOICE BASED CREDIT SYSTEM (CBCS) & LEARNING OUTCOME BASED CURRICULAR FRAMEWORK (LOCF)

SYLLABUS & SCHEME OF EXAMINATION

BACHELOR OF COSTUME DESIGN AND FASHION – 2021-2024 BATCH AND ONWARDS

Semester	Part	Subject Code	Title of the Paper		Instruction hrs/ week	Instruction hrs/ sem	Tutorialhrs /sem	Duration of Examination in hrs	Examination				
									marks			Credits	
									CA	ESE	Total		
I	I	TAM2101/ HIN2101/ FRE2101	Language – Tamil / Hindi / French – Paper I	Language	6	86	4	3	50	50	100	3	
	II	ENG2101	English Paper I	English	6	86	4	3	50	50	100	3	
	III A		Group A – Core										
			CF21C01	Basic Garment Construction Paper-I	CC	5	71	4	3	50	50	100	4
			CF21P01	Basic Garment Construction Practical- I	CC	6	90	-	3	50	50	100	5
				Group B – Allied - Paper I									
			CF21AP1	Allied Practical – Fashion Designing and Basic Illustrations Practical	GE	5	75	-	3	50	50	100	4
		IV	NME19B1/ NME19A1/	Basic Tamil I/ Advanced Tamil I	AEC	2	28	2	3	50	50	100	2
			NME18ES	Introduction to Entrepreneurship									
	II	I	TAM2102/ HIN2102/ FRE2102	Language – Tamil / Hindi / French – Paper II	Language	6	86	4	3	50	50	100	

	II	ENG2102	English Paper II	English	6	86	4	3	50	50	100	3
	III		Group A – Core									
		CF21C02	Pattern Making and Grading-II	CC	5	71	4	3	50	50	100	4
		CF21P02	Designing and Construction of Children Apparel Practical-II	CC	6	90	-	3	50	50	100	5
		CF21AP2	Group B – Allied Allied Practical - Fashion Illustration Practical	GE	5	75	-	3	50	50	100	4
	IV	NME19B2/	Basic Tamil II /	AEC	-	-	-	-	-	-	-	Grade
		NME19A2/	Advanced Tamil II									
		OPS1210	Online course	-	-	-	-	-	-	-	-	-
		21PELS1	Professional English for life science	AEC	2	26	4	2	50	50	100	2
	VI	NM17GAW	General awareness	Self study	-	1	-	-	-	-	-	Grade
		CFINST1	15 days internship training to any Garment Unit								100	2

			Group A – Core									
	IIIA	CF21C03	Textile Science-paper-III	CC	5	71	4	3	50	50	100	3
	IIIA	CF21P03	Textile Science lab (practical – III)	CC	6	90	-	3	50	50	100	4
III	IIIA	CF21P04	Designing and Construction of Women’s Apparel Lab (Practical– IV)	GE	6	90	-	4	50	50	100	5
			Group B – Allied									
	IIIA	CF21AP3	Allied Practical -III Draping lab (Practical)	GE	6	90	4	3	50	50	100	5
	III		Skill based Subject									
		CF21SB01/ CF21SBCE	SBS-Concepts of Fashion and Design/ COURSERA- Management of Fashion	SEC	5	71	4	3	25	75	100	3

		CF21SB02/ CF20SBC E	Clothing Care and Maintenance/ Fashion Marketing	SEC	3	41	4	2	25	75	100	3
		NM21DT G	Design Thinking	Finishing school part-A	2	26	-	2	100	-	100	2
	V		Extension Activities									
		COCOACT	NSS / NCC/YRC /Sports & Games /Eco Watch/YiNET/ Rotaract	-	-	-	-	-	-	-	-	1
		CFINST2	15 days internship training to Textile Processing Unit/Design									2
			Community service – 30 hours									Submission of Certificate

	III		Group A – Core									
		CF21C05	Fabric Formation Techniques Paper- V	CC	4	58	2	3	50	50	100	3
		CF21P07	Sustainable Textile Printing lab (Practical–VII)	CC	5	75	-	3	50	50	100	5
	V	CF21P08	Computers In Garment Designing lab (Practical- VIII)	CC	6	90	-	3	50	50	100	6
		CF21P09	Design Research Lab (Practical–IX)	CC	7	105	-	3	50	50	100	7
			Group C– Elective I									
		CF21E01	Textile Printing Techniques	GE								
		CF21E02	Basic Accountancy		3	43	2	3	50	50	100	3

	NM21CS 1	Cyber Security (Level I)		2	30	-	-	100	-	100	Grade
	CF21AC1	Advanced Learner Course ** Visual Merchandising	AEC	Self study	-	-	3	50	50	100	(5)
III		Skill based Subject									
	CF21SBC E	Coursera course Fashion Marketing	SE C	3	45	-	-	100	-	100	3
	CDF16C E	On Line- Comprehensive Examination (Core Subjects)	-	-	-	-	-	-	-	100	Grade

VI	II I	Group A – Core										
		CF21C06 Apparel Quality Control Theory-VI	CC	4	58	2	3	50	50	100	4	
		CF21P10 CAD Lab (Practical- X)	CC	7	105	-	4	50	50	100	5	
		Group C– Elective II										
		CF21E03 Organization of Garment Unit	GE	4	58	2	3	50	50	100	4	
		CF21E04 Export Analysis and Documentation										
		CF21AC2 Advanced learners course** Boutique Management	AEC	Self Study	-	-	3	25	75	100	5	
	III		Skill based Subject									
		CF21SB04/ CF21SBCE	SBS- Traditional Costumes and Textiles of India	SEC	3	41	4	-	100	-	100	3
			Coursera course - Fashion Marketing			45	-	-	100	-		
	PROJFPP	Fashion Portfolio practical-XI	SEC	12	180	-	4	20	80	100	7	

CC – Core Courses

GE – Generic Elective

AEC – Ability Enhancing Course

CA – Continuous Assessment

ESE - End Semester Examination

Coursera Course: Fashion Marketing / CF21SBCE

S.No	Topics of the course	Link of the course	Duration of hours
1	Fashion retail transformation	https://www.coursera.org/learn/fashion-retail-transformation	10
2	Fundamentals of social media advertising	https://tinyurl.com/2cm9hen9	9
3	Pricing strategy	https://www.coursera.org/learn/pricing-strategy	14
4	Management of fashion and luxury companies	https://www.coursera.org/learn/mafash	12

QUESTION PAPER PATTERNS

Question Paper Pattern and distribution of marks UG Language and English

Language and English

Section A 6 x 2 (No choice) : 12 Marks

Section B 4 x 6 (4 out of 6) : 24 Marks (250 words)

Section C 2 x 12 (2 out of 3) : 24 Marks (500 words)

Total : 60 Marks

UG & PG- Core and Allied - (First 3 Units)

Question from each unit comprising of

One question with a weightage of 2 Marks : $2 \times 3 = 6$

One question with a weightage of 6 Marks (Internal Choice at the same CLO level) : $6 \times 3 = 15$

One question with a weightage of 12 Marks (Internal Choice at the same CLO level) : $12 \times 3 = 36$

Total : 60 Marks

End Semester Examination – Question Paper Pattern and Distribution of Marks

Language and English - UG

Section A 11 x 2 (11 out of 13) : 22 Marks

Section B 5 x 6 (5 out of 7) : 30 Marks (250 words)

Section C 4 x 12 (4 out of 6) : 48 Marks (600 - 700 words)

Total : 100 Marks

UG & PG - Core and Allied courses:

ESE Question Paper Pattern: 5 x 20 = 100 Marks

Question from each unit comprising of

One question with a weightage of 2 Marks : $2 \times 5 = 10$

One question with a weightage of 6 Marks (Internal Choice at the same CLO level) : $6 \times 5 = 30$

One question with a weightage of 12 Marks (Internal Choice at the same CLO level) : $12 \times 5 = 60$

Total : 100 Marks

CA pattern for 21-22 and 22-23 Batch

Theory

II & III Year UG / PG

CIA Test : 10 marks (Conducted for 60 marks after 50 days)

Model Exam : 20 marks (Conducted for after 85 days 100 marks (Each Unit 20 Marks))

Seminar/Assignment/Quiz : 10 marks

Class Participation : 7 marks

Attendance : 3 marks

Total : 50 Marks

Part IV

Value education / Environmental Studies / Design Thinking

Quiz : 50marks

Assignment : 25marks

Project / Case study : 25marks

Total : 100 Marks

Cyber Security I & II

Quiz : 60 Marks

Case Study : 20 Marks

Poster : 20 Marks

New changes for 22-25 and 21-24 batch is mentioned above. Departments to follow existing pattern for other courses (i.e, Practical, Internship, Project etc.)

INTERNSHIP TRAINING

The students have the option to select any organization – Government / private industries like textile industries, Designer boutiques and Jewell designers, CAD Designers, visual merchandiser, retail managers etc., in consultation with the staff co-coordinator & HoD. The students have to undergo training for a period of 15 Days at the end of II & IV semester. The students must maintain attendance, work diary and prepare report of the training undergone and submit the same to the department. On a stipulated date, there will be a viva-voce with internal examiners at the beginning of the semester. They have to produce industrial training certificate on the same day.

MODE OF EVALUATION	MARKS	TOTAL
Attendance	10	100
Work Diary	15	
Report	50	
Viva-voce	25	

COURSE NO CF21C01	SEMESTER-I BASIC GARMENT CONSTRUCTION – PAPER I	Category	L	T	P	Credit
		Theory	71	4	-	4

Preamble

To impart thorough knowledge on the parts and function of the sewing machine and the basic garment parts construction techniques.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Define Sewing Equipment and Seams, Fullness and Skirts, Necklines, Plackets and Fastness, Sleeves and Collars, Pockets, Yokes , Trimming, Garment related Industries 4.0 and 5.0	K1
CLO2	Describe the classification of Sewing Equipment and Seams, Fullness and Skirts, Necklines, Plackets and Fastness, Sleeves and Collars, Pockets, Yokes, Trimming, Need, Reasons, Goal and Design Principles adopted in garment related Industries 4.0	K2
CLO3	Illustrate and describe the different types of Sewing Equipment and Seams, Fullness and Skirts, Necklines, Plackets and Fastness, Sleeves and Collars, Pockets, Yokes, Trimming, Technologies and skills required for garment related Industries 4.0.	K3
CLO4	Analyse about Face masks and types of mask, fabric used, finishes applied and applications in various field, cost calculation, advancements in garment related Industries 4.0.	K4
CLO5	Examine variety in Sewing Equipment and Seams, Fullness and Skirts, Necklines, Plackets and Fastness, Sleeves and Collars, Pockets, Yokes and Trimming. Impact of garment related Industries 4.0 on Society, Business, Government and People.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06
CLO1	S	S	S	S	S	S
CLO2	S	S	S	S	S	S
CLO3	S	S	S	S	S	S
CLO4	S	S	S	S	S	M
CLO5	S	S	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

Unit I: - Sewing Equipment and Seams

13hrs

Sewing machines- parts and their function, care and maintenance. Tools for measuring, marking, cutting and pressing. Selection of thread and needle for various types of fabric. Seams, seam finishes and hems.

Unit II: -Fullness, Skirts and Yokes

16 hrs

Fullness: Definition, Types of fullness – Darts, Tucks, Pleats, flares, godets, gathers, shires and frills. Calculating the amount of materials for these types. Skirts: Different types of skirts – Drafting patterns for flares, gathered, pleated, gored, semicircular and circular skirts. Yokes: - Definition, selection of yoke design, creating variety in yoke. Drafting patterns for yoke without fullness yoke with fullness within the yoke and yoke supporting or releasing fullness. Attachment of yokes

Unit III: -Necklines, Plackets, Fastness and Pockets

16 hrs

Neck Finishes: -Definition, Bias- definition, joining bias and uses. Bias facing and bias binding. Plackets- Definition, characteristics of a good placket, classification – continuous bound, bound and faced, fly opening, zipper, tailored and centre front / shirt placket.

Fasteners, and button hole - Buttons and steps in attaching buttons, other types of fasteners. Button and button hole position and length of the button hole, types of buttonhole-Button loops-thread loops, fabric loop, corded loop, corded frogs buttons and its types. Pockets- Definition, classification, selection of pocket and creating variety in pockets.

Unit IV: -Sleeves, Collars and Masks

16hrs

Sleeves:- Classification of sleeves, types of sleeves- plain, puff at top, bottom, bell, bishop, circular, leg-o-mutton, sleeveless styles, kimono and raglan. Pattern preparation for these sleeves.

Neck Collars – definition, parts of collar, factors to be considered in designing collar, classification of collar. Drafting for peter pan, cape, scallop, puritan, sailors, chinese collar and Shirt collar.

Face masks –Introduction to mask, types of mask, fabric used, finishes applied and applications in various field, cost calculation.

Trimmings and Decoration - Definition, types -Bias trimming, Ricrac, ruffles, embroidery, smocking, faggoting, Applique, lace, lace motifs, Scalloped edging, decorative fastening – belts and bows

Unit V: - Basic Garment Construction Related Industries - 4.0

10 hrs

Introduction to Garment related Industries 4.0- Need, Reasons for Adopting Garment related Industries 4.0, Definition, Goals, Design Principles and Technologies used in garment related Industries 4.0, Skills required for garment related Industries 4.0, Advancements in garment related Industries 4.0, Impact of garment related Industries 4.0 on Society, Business, Government and People, Introduction to garment related Industries 5.0.

Related Online Contents:

1. Introduction to Industry 4.0 and Industrial Internet of Things by Prof. Sudip Mishra, IIT Kharagpur.
2. A Complete Guide to Industry 4.0- Udemy.

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Mary Mathews	Practical Clothing Construction Part-II. Designing	Drafting and tailoring Bhattarams Reprographics (P) Ltd	1991
2	Zarapkar K.R	System of Cutting	Navneet Publications India	2005
3	Hilary Campbell	Designing Patterns	Om Book Services, New Delhi	2003
4	Helen Joseph	Pattern Making for Fashion Design	Armstrong Pearson Education, Delhi	2000
5	Kaliraj.P, Devi.T	Higher Education for Industry 4.0 and Transformation to Education 5.0	MDPI Multidisciplinary Digital Publishing Institute	2020

Course Designer

1. Dr.R.Radhika

COURSENO CF21P01	SEMESTER-I BASIC GARMENT CONSTRUCTION – PRACTICAL I	Category	L	T	P	Credit
		Practical	-	-	90	5

Preamble

To impart skills on basic garment parts construction techniques.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Operate and maintain the sewing machines.	K2
CLO2	Construct the samples with seams and fullness.	K3
CLO3	Apply the suitable Facing and Binding samples.	K3
CLO4	Develop the miniature samples using plackets, fasteners, sleeves and yokes.	K3
CLO5	Prepare the samples with collar, pocket and mask –pleated and padded	K3

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PL06
CLO1	S	S	S	S	S	S
CLO2	S	S	S	S	S	S
CLO3	S	S	M	S	S	S
CLO4	S	S	S	M	S	S
CL05	S	S	S	M	S	S

S- Strong; M-Medium; L-Low

Syllabus

1. Demonstrating- operating, cleaning and oiling of sewing machine. **10 hrs**
2. Preparation of samples for seam – plain, top stitched, flat fell, piped, mantua maker seam. Preparation of samples for seam finishes- Edge stitched, double stitch, overcast, bound, hem. **10 hrs**
3. Preparation of samples for fullness-Darts, tucks- pin tucks, cross tucks, group tucking with scalloped effect, Pleats- knife pleat, box pleat, kick pleat, fan pleat, Gathering – Gathering by hand, machine, elastic, ruffle- single,

double, circular, godets.	10 hrs
4. Preparation of samples for facing and binding- bias facing, shaped facing and binding.	10 hrs
5. Preparation of samples for plackets and fasteners- continuous bound, two piece placket, zipper, tailored placket, button and buttonhole, hook and eye, press button.	10 hrs
6. Preparation of samples for sleeves- plain sleeve, puff sleeve, raglan sleeve. Kimono sleeve	10 hrs
7. Preparation of samples with yoke- partial yoke, simple yoke and yoke supporting fullness.	10 hrs
8. Preparation of samples for collar- peter pan collar, shirt collar, chinese collar	10 hrs
9. Preparation of samples for pocket- patch pocket, bound pocket, pocket and mask –pleated and padded	10 hrs

Course Designer:

Dr.R.Radhika

COURSE NO CF21AP1	SEMESTER-I FASHION DESIGNING AND BASIC ILLUSTRATION – ALLIED PRACTICAL I	Category	L	T	P	Credit
		Practical	-	-	75	4

Preamble

To give training on illustrating fashion concept and theories.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowldge Level
CLO1	Illustrate the motifs, ornament, accessories, parts of garments and fullness.	K2
CLO2	Illustrate the fashion figures with head theories.	K3
CLO3	Prepare the basic color charts and harmony of colour in garment designing.	K3
CLO4	Apply the elements and Principles of design in garments through illustration.	K3

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PL06
CLO1	S	S	S	S	S	S
CLO2	S	S	S	S	S	S
CLO3	S	S	S	S	S	S
CLO4	S	S	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

- Effects in lines dots, checks and curves hatching techniques **7 hrs**
- Enlarging and reducing motifs. **7 hrs**
- Illustrating ornaments and accessories. **7 hrs**
- Illustrating pattern details pockets, sleeves, yokes, skirts, trousers and tops. **7 hrs**
- Illustrating details of pleats, ruffles, shirring and smocking. **7 hrs**
- Illustrating human figure in proportion using 8 head theory –stick figure, block figure and fleshy figure. **8 hrs**
- Preparation of colour charts –prang, value and intensity charts. **8 hrs**
- Application of colour harmony in garment design – Monochromatic colour harmony, Analogous colour harmony, Complimentary colour Harmony, Double complementary colour harmony, Split complementary Colour harmony and Triad colour harmony. **8 hrs**

9. Application of elements of design in garments-line, colour, texture, shape and size. **8 hrs**

10. Application of principles of design in garments- Harmony, Emphasis, Proportion, Rhythm and Balance. **8 hrs**

Course Designer:

1.Dr.R.Radhika

Course No CF21C02	SEMESTER-II PATTERN MAKING AND GRADING – PAPER II	Category	L	T	P	Credit
		Core	71	4		4

Preamble

To impart knowledge on methods of pattern making, grading, pattern alteration and pattern layout.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Define body measurement, pattern making and shifting darts.	K1
CLO2	Explain the importance of body measurements, pattern making, styles creates by shifting of blouse darts, fitting pattern alteration and pattern layout.	K2
CLO3	Grading the bodice front, back and sleeve and then transfer into a fabric for cutting.	K3
CLO4	Analyze the layout, types of layout and adjustment of cloth if insufficient to pattern.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PL06
CLO1	S	S	S	S	M	S
CLO2	S	S	S	S	M	S
CLO3	S	S	S	S	M	S
CLO4	S	S	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

Unit I

15 hrs

Body measurement –importance, preparing for measuring, ladies measurements, childrens and men’s measurements. Standardizing body measurements –importance, techniques used. Relative length and girth measures in ladies /gentlemen.Preparation of fabric for cutting –importance of grain in cutting and construction, steps in preparing the fabric for cutting.

Unit II

14hrs

Pattern making –method of pattern making – (Drafting and draping), merits and demerits.Types of paper patterns (Patterns for personal measurements and commercial patterns) Principles of pattern drafting.Pattern details, steps in drafting basic bodice front, back and sleeve.

Unit III**14 hrs**

Styles created by shifting of blouse darts , adding fullness to the bodice, converting darts to seam and partial yokes and incorporating darts in to seams forming yokes. Fitting - Standards of a good fit, steps in preparing a blouse for fitting, checking the fit of a blouse, solving fitting problems in a blouse, fitting techniques.

Unit IV**14 hrs**

Pattern alteration –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 and basic grading. Computerized pattern alteration

Unit V**14 hrs**

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

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Mary Mathews	Practical clothing construction	Cosmic press Chennai	1986
2	Gerry cooklin	Pattern Grading for women's clothing	Blackwell Science Ltd	1990
3	Zarapker.	Zarapker system of cutting	Navneet publications Ltd	2006

Course Designer:

1.Dr.R.Radhika

CourseNo CF21P02	SEMESTER-II DESIGNING AND CONSTRUCTION OF CHILDREN'S APPAREL - PRACTICAL II	Category	L	T	P	Credit	Category
		Practical	-	-	90	5	Practical

Preamble

To train the students with designing, drafting and construction of children's garments.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Design and Illustrate children's garment.	K2
CLO2	Draft the design for children's garment.	K3
CLO3	Construct variety of children's garments.	K4
CL04	Select and apply suitable decorative finishes for emphasis the garment.	K4
CLO5	Calculate the material and fastener requirement for each garment.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
CLO1	S	S	S	S	S	S
CLO2	S	S	S	S	S	S
CLO3	S	S	S	S	S	S
CLO4	S	S	S	S	S	S
CLO5	S	S	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

Designing, drafting and constructing the following garments.

1. Bib- Variation in outline shape. **8hrs**
2. Panty-plain or elastic lined panty. **8 hrs**
3. Jabla- without sleeve, front open (or) Magyar sleeve, back opens. **8 hrs**
4. Baba suit- knicker with chest piece attached (or) Romper. **8 hrs**

- | | |
|--|----------------|
| 5. A-Line petticoat- double pointed dart, neck line and armhole finished with Facing (or) petticoat with gathered waist. | 8 hrs |
| 6. Summer frock- with suspenders at shoulder line, without sleeve/collars (or) Angel top with raglan sleeve, fullness at neck line. | 10 hrs |
| 7. Yoke frock- yoke at chest line, with open, puff sleeve, frock- with collar, without sleeve, gathered/ circular skirt at waist line(or) Princess line frock. | 10 hrs |
| 8. Knicker - elastic waist, side pockets. | 10 hrs. |
| 9. Shirt- open collar, with pocket and Gloves | 10 hrs |
| 10. Swim suitwith head band | 10 hrs |

Course Designer:

1.Dr.R.Radhika

Course No CF21AP2	SEMESTER-II FASHION ILLUSTRATION–ALLIED PRACTICAL II	Category	L	T	P	Credit
		-	-	-	75	4

Preamble

To give a thorough knowledge on illustrating the boy, girl, women and men figures with three views, accessories, head theories, fashion figures. Designing boy, girl, women garments with seasons.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Render fabric swatches and fabric drapes.	K2
CLO2.	Illustrate –front, back and side view of boy, girl, women and men.	K3
CLO3	Analyse normal figure into fashion figure. Design different dresses with flat sketches for boy, girl, women and men. Illustrate garments for men- formal, casual, sports and party wear.	K3
CLO4	Illustrate garments for men, women and children with different seasons. Illustrate the photographic poses to fashion stylized figures.	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PL06
CLO1	S	S	S	S	S	S
CLO2	S	S	S	S	S	S
CLO3	S	S	S	S	S	S
CLO4	S	S	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

The students will be given knowledge to develop the skill of sketching.

1. Rendering of fabric swatches and fabric drapes using different media – colour pencils, marker pens, water colour, poster colours and drawing ink. **7 hrs**
2. Illustrating –Front view, Back view and Side view of boy and girl. **7 hrs**
3. Illustrating-Front view, Back view and Side view of women. **7 hrs**
4. Illustrating-Front view, Back view and Side view of men. **7 hrs**
5. Analyzing a normal figure into fashion figure –men and women. **7 hrs**

6. Designing flat sketches for children – Boy and Girl – casual, night, and Picnic wear. **8hrs**
7. Designing flat sketches for women – lingerie, occasional wear, and Ballroomgown,trendy wear **8 hrs**
8. Drawing garments for Men’s- formal, casual, sports andparty wear, **8hrs**
9. Drawing garments for different seasons for Men, Women and Children– summer, winter, autumn and spring. **8hrs**
10. Converting photographic poses from magazines into fashion illustration – stylized figures. **8hrs**

Course Designer:

1.Dr.R.Radhika

COURSE NO CF21C03	SEMESTER-III TEXTILE SCIENCE PAPER- III	Category	L	T	P	Credit
		Theory	71	4	-	3

Preamble

To impart knowledge on the process sequence of fibre to fabric.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Identify the textile fiber	K1
CLO2	Associate the properties and manufacturing process for different fibers	K2
CLO3	Discover the process involved in yarn formation, weaving and knitting.	K2
CLO4	Analyse the procedure involved in other fabrication methods	K4

Mapping with Programme Outcomes

CLOs	PL01	PL02	PL03	PL04	PL05	PL06	PL07
CLO1	M	M	M	M	S	M	M
CLO2	M	M	M	M	S	M	M
CLO3	M	M	M	M	S	M	M
CLO4	M	M	M	L	S	M	M

S- Strong; M-Medium; L-Low

Syllabus

Unit-I

14 hrs

Definition of Textile Fibers, Classification of Fibers. Properties and manufacturing process of Natural Fibers- *Cotton, Linen, Jute, Pineapple, Hemp, Bamboo, Banana, Silk, Wool and Hair fibers*.

Unit-II

14 hrs

Properties and manufacturing process of Manmade Fibers- Viscose Rayon, Polyester, Nylon, *Nylon 66 and Acrylic*.

Unit-III

14 hrs

Yarn manufacturing- Definition and Sequential process -*Blending, Opening, Cleaning, Doubling, Carding, Drawing, Roving,

Spinning*.Classification of Yarn – Simple, Lycra and Fancy yarns. Sewing thread and its properties.

Unit-IV

14 hrs

Weaving- Sequential process in weaving- winding, warping, sizing, beaming, weaving. Types of weaves- basic weaves – Plain, twill, satin, Sateen, Fancy weaves- pile, double cloth, leno, swivel, dobby and jacquard.

Unit-V

15 hrs

Knitting- Definition –classification, Types of knitting. Weft knitting-Single jersey, rib, interlock, jacquard, Warp knitting – Tricot, Rachel. Non-wovens -Definition, Types of non-wovens, manufacturing process and properties of felting, bonding, lamination, braiding.

*Blended Mode of Learning

ReferenceBook

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Corbmann B.P	Textiles –fibre to fabric, International student's edition	McGraw Hill, Singapore	1985
2	Joseph J Pretal	Fabric Science 5th edition	Fairchild Publications ,Newyork	1990
3	David spencer	Knitting technology	pergamen press, Oxford	1982
4	H.V.Sreenivasa Murthy	Introduction to textile fibres (revised edition)	woodhead publishing India in textiles	30th June 2015
5	Xiaogang Chen	Advances in 3D textiles	woodhead publishing India in textiles	28th May 2015
6	RavindraAdivare , Mohammad Shadid	Advances in functional finishing of textile	Springer	10th June 2020
7	Subramanian SenthikannanMuthu	Chemical Management in textiles and fashion	Elsevier	29th Sep 2020
8	Cristina Carvalho, Gianni Montagna	Textiles, Identify and Innovation	CRC Press Taylor and Francis group	2020

Reference link

UnitIV - [https://textilelearner.net › sateen-weave-features-classifi...](https://textilelearner.net/sateen-weave-features-classifi...)

UnitV - <https://www.sciencedirect.com/topics/engineering/circular-knitting-machine>

CourseDesigners:

Dr.R.Radhika

COURSE NO CF21P03	SEMESTER-III TEXTILE SCIENCE LAB (PRACTICAL – III)	Category	L	T	P	Credit
		Practical	-	-	90	4

Preamble

To identify fiber and perform fiber yarn and fabric test.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Identity the different Textile fibre	K2
CLO2	Describe the Yarn count, Twist, weight and Fabric Count	K2
CLO3	Calculate the Course and Loop Length of Knitted Fabric	K3
CLO4	Analyze the color fastness, shrinkage and Absorbency of given Fabric	K4

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	M	M	M	M	S	M	S
CLO2	M	M	M	S	M	S	S
CLO3	M	M	M	M	S	M	S
CLO4	M	M	M	M	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

Identification of Textile Fibres

Cotton, Silk, Wool, Nylon, Polyester, Linen, Rayon, Jute, Bamboo and Banana.

1. Microscopic Method
2. Flame test.
3. Chemical test.

15hrs

Testing of yarns:

1. Counting of the yarn using wrap reel.
2. Counting of the yarn using Beasley's balance.
3. Twist of the yarn using twist tester.

10 hrs

10 hrs

10 hrs

Testing of Fabric:

- | | |
|--|--------------|
| 1.Determining the weight of the fabric. | 8 hrs |
| 2.Determining the fabric count by | 9hrs |
| a. Ravelling method | |
| b. Pick Glass method | |
| 3.Course length and loop length of knitted fabric. | 8hrs |
| 4. Colour fastness test- Wash, Light | 8hrs |
| 5. ShrinkageTest. | 6hrs |
| 6. AbsorbencyTest. | 6hrs |

Reference link

EX:NO:2(1)<https://textilelearner.net/determination-of-the-yarn-count-by-wrap-reel/>

EX:NO:2(2)<https://www.testing-instruments.com/blog/determine-the-exact-weight-and-length-of-yarn-with-bee-sley-balance/>

EX:NO:2(7) <https://textilelearner.net/determine-color-fastness-to-wash/>

Course Designers:

- 1.Dr.R.Radhika

COURSE NO CF21P04	SEMESTER-III DESIGNING AND CONSTRUCTION OF WOMEN'S APPAREL LAB (PRACTICAL- IV)	Category	L	T	P	Credit
		Practical	-	-	90	5

Preamble

To design, draft and construct women's garments.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Illustrate the design of the garment	K2
CLO2	Draft the pattern and cut the fabric	K2
CLO3	Construct the garment as per the design	K3
CLO4	Analyze the cost expenditure and profit	K4

Mapping with Programme Outcomes

CLOs	PL01	PL02	PL03	PL04	PL05	PL06	PL07
CLO1	S	S	S	M	S	S	L
CLO2	S	S	S	S	S	S	L
CLO3	S	M	M	S	S	S	L
CLO4	S	S	S	S	S	S	M

S- Strong; M-Medium; L-Low

Syllabus

Designing, Drafting, construction and Cost Estimation of the following garments.

- | | |
|---|-------|
| 1. Saree Petticoat. | 8hrs |
| 2. Skirt- plain / circular / panel. | 8hrs |
| 3. Saree Blouse with sleeves. | 10hrs |
| 4. Lehanga with Princess cut choli blouse. | 10hrs |
| 5. Salwar or Churithar. | 8hrs |
| 6. Ladies kurtha. | 8hrs |
| 7. Pyjama – Elastic waist. | 8hrs |
| 8. Night dress – two piece/three piece. | 10hrs |
| 9. Overall -Any type of protective garment. | 10hrs |
| 10. Uniform dress -hospital wear. | 10hrs |

Reference link :

Ex No: 2 - <https://www.stylecraze.com/articles/types-of-skirts/>

Ex No: 4 - https://www.youtube.com/watch?v=103QGBR_pAY

CourseDesigners:

Dr.R.Radhika

COURSE NO CF21AP3	SEMESTER-III ALLIED PRACTICAL -III DRAPING LAB (PRACTICAL)	Category	L	T	P	Credit
		Practical	-	-	90	5

Preamble

To teach the students the basic principles of draping. To enable students to create their own designs on a three-dimensional dress form using draping method.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Describe fabric for draping and pattern conversion for basic blocks.	K2
CLO2	Express patterns for sleeves, collars and yokes by draping method.	K2
CLO3	Develop patterns for yokes and skirts by draping method.	K3
CLO4	Determine and develop patterns for shirts by draping method.	K4

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	S	M	L	S	S	S	L
CLO2	S	S	L	S	S	S	L
CLO3	S	M	L	S	S	S	L
CLO4	S	S	S	S	S	S	M

S- Strong; M-Medium; L-Low

Syllabus

1. Preparation of fabric and draping - front and back bodice and sleeve. **10 hrs**
2. Conversion of drape fabric into pattern- front and back bodice and sleeve. **5 hrs**
3. Preparation of fabric and draping for sleeves- Raglan sleeve and cowl sleeve. **10 hrs**
4. Conversion of drape fabric into pattern for sleeve- Raglan sleeve and cowl sleeve. **5hrs**
5. Preparation of fabric and draping for collars- Peter pan, Mandarin and Shawl Collar. **10 hrs**
6. Conversion of drape fabric into pattern for collar- Peter pan, Mandarin and Shawl Collar. **10hrs**
7. Preparation of fabric and draping - Shirt yoke, partial yoke and midriff yoke. **10 hrs**
8. Conversion of drape fabric into pattern- Shirt yoke, partial yoke and midriff yoke. **10hrs**
9. Draping basic skirts –Plain skirt, Pleated skirt and Flared skirt. **10hrs**
10. Conversion of drape fabric into pattern –Plain skirt, Pleated skirt and Flared skirt. **10hrs**

Reference Link:

Ex no: 2 <https://youtu.be/BhG9Sp3UutI>

Ex no: 7 <https://youtu.be/SXNgrRp2EU4>

Ex no : 8 https://youtu.be/jJ_RnpbGzbc

CourseDesigners:

1.Dr.R.Radhika

COURSE NO CF21SB01/ CF21SBCE	SEMESTER-III SBS - CONCEPTS OF FASHION AND DESIGN	Category	L	T	P	Credit
		Theory	71	4	-	3

Preamble

To understand the effect of various social and psychological factors on clothing. To study the psychological effect of clothing on the individual in social situations. To impart knowledge on fashion, fashion designers and world fashion centers.

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Define fashion, fashion terms and concepts.	K1
CLO2	Describe Fashion Cycle.	K2
CLO3	Construct Fashion Trends with Designers Idea	K3
CLO4	Analyse Fashion Forecasting	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7
CLO1	S	S	S	S	S	M	M
CLO2	S	S	S	S	M	S	M
CLO3	S	S	S	S	M	M	S
CL04	S	S	M	S	S	S	M

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

14 hrs

Definition of fashion concepts. Terms related to the fashion clothing - fashion, style, fad, classic, and collection, chic, custom made, mannequin-types of mannequin, vintage, capsule wardrobe, boho, elegant, vogue, brand, ready-to-wear, silhouette, designerable, mass fashion, knock off/high street, avantgrade, fashion show, trend, forecasting, high fashion, fashion cycle, haute couture. Consumer groups in fashion cycles – fashion leaders, fashion innovators, fashion motivation, fashion victim, fashion followers

UNIT II

14 hrs

Design – definition, Design types- natural, stylized, geometric, historic and abstract, garment design- structural, decorative and functional. Elements and principles of design. Color – Definition, Dimensions of colour- Hue, Value and Intensity, Colour categories And psychology - Warm and Cool colours, advancing and receding colours, Colour theories – Prang colour system and Munsellcolour system - colour harmonie

UNIT - III**15 hrs**

Principles of fashion movement, fashion evolution, fashion cycle – length of fashion cycle, Adoption of fashion – trickle down, trickle up and trickle across theory, Reverse adoption. Factors influencing fashion changes –psychological needs of fashion, social psychology of fashion, technological, economical, political, legal and seasonal influence. Role of costume as a status symbol, personality and dress, clothes as sex appeal, cultural value fashion cycles, repetition of fashion. Fashion services, video services, news letter services, web sites, directories and references.

UNIT -IV**14 hrs**

*Understanding fashion designer - Indian and global fashion designers. Haute couture - Indian fashion designers – **sabyasachimukherjii, rohitbal, manishmalhotra, taruntahiliani, masaba, abujani and Sandeep khosla, neetalulla, ritukumar, rituberi, anitadongre** . World fashion centers –france, italy, america, britain. Fareast- Contributions of well-known designers from France-Agnes, Sophie Albou Italy- Pierre Cardin, Roberto Cavalli America - Adams Adrian, Joseph Abboud. Britain -Basso & Brooke and Fareast Countries - Sandy Powell, Valentino Garavani*.

UNIT -V**14 hrs**

Fashion Forecasting – role of forecasting agencies, techniques and presentation of forecast. Design process – Innovation of practice, analyzing the brief, Research inspiration – Research direction, prototyping, planning a collection, designer boards, ethnographic research, trend forecasting and portfolio presentation. Organizing fashion show.

***Blended Mode of Learning.**

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1.	London College of Fashion	Fashion:Cultural History Psychology	London College of Fashion,UAL	16th May 2016
2	Kim.P.Johnson, Nancy Ann Rudd,SharronJ. Lennon	Social Psychology of dress	Bloomsbury	2017
2	Margaux Baum,Margaret Scott	Fashionand clothing(Life in the middle age)	Rosen central	1st Jan 2017
3	Carolyn mair	The Psychology of Fashion	Routledge London	March 2018 1 st edition
4	Mary Ellen Snodgrass	World Clothing and Fashion	routledge	28th march 2019

Online Reference Link

<https://textilelearner.net/stages-of-fashion-cycle/>
<https://www.slideshare.net/Tamilselvan245/fashion-cycle-adaption-of-fashion>

<https://pahaldesign.com/10-best-fashion-designer-of-world/>
<https://www.cosmopolitan.com/style-beauty/fashion/g34647685/indian-fashion-designers/>
<https://shilpaahuja.com/20-top-fashion-designers-india/>
<https://pahaldesign.com/10-best-fashion-designer-of-world/>
<https://www.wgsn.com/en/products/fashion>

CourseDesigners:

Dr.R.Radhika

NAME OF THE COURSERA COURSE - Management of Fashion and luxury companies

DURATION - 12 hrs

COURSE OFFERED BY – BOCCONI

ABOUT THIS COURSE

- Learn how fashion and luxury companies work and understand their brands, products, retail, and communication strategies. Travel through business models, international development, and product categories with industry influent experts.
- Adopting a case-study approach, the course presents strategic brand management in luxury and fashion companies as a balancing act: tradition vs. innovation, expertise vs. experimentation, casual vs. stylish; in order to increase the brand value by nurturing the brand heritage and at the same time staying fresh, relevant, and contemporary in the global marketplace. Topics such as the impact of new retail channels, new media channels, and new business declinations for the brand and emerging markets will be discussed in the course.

SKILLS YOU WILL GAIN

- Strategic Management
- Business Model
- Luxury Goods
- Brand Management

Course No CF21C04	SEMESTER-IV TEXTILE PROCESSING - PAPER-IV	Category	L	T	P	Credit
		Theory	86	6	-	3

Preamble

To familiarize the students with different textile pretreatment processes and finishing processes.

CourseOutcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Define preparatory process of gray fabric	K1
CLO2	Contrast Mercerization and bleaching process	K2
CLO3	Apply Printing and Dyeing techniques on textile materials	K3
CLO4	Categorize the Textile Effluent Management	K4

Mapping with ProgrammeOutcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	M	S	L	M	S	S	S
CLO2	M	S	L	M	S	S	S
CLO3	M	S	L	M	S	S	S
CLO4	S	S	S	S	S	M	M

S- Strong; M-Medium; L-Low

Syllabus

Unit-I

Primary sequential processes and methods - Singeing, Desizing, Scouring, Bleaching. Synthetic fibre Heat setting, Wool carbonizing, Weighting of silk. Dry Processing

17 hrs

Equipment. Wet processing equipment – kier – J box – pad roll – U box – Roller bed – Conveyor steamer – stenter.

Unit II

18 hrs

Mercerization – Theory process - Methods – Chemicals – effects. Bleaching – Hypo chlorites – Hydrogen peroxide – sodium chloride. Equipments and chemicals for bleaching of cotton, viscose, cotton/ viscose Polyester/ cotton. Evaluation of bleached fabric – whiteness – absorbency – chemical damage - residues. Wet processing of Knitted fabric – scouring – Bleaching dyeing – printing calendaring. Shrink controlling – steaming.

Unit III

17 hrs

Dyeing – Classification of colorants – fastness properties of dyes. Dyeing – classification of colorants – fastness properties of dyes. Dyeing machines – fiber, yarn and fabric dyeing machines – loose stock fiber bale – hank package – jigger – winch – HT Beam jet – padding mangles. Garment dyeing machines.

Unit IV

17hrs

Printing styles of printing – direct – discharge – resist styles. Methods of printing – screen printing – automatic screen printing – roller printing – rotary printing – transfer printing. Fixation and after treatment. Implementation of recent printing techniques in Textile processing Industries

Unit-V

17 hrs

Textile Effluent Management-Introduction to Textile Effluents-types of effluents-concept of Zero discharge- Sludge disposal -Analysis of effluents- Treatment of Textile effluents - Flocculation and Coagulation, Oxidation, Sedimentation, Filtration. Structure of Effluent Treatments plants, Reuse of textile waste water.

*Blended Mode of Learning

Course Contents and Lecture Schedule

Module No.	Topic	No. of periods	Content delivery methods	CLO's
Unit-I				
1.	Primary sequential processes	3	T&disc	CLO1
2.	Methods Singeing, Desizing, Scouring	3	T&disc	CLO2
3.	Bleaching Synthetic fibre Heat setting	4	T&disc	CLO3
4.	Wool carbonizing, Weighting of silk	3	T&disc	CLO3,CLO4

5.	Dry Processing Equipment Wet processing equipment kier-J box – pad roll – U box – Roller bed – Conveyor steamer – stenter.	4	T&disc	CLO3,CLO4
Unit-II				
1.	Mercerization – Theory process - Methods – Chemicals – effects	3	T&disc	CLO1
2.	Bleaching – Hypo chlorites – Hydrogen peroxide – sodium chloride	4	T&disc	CLO2
3.	Equipment's and chemicals for bleaching of cotton, viscose, cotton/ viscose Polyester/ cotton	4	T&disc	CLO3
4.	Wet processing of Knitted fabric – scouring	3	T&disc	CLO3,CLO4
5.	Bleaching dyeing – printing calendaring. Shrink controlling – steaming	4	T&disc	CLO3,CLO4
UnitIII				
1.	Dyeing – Classification of colorants – fastness properties of dyes	3	T&disc	CLO1
2.	Dyeing machines – fiber, yarn	3	T&disc	CLO2
3.	Fabric dyeing machines	4	T&disc	CLO3
4.	loose stock fiber bale – hank package – jigger – winch – HT Beam jet – padding mangles	3	T&disc	CLO3,CLO4
5.	Garment dyeing machines.	4	T&disc	CLO3,CLO4
Unit-IV				
1.	Printing styles of printing – direct – discharge – resist styles	3	T&disc	CLO1
2.	Methods of printing – screen printing – automatic screen printing.	3	T&disc	CLO2
3.	Roller printing – rotary printing – transfer printing	4	T&disc	CLO3
4.	Fixation and after treatment	3	T&disc	CLO3,CLO4
5.	Implementation of recent printing techniques in Textile processing Industries	4	T&disc	CLO3,CLO4
Unit-V				
1.	Textile Effluent Management-Introduction to Textile Effluents	3	T&disc	CLO1
2.	Types of effluents-concept of Zero discharge-Sludge disposal	3	T&disc	CLO2

3.	Analysis of effluents- Treatment of Textile effluents	4	T&disc	CLO3
4.	Flocculation and Coagulation, Oxidation, Sedimentation	3	T&disc	CLO3,CLO4
5.	Filtration. Structure of Effluent Treatments plants, Reuse of textile waste water.	4	T&disc	CLO3,CLO4

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Dr. H. Panda	Modern Technology Of Textile Dyes & Pigments (2nd Revised Edition)	Niir Project Consultancy Services	2016
2	Maniyasakam.N	Treatment Of Textile Processing Effluents	Meyer Rosen To Host In-Cosmetics, North America.	2017
3	Ministry of skill development @entrepreneurship	Textile Wet Processing Technician	Central staff training on research institute	2019
4	Dr. Himadri Panda	The Complete Technology Book On Dyes & Dye Intermediates (2nd Edition)	Niir Project Consultancy Services	2021

Online Link:

- <https://www.dow.com/en-us/market/mkt-textile-leather-nonwoven/sub-textiles-pre-treatment-processing.html>
- <https://www.slideshare.net/sheshir/mercerization>
- <https://textilelearner.net/different-types-of-textile-dyeing-machines/>
- <https://www.britannica.com/topic/textile/Printing>
- <https://www.hindawi.com/journals/jchem/2021/5314404/>

CourseDesigners:

Dr.R.Radhika

Course No CF21P05	SEMESTER-IV SUSTAINABLE TEXTILE PROCESSING PRACTICAL-V	Category	L	T	P	Credit
		Practical	-	-	90	5

Preamble

To prepare processed and dyed sample

Course Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Classify the chemicals needed for preparatory process of Textile processing	K2
CLO2	Identify the suitable Dye for given sample	K3
CLO3	Choose the chemicals to be used for Dyeing process	K3
CLO4	Categorize the Natural Dyes used for Fabric Dyeing	K4

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	M	M	L	L	S	S	S
CLO2	M	M	L	L	S	S	S
CLO3	S	M	L	L	S	S	S
CLO4	S	S	S	M	M	L	L

S- Strong; M-Medium; L-Low

Syllabus

1. Preparation of samples for Processing (Eco Friendly process)

30hrs

Ex.No:1 Bio-Desizing

Ex.No:2 Bio-Scouring

Ex.No:3 Bio-Polishing

2. Dye the given fabric using suitable Plant-based Natural dyes – any five (Single and Combinations)

40hrs

Ex.No:4 Leaf Source-Indigo (leaves)

Ex.No:5 Flower Source-Sun yellow (marigold)

Ex.No:6 Bark Source-kamala (bark)

Ex.No:7 Fruit Source-mallow gold (pomegranate Fruit)

Ex.No:8 Vegetable Source-onion peels (Vegetable)

3. Removal of Stains:

20hrs

Ex.No:9 Stain Removal (Cosmetics, Food stains, Grease, Blood stains)

Reference Link:

Online link

Ex:no:2 https://en.wikipedia.org/wiki/Natural_dye

Ex:no:3 <https://www.cleaninginstitute.org/cleaning-tips/clothes/stain-removal-guide>

Ex: no:4 <https://youtu.be/Zbe5vCsR4pQ>

Ex: no:5 <https://www.thedogwoodyer.com/blog/2014/9/27/fresh-leaf-indigo-dyeing>

Course Designers:

Dr.R.Radhika

Course No CF21P06	SEMESTER-IV APPAREL DESIGN AND DEVELOPMENT LABORATORY-VI	Category	L	T	P	Credit
		Practical	-	-	105	5

Preamble

To design, draft and construct Men's Garments.

Course Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Illustrate designs for men's garment	K2
CLO2	Draft the pattern and cut the fabric	K2
CLO3	Construct the garment as per the design	K3
CLO4	Calculate the cost expenditure and profit	K4

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	S	S	M	S	S	S	S
CLO2	S	S	S	S	S	S	S
CLO3	S	M	S	S	S	S	S
CLO4	S	S	S	M	M	M	S

S- STRONG; M-Medium; L-Low

Syllabus

- | | |
|---|---------------|
| 1. Designing and pattern development - Formal shirt. | 8 hrs |
| 2. Garment development - Formal shirt. | 10 hrs |
| 3. Designing and pattern development - Formal trousers. | 8 hrs |
| 4. Garment development - Formal trousers. | 10 hrs |
| 5. Designing and pattern development - Smart casual wear. | 8 hrs |
| 6. Garment development - Smart casual wear. | 10 hrs |
| 7. Designing and pattern development - T Shirts. | 8 hrs |
| 8. Garment development - T Shirts. | 10hrs |

9. Design Development(any one Garment)

13 hrs

- Research
- Finalization of Theme
- Sourcing
- Finalization of Designs
- Measurements and Specification sheets

10. Pattern Development

20 hrs

- Development of Basic Blocks
- Pattern Making and Layout

11. Product Development

- Construction on actual fabric
- Photo shoot
- Compose the above details as portfolio sheets

Reference link:

S.No.	Author	Title of the Book	Publishers	Year of publication
1	David Page Coffin	SEWING SHIRT with a perfect fit	Creative Publishing International	2018
2	Claire Wargnier	Men's Garments Become a Pattern Drafter	Esmod Editions	2021

Online link

<https://youtu.be/DNrRVTcuLLs>

Course Designers:

Dr.R.Radhika

Course No CF21AP4	SEMESTER-IV SURFACE ORNAMENTATION PRACTICAL-IV	Category	L	T	P	Credit
		Practical	-	-	90	5

Preamble

To familiarize the students with various embroidery stitches and surface ornamentation techniques.

Course Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Explain suitable stitches for embroidery designs.	K2
CLO2	Apply different Hand and Machine Embroidery techniques on fabrics.	K3
CLO3	Develop samples by using Mirror, sequence work and Flower making.	K3
CLO4	Distinguish between manual work and machine for embellishments.	K4
CLO5	Design Development and Product development for any one Experiment	K4

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	S	S	L	S	S	S	S
CLO2	S	S	L	S	S	S	M
CLO3	S	S	M	S	S	S	M
CLO4	S	S	S	S	M	S	M
CLO5	S	S	S	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

1. Hand embroidery - 15 stitches and fancy embroideries – 5 (5samples with 20 stitches) 8 hrs

2. Machine Embroidery- 9 stitches - 3 samples. 8 hrs
3. Applique- 3 types– hand, machine and iron applique 8 hrs
4. Smocking -3types 8 hrs
5. Tatting and crochet 8 hrs
6. Bead Work, Sequins work and Aari work –each one sample 8 hrs
7. Zardosi work -1 sample 8 hrs
8. Patch work & Quilting 8 hrs
9. Traditional embroideries of India – Pulkari, Kasuti, kashida, chickenkari, kanta and kutch – each one sample. 12 hrs
- 10. Design Development(any one Experiment) 6 hrs**
- Research
 - Finalization of Theme
 - Sourcing
 - Finalization of Designs
 - Colour board
 - moodboard
 - Measurements
- 11. Product Development 8 hrs**
- Motif Development
 - Construction of product
 - **Photo shoot**
 - Compose the above details as portfolio sheets

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Shailaja D. Naik	Traditional Embroideries of India	APH Publishing	1996
	Rozella Florence Linden	Easy tatting	Courier corporation	2013
2	Anon	Tatting- a fascinating book of delicate lace designs	Read Books limited	2016

3	Lauren Espy	Crochet cafe Recipes for Amigurumi crochet patterns	Blue star press	2020
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Online link

<https://youtu.be/ck2SJvspBh4>

<https://youtu.be/u8dr2bjUKxo>

[**https://youtu.be/BlpnAN6x394**](https://youtu.be/BlpnAN6x394)

[**https://youtu.be/6jOuF65d3zw**](https://youtu.be/6jOuF65d3zw)

[**https://youtu.be/TOTHI_3NtRk**](https://youtu.be/TOTHI_3NtRk)

[**https://youtu.be/R8dTNfAOctI**](https://youtu.be/R8dTNfAOctI)

<https://youtu.be/Uo1ueLkl1vA>

Course Designers:

Dr.R.Radhika

Course No CF21SB02	SEMESTER-IV CLOTHING CARE AND MAINTENANCE	Category	L	T	P	Credit
		Theory	45	3	-	3

Preamble

To gain knowledge on care and maintenance of textiles.

Course Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Define the characteristics of water	K1
CLO2	Explain the washing and laundering equipments of different fabrics	K2
CLO3	Choose the appropriate Laundering method for different fabrics.	K3
CLO4	Examine the principle of washing and Identify the types of stains	K4

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	M	L	L	M	S	M	S
CLO2	M	L	L	M	S	M	S
CLO3	M	L	L	M	S	M	S
CLO4	M	M	S	S	S	M	M

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

9 hrs

Clothing –types and maintenance, Water- hard and soft water, methods of softening water. Laundry soaps – Manufacture of soap - Hot process and cold process , composition of soap types of soap, soap less detergents , chemical action , detergent manufacture , advantages of detergents.

UNIT-II

9 hrs

Finishes – Stiffening Agents – Starch - cold water and hot water , Other stiffening agents, Preparation of starch .Laundry blues and their application. Fabric conditioners.

UNIT-III**9 hrs**

Laundry equipment – for storage, for steeping and Washing – Wash board, suction washer, wash boiler, washing machine. Drying equipments – outdoor and indoor types. Irons and ironing board – types of iron - box, flat, automatic, steam iron. Ironing board – different types.

UNIT-IV**9 hrs**

Principles of washing, Types of Washing - suction washing, washing by kneading and squeezing, washing by machine, Smart washing. - Process details. Laundering of different fabrics – cotton and linen, woollens, coloured fabrics, silks, rayon and nylon.

UNIT-V**9 hrs**

Care for Special Material – water proof coats, silk ties, leather goods, furs, plastics, lace. Dry cleaning – Process and Auxiliaries for Dry Cleaning.Storage Care of Garments.Restricted substance and their effects Stain removal – food stains, lead pencil, lipstick, mildew, nose drops, paint, perfume, perspiration / mildew, tar, turmeric and kum- kum. Care labels – washing, bleaching, Drying, ironing and different placements of labels in garments.

Blended Mode of Learning*Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1.	Rose Sinclair	Textiles and Fashion Materials, Design and Technology	"Elsevier Science""Elsevier Science"	8 November 2014
2	Pat Armstrong, Suzanne Day	Wash, Wear, andCare Clothing and Laundry in Long- Term ResidentialCare	McGill-Queen's University Press	24 April 2017
3	RajkishoreNayak	Care and Maintenance of Textile Products Including Apparel and Protective Clothing	Taylor & Francis Ltd	15 Mar 2018
4	Molly Elodie Rose	Business Plan For A Laundry And Dry Cleaning Business	Barnes &Nable.	March 18th 2020
5	RajkishoreNayak , Saminathan Ratnapandian	Care and Maintenance of Textile Products Including Apparel and Protective Clothing	CRC Press	2018

Online link

Module -1 home science in daily life/ 9 care and maintenance of fabric

<https://youtu.be/AZJiGmh5zZY>

www.prnewswire.com/news-releases/from-smart-washing-to-the-future-of-clothing-and-fabric-care-haier-unveils-its-latest-2019-innovations-to-enrich-its-internet-of-clothes-capacity-300873229.html

Course Designers:

Dr.R.Radhika

COURSE NO CF21C05	SEMESTER-V FABRIC FORMATION TECHNIQUES PAPER- V	Category	L	T	P	Credit
		Theory	43	2	-	3

Preamble

To develop Knowledge about the woven fabric formation, different types of weaves, analyze a fabric and learn the principles of creating textile designs.

Course Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Identify the process involved in weaving and knitting.	K1
CLO2	Explain about different types of weaving and knitting.	K2
CLO3	Asses the weaving and knitting structure, defects.	K3
CLO4	Analysenon woven fabric structures and defects.	K4

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	M	M	S	S	S	S	M
CLO2	M	M	S	S	S	S	M
CLO3	M	M	S	S	S	S	M
CLO4	M	M	S	S	S	S	M

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

9hrs

Introduction to Weaving – Construction of elementary weaves – plain, warp rib, weft rib, twill, modification of twills, satin and sateen weaves – their derivatives.

UNIT-II

8hrs

Honey comb- Ordinary and brighten, its modification, huck a back and its modifications, crepe weaves, mock leno.

UNIT-III

9hrs

Extra warp and extra weft figuring – single and two colours, planting, backed fabric, warp and weft backed fabrics, Terry pile, Double cloth, Defect analyses of woven structure-causes and remedies.

UNIT-IV

9hrs

Introduction to Knitting-weft knit- structure-plain, rib, interlock, pique.warp knit structure-tricot, raschel, Flat knit, Seamless knitting. Defect analyses of knit structure-causes and remedies.

UNIT-V

8hrs

Introduction to Nonwoven, Basic methods and types of nonwoven, identification of Nonwoven defects-causes and remedies.

*Blended Mode of Learning

Pedagogy:

Lecture by chalk and talk, power point presentation, e-content, group discussion, assignment, quiz, peer learning, seminar, demonstration.

Reference

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Solinger, Jacob	Apparel manufacturing analysis	Newyork	1961
2	Solinger, Jacob	Apparel manufacturing hand book analysis principles and Practice	Columbia media corp	1988
3	Prabirkumar Banerjee	Principles of Fabric Formation	CRC Press edition	2014
4	Khubab shaker, Muhammad umair	Fabric Manufacturing	De Gruyter	2016
5	Kumar Banerjee	Meripustak-Principle of fabric Formation	T&F –India	2019
6	Dr.Mukesh Kumar Singh	Industrial Practices in Weaving Preparatory	Wood head	2021

Reference link:

Blended Mode of Learning

Unit IV <https://www.sciencedirect.com/topics/engineering/flat-knitting-machine>

Unit IV <https://www.shimaseiki.com/wholegarment/>

UnitV <https://www.textiletoday.com.bd/types-non-woven-fabrics-manufacturing-processes-applications/>

Course Designers:

Dr.R.Radhika

COURSE NO CF21P07	SEMESTER-V SUSTAINABLE TEXTILE PRINTING LAB	Category	L	T	P	Credit
		Practical	-	-	75	5

Preamble

To develop skill on various Printing techniques.

Course Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Describe the various process and the methods of eco-friendly preparation of fabrics.	K2
CLO2	Compute the axillaries require for printing.	K3
CLO3	Apply the print paste on the material as per design.	K3
CLO4	Analyse the aesthetics of the sample after post- treatment.	K4

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	S	S	S	S	S	M	S
CLO2	S	S	S	S	M	M	S
CLO3	S	S	S	S	M	M	S
CLO4	S	S	S	S	M	M	S

S- Strong; M-Medium; L-Low

Syllabus

1. Create Design with Block printing – Vegetable block and wooden blocks. **9 hrs**
2. Create Design for Chest print/ Neck /Yoke designs with Stencil printing. **9 hrs**
3. Tie and Dye Designs with any three tie methods with single/ double Using Natural Dyes. **10 hrs**
4. Development of a patterned Fabric using tie and dye Technique. **10 hrs**
5. Batik printing for any one motif with single/ double using Natural Dyes. **12 hrs**
6. Print a Design using Screen printing methods with single/ double using Natural Dyes. **10 hrs**

7. Create a Print Design with a combination of any two print techniques for any product. **8 hrs**

8. Evolve a Print/Dye design for a Shawl. **7 hrs**

Pedagogy:

Lecture by chalk and talk, power point presentation, demonstration.

Reference link:

Reference link:
EX:NO:1 https://youtu.be/I_8k1cLr1Vo
EX:NO:3
<https://www.housebeautiful.com/lifestyle/fun-at-home/a32907155/natural-dyes-for-tie-dye/>

Course Designers:

Dr.R.Radhika

COURSE NO	SEMESTER-V	Category	L	T	P	Credit
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CF21P08	COMPUTERS IN GARMENT DESIGNING LAB	Practical	-	-	90	6
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Preamble

To develop skill on garment designing using computers.

Course Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Illustrate motif design with colour in garment.	K2
CLO2	Describe principles of design and colour harmony in garment.	K3
CLO3	Construct garment designs for seasonal wear.	K3
CLO4	Develop garments for functional wear.	K3

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	S	S	S	S	S	M	M
CLO2	S	S	S	S	M	M	M
CLO3	S	S	S	S	M	M	M
CLO4	S	S	M	M	S	S	L

S- Strong; M-Medium; L-Low

Syllabus

Create the following designs

7. Motifs /small designs.

10hrs

- a. Symmetrical and Asymmetrical, balanced and unbalanced design for Kerchiefs , Neck lines Chest prints for T-shirts

8. Application of colour harmony in Design

20hrs

- a. Monochromatic colour harmony
- b. Analogous colour harmony
- c. Complementary colour harmony
- d. Double Complementary colour harmony
- e. Split complementary colour harmony
- f. Triad colour harmony

- g. Tetrad colour harmony
- h. Neutral colour harmony

9. Applications of Principles of design in dress design

30hrs

- a. Balance –Formal and in formal
- b. Rhythm – by line movement, gradation, repetition.
- c. Emphasis
- d. Proportion
- e. Harmony

10.

Design
30hrs

Garments for the following.

- a. Party Wear – Women, Men, Children.
- b. Sports Wear- Tennis, Basket ball/foot ball (men and Women), Golf, any other.
- c. Fashion show – Children, men and women
- d. Winter Wear - Children, men and women
- e. Summer Wear - Children, men and women
- f. Spring Wear - Children, men and women
- g. School Uniforms – Girl child and Boy Child

Pedagogy:

Lecture by chalk and talk, power point presentation, demonstration.

Reference link:

Reference link:

<https://youtu.be/dlX5G1jAzsA>

<https://youtu.be/OpBdlVknSEQ>

Course Designers:

Dr.R.Radhika

COURSE NO	SEMESTER - V Design Research Lab	Category	L	T	P	Credit
		CF21P09	Practical			105

Preamble

To familiarize students with different development and techniques used in design research.

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Explain knowledge on conducting design research.	K3
CLO2	Indicate characteristics of client profiles for potential customers.	K2
CLO3	Understand the process of fashion forecasting and its importance.	K4
CLO4	Interpret and relate fashion forecasts to choose colours and designs based on the theme to meet the needs of the market.	K3

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
CLO1	M	S	S	S	M	M
CLO2	M	S	S	S	M	M
CLO3	M	S	S	S	M	M
CLO4	M	S	S	S	S	M

S- Strong; M-Medium; L-Low

The following have to be prepared:

- | | |
|--|--------|
| 1. Curriculum vita | 9Hrs |
| 2. Page of content | 10Hrs |
| 3. Design Research and Mind map | 10Hrs |
| 4. Conceptualization and Ideation | 12Hrs |
| 5. Boards - Mood board - Theme board/story board - Colour board | 18 Hrs |
| 6. Boards -Forecast board -Fabrics sourcing board - Trims sourcing board | 18 Hrs |
| 7. Client profile | 14Hrs |
| 8. Fashion Illustration presentation board for Men/Women/Kid | 18 Hrs |

Pedagogy:

Lecture by chalk and talk, power point presentation, demonstration.

Course Designer:

Dr.R.Radhika

COURSE NO CF21E01	SEMESTER-V Textile Printing Techniques	Category	L	T	P	Credit
		Theory	43	2	-	3

Preamble

To impart more knowledge on printing Techniques.

Course Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Identify the differences between printing and dyeing	K1
CLO2	Describe the types of printing methods.	K2
CLO3	Examine the procedure involved in different methods of printing	K3
CLO4	Categorize the process, methods and impact of natural printing materials	K4

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PL03	PL04	PL05	PL06	PL07
CLO1	S	S	S	S	S	M	S
CLO2	S	S	S	S	M	M	S
CLO3	S	S	S	S	M	M	S
CLO4	S	S	S	S	M	S	S

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

9hrs

Printing – Introduction to printing , differences between printing and dyeing , preparation of fabric for printing – cotton , linen, polyester, wool and silk, methods of printing, preparation of printing paste, selection of thickening agents. Natural dyes manufacturing process and methods.

UNIT-II

9 hrs

Direct printing : Block printing – Brief History , Preparation of design , Blocks, table, print paste and printing process Stencil printing – Brief history , preparation of fabric , stencils (For

one or more colour) Materials used for preparing stencils, process involved and techniques used.

UNIT-III

8hrs

Screen printing – brief history, Flat screen and Rotary screen printing, Preparation of screen printing paste , screen printing process, Discharge printing – chemicals used , process involved

UNIT-IV

9 hrs

Resist printing: Brief history, Batik printing wax used, Equipments required, process sequence and techniques used. Tie and dye – Brief history, Equipments required, process sequence and techniques used.

UNIT-V

8hrs

Other printing methods: Ink jet printing, Heat transfer printing, photo printing. Digital printing and other new techniques of printing.

*Blended Mode of Learning

Pedagogy:

Lecture by chalk and talk, power point presentation, e-content, group discussion, assignment, quiz, peer learning, seminar, demonstration.

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Sara J Radolph and Anna L Langford	Textiles – Ninth edition	Prentice hall, , New Jersey	2002
2	J L Smith	Textile processing	Abhishek publications, Chandigarh	2003
3	Peters R H	Textile Chemistry Vol I, & II	Textile Institute Manchester	1970
4	Stuart & Robinson	Beginners Guide to fabric dyeing and printing	Technical books, London	1982
5	Herbert Barthm	Thickening agents and Emulsion thickenings in textile printing	New Delhi	1994

Online Reference link:

Blended Mode of Learning

Unit I <https://www.entrepreneurindia.co/Document/Download/pdfanddoc-860894-.pdf>
<https://www.intechopen.com/chapters/70564>

Unit IV <https://www.prepressure.com/printing/history>

Course Designers:

Dr.R.Radhika

COURSE NO CF21AC1	SEMESTER-V	Category
	ALC-I Visual Merchandising	Theory

UNIT 1

Introduction to Visual Merchandising

15 hours

Visual Merchandising-definition, objectives and scope ,Visual merchandising and display- Elements of Visual Merchandising, Techniques of Visual Merchandising; Purpose of visual merchandising; Store image; Target customers; Seasonal visual merchandise.

UNIT 2

15 hours

Display and Display Settings

Types of display; Promotion vs. institutional display; Type of display setting Attention drawing devices: Colour; Lighting; Line and composition; Scale; Contrast; Repetition; Humour; Surprise and shock.

UNIT 3

15 hours

Store and Window Settings

Store Design, Study about props,Decorative,Signage,Windows;Exterior of the store; Window in store front design; Display window; Special windows; Focal points, Island displays, risers and platforms, the runway the catwalk, counters and display cases, museum cases, demonstration cubes, ledges, shadow boxes, enclosed displays, fascia, walls.

UNIT 4

15 hours

Mannequins and Fixtures

Mannequins and other human forms, alternatives to mannequins. Criteria for selection of fixtures, dressing fixtures, modular fixtures. Store exterior – Signs, Marquees, Outdoor Lighting, Banners, Planters, Awnings, Windows in Storefront Design, store fronts.

UNIT 5**15 hours****Merchandise Display**

Planning a display; Point of purchase display, industrial display, fashion shows, trade organizations and sources. Visual Merchandiser in store promotion; Scheduling the promotion, Fashion Promotion and Communication. Role of Visual Merchandising in changing face of retailing.

Reference:

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Jeannette Jarnow, Dickerson	Inside the Fashion Business	Prenticehall, USA	1999
2	Darlie Koshy	Effective export marketing of Apparel	Global business press	1996
3	Pegler M.M	Visual Merchandising and Display	IV Edition, Fair child Publications, New York	2001.

Online Reference link:

1. <https://textilelearner.net/visual-merchandising/>
2. <https://textilelearner.net/role-of-merchandiser-in-garment-industry/>
3. [https://www.google.com/amp/s/www.fibre2fashion.com/industry-article/3460/visual-merchandising-](https://www.google.com/amp/s/www.fibre2fashion.com/industry-article/3460/visual-merchandising-the-changing-scenario%3famp=true)
4. [the-changing-scenario%3famp=true](https://www.fibre2fashion.com/industry-article/1810/visual-merchandising)
5. <https://www.fibre2fashion.com/industry-article/1810/visual-merchandising>

Course Designers:

Dr.R.Radhika

CF21AC2	SEMESTER-VI BOUTIQUE MANAGEMENT	Category
		Theory

Preamble

To impart the students with the procedures involved in set up of boutique.

Course Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Define boutique management, Skills required to set up a boutique.	K1
CLO2	Explain the Infrastructure requirement, Staffing-selection of generalists and specialists.	K2
CLO3	Boutique interior-visual merchandising and store layout, tools and promotional kit, Book keeping for boutique and maintaining stock. Activity – To create complete miniature of store plan and layout	K3

Mapping with Programme Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
CLO1	S	S	S	S	S	S
CLO2	S	S	S	S	M	S
CLO3	S	S	S	S	M	S

S- Strong; M-Medium; L-Low

Syllabus

UNIT- I

15 hrs

Introduction to boutique management, skills required to set up a boutique, identifying target market and customer, choice of location and space management. Uniqueness of Apparel. Retailing-Types of Fashion Retail. Outlets-Department stores, specialty, chain, stores, discount retailers.

UNIT- II

15 hrs

Infrastructure requirement, Staffing-selection of generalists and specialists, material sourcing (trims and fabric), fashion accessories in boutique.

UNIT- III**15 hrs**

Boutique interior-visual merchandising and store layout, Customer relationship management. Activity – To create complete miniature of store plan and layout.

UNIT- IV**15 hrs**

Boutique marketing tools and promotional kit, book keeping for boutique and maintaining stock, project finance, cash control and cash flow analysis.

UNIT- V**15 hrs**

Boutique visit, Boutique project report, Project finance, cash control and cash flow analysis. Managing and start up the boutique business.

Pedagogy:

Lecture by chalk and talk, power point presentation, e-content, group discussion, assignment, quiz, peer learning, seminar, demonstration.

Reference book:

Sl. No.	Author(s)	Title of the Book	Publisher	Year of Publication
1	Debbra Mikaelson	FabJob Guide to Become a Boutique Owner	Fabjob	2005
2	Neil R. Bingham	The New Boutique: Fashion and Design	Merrell	2005

Course Designers

Dr.R.Radhika

COURSE NO CF21SB04	SEMESTER - VI TRADITIONAL COSTUMES AND TEXTILES OF INDIA	Category	L	T	P	Credit
		Theory	41	4	-	3

Preamble

To familiarize the students with the rich Indian heritage of woven, dyed, printed, painted and embroidered textiles. To provide knowledge regarding various traditional textiles of India.

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Identify the Traditional Textiles of India.	K1
CLO2	Associate woven, printed and embroidery textiles of India.	K2
CLO3	Elaborate on various techniques of Indian traditional costumes.	K3
CLO4	Application of various traditional embroideries of Indian apparels.	K3

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
CLO1	S	S	S	S	S	M
CLO2	M	S	S	S	S	M
CLO3	M	S	S	S	S	M
CLO4	S	S	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

8 Hrs

Origin and importance of clothing, factors influencing costume changes. Traditional Costume of India - Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Maharashtra, Goa, Telangana, Odisha, Chhattisgarh.

UNIT-II**9 Hrs**

Traditional Costume of India- Mizoram, Nagaland, West Bengal, Manipur, Assam, Tripura, Meghalaya, Jharkhand, Arunachal Pradesh, Bihar, Himachal Pradesh, Uttarpradesh, Jammu and Kashmir, Madhyapradesh, Rajasthan, Haryana, Punjab, Gujarat, Uttarakhand.

UNIT-III**8 Hrs**

Dyed and printed textiles of India - bhandhani, patola, ikkat, kalamkari, bagh, ajrak, dabu, gold and silver dust, sanganer, leheriya and bagru- in all the above types and techniques used.

UNIT-IV**8 Hrs**

Study of woven textiles of India - Dacca Muslin, Banarasi/ Chanderi brocades, baluchar, himrus and amrus, Kashmir shawls, pochampalli, Paithani and silk sarees of Kancheepuram.

UNIT-V**8 Hrs**

Traditional embroideries of India - Origin, embroidery stitches used -embroidery of Kashmir, phulkari of Punjab, kutch and kathiawar of Gujarat, embroidery of Rajasthan, kasuti of Karnataka, chickenwork of Lucknow, kantha of Bengal - in all the above types and colours of fabric /thread.

Pedagogy:

Lecture by chalk and talk, power point presentation, e-content, group discussion, assignment, quiz, peer learning, seminar, demonstration.

Reference book:

S.No.	Author	Title of the Book	Publishers	Year of publication
1	A. Biswas	Indian Costumes	Publications Division Ministry of Information & Broadcasting	2017
2	Rosemary Crill	The Fabric of India	Harry N. Abrams	2015
3	Wissler Clark	Costumes of the Plains Indians	Franklin Classics Trade Press	2018
4	Anjali Karolia	Traditional Indian Handcrafted Textiles History, Techniques, Processes, Designs	Niyogi Books	2019
5.	Anvita Agrawal	Traditional Embroideries of India	A.P.H. Publishing Corporation	2018

6.	Elizabeth Currie	A Cultural History of Dress and Fashion in the Renaissance (The Cultural Histories Series)	Bloomsbury Academic; Reprint edition	2021
7.	Anjali Karolia	Traditional Indian Handcrafted Textiles	Niyogi Books	2019
8.	Sethi, Ritu	Handmade for the 21 st century	UNESCO	2022

Course Designers:

Dr.R.Radhika

COURSE NO PROJFPP	SEMESTER-VI FASHION PORTFOLIO PRACTICAL-XI	Category	L	T	P	Credit
		Project	-	-	180	7

Preamble

To familiarize students with different development and techniques used in design research. Comprehensive portfolio showcasing their professional competencies and skills.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Explain knowledge on conducting design research. Indicate characteristics of client profiles for potential customers.	K1
CLO2	Understand the process of fashion forecasting and its importance, fashion forecasts and market needs.	K2
CLO3	Illustrate the designs for a theme. Prepare portfolio boards and sourcing of materials.	K3
CLO4	Prepare patterns and construct garments as per a theme. Calculate the price of developed garments.	K3

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
CLO1	M	S	S	S	M	M
CLO2	M	S	S	S	M	M
CLO3	M	S	S	S	M	M
CLO4	M	S	S	S	S	M

S- Strong; M-Medium; L-Low

Syllabus

The following have to be prepared:

1.Portfolio development:

- Flat Sketches

20 Hrs

• Silhouette board	21 Hrs
• Spec sheet (6 garments)	23 Hrs
• Pattern Development	25 Hrs
• Product Development	25 Hrs
• Costing of the garments	18 Hrs
• Photo shoot	23 Hrs
• Final presentation	25 Hrs

Instruction to students:

- Number of garments in a collection – 6 garments (Men/Women/Kid).
- One product from portfolio collection to be presented in fashion show.
- Spec sheet should contain design illustration, technical drawings, component detail, measurement chart, Fabric indication (swatch), fabric consumption and accessories details
- Collection to be based on innovative fabric combination, surface texture and ornamentations
- Product design and embroidery motif should be original.
- The portfolio collection should also be given in digital format.

Pedagogy:

Lecture by chalk and talk, power point presentation, demonstration.

Reference link:

<https://youtu.be/orGvOKs7Uyc>

<https://youtu.be/HEsmu45SKv4>

<https://youtu.be/mSHIR5G00Ic>

Course Designers

Dr.R.Radhika

