



PSGR KRISHNAMMAL COLLEGE FOR WOMEN

College of Excellence

(An Autonomous Institution, Affiliated to Bharathiar University)
(Reaccredited with 'A' Grade by NAAC, An ISO 9001:2008 Certified Institution)
Peelamedu, Coimbatore-641004



DEPARTMENT OF COSTUME DESIGN AND FASHION

CHOICE BASED CREDIT SYSTEM & OUTCOME BASED EDUCATION SYLLABUS

BACHELOR OF COSTUME DESIGN AND FASHION

2017 – 2020 BATCH



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PROGRAMME OUTCOMES-UG

After completion of the programme, the student will be able to

PO1: To attain knowledge on fashion concepts and theories.

PO 2: To gain hands on training on illustration of garment design manually and through computer application.

PO3: To gain skill on both manual and computerized pattern making.

PO 4: To achieve skill on construction of children's men's and women's.

PO 5: To gain skill on create value added garment.

PO 6: To compile creating innovative garment collection with portfolio.

PO 7: To gain knowledge on process sequence of textile and garment manufacturing.

PO 8: To gain knowledge on entrepreneur's skills.

PO 9: To gain knowledge about quality standards of textiles and apparels.

PROGRAMME SPECIFIC OUTCOME

The students at the time of graduation will

PSO 1: Graduates will be able to work as a fashion designer, stylist, and accessory designer in film industries and celebrities

PSO 2: Graduates are able to develop the fashion illustration techniques which help them to succeed as a unique professional in the Fashion industry

PSO 3: 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 plan.



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DEPARTMENT OF COSTUME DESIGN AND FASHION

CHOICE BASED CREDIT SYSTEM & OUTCOME BASED EDUCATION SYLLABUS & SCHEME OF EXAMINATION

2017-2018

Programme & Branch B.Sc – CDF											
Scheme of Examination											
(Applicable to students admitted during the academic year 2018 - 2019 onwards)											
Semester	Part	Subject Code	Title of the Paper	Instruction hrs/ week	Instruction hrs/ sem	Tutorial hrs /sem	Examination	Examination marks			
								CA	ESE	Total	Credits
I	I	TAM1701/ HIN1701/ FRE1701	Language – Tamil / Hindi / French – Paper I	6	86	4	3	40	60	100	3
		ENG1701/ ENG17F1	English -Paper I Language through Literature – Level 1/ Language through Literature– Functional Level 1	6	86	4	3	40	60	100	3
	III		Group A – Core								
		CF17C01	Paper I-Basic Garment Construction	5	71	4	3	40	60	100	4

	CF16P01	Practical I-Basic Garment Construction Practical	6	90	-	3	40	60	100	5		
		Group B – Allied - Paper I										
	CF16AP1	Allied Practical I – Fashion Designing and Basic Illustrations Practical	5	75	-	3	40	60	100	4		
	Non Tamil Students											
IV	NME16B1/	Basic Tamil/	2	28	2	3	40	60	100	2		
	NME16A1/	Advanced Tamil/	2	28	2	3	40	60	100			
		Students with Tamil as Language										
	NME12WS/	Women Studies/	2	26	4	-	100		100			
	NME12AS	Ambedkar Studies	2	26	4	-	100		100			
	NME12GS/	Gandhian Studies/	2	26	4	-	100		100			
II	I	TAM1702/	Language – Tamil /		6	86	4	3	40	60	100	3
		HIN1702/	Hindi /									
		FRE1702	French – Paper II									
	II	ENG1702/	English -Paper II Language through Literature – Level II/		6	86	4	3	40	60	100	3
		ENG17F2	Language through Literature – Functional Level II									
	III		Group A – Core									
		CF17C02	Paper II- Pattern Making and Grading		5	71	4	3	40	60	100	4
		CF16P02	Practical II -Designing and Construction of Children Apparel Practical		6	90	-	3	40	60	100	5
			Group B – Allied									
		CF16AP2	Allied Practical II- Fashion Illustration Practical		5	75	-	3	40	60	100	4
	Non Tamil Students											
	NME17B2/	Basic Tamil/										
	NME17A2/	Advanced Tamil										

IV		Students with Tamil as Language									Grade
	OPS1210	Online course									
		Personality Development Programme	2						100	2	
	VI	NM17GAW	General awareness	Self study		1		100		100	Grade
	CFINST1	15 days internship training to any Garment Unit									1
III	III	Group A – Core									
		CF16C03	Paper III- Textile Science	6	86	4	3	40	60	100	5
		CF16P03	Practical III- Textile Science practical	6	90	-	3	40	60	100	4
		CF16P04	Practical IV- Designing and Construction of Women's Apparel Practical	6	90	-	4	40	60	100	4
			Group B – Allied								
		CF16A01	Allied Paper I- Fashion Clothing and Psychology	6	71	4	3	40	60	100	5
	IV		Skill based Subject								
		SB16CFP1	Draping Practical	4	75	-	3	40	60	100	4
		NM11VED	Value Education	2	26	4	-	100	-	100	2
		NM10EVS	Environmental studies (Self study in III semester & regular class and exam in semester IV)								
VI		Job Oriented Course	-	-	-	-	-	-	-	Submission of Certificates	
III		Group A – Core									
		CF16C04	Paper IV - Textile Processing	6	86	4	3	40	60	100	4

IV		Practical V- Textile Processing Practical	6	90	-	3	40	60	100	4	
		Practical VI- Designing and Construction of Men's Apparel Practical	6	90	-	4	40	60	100	4	
		Group B – Allied II									
		Allied Paper II- Clothing Care and Maintenance	5	71	4	3	40	60	100	4	
	IV	Skill based Subject									
		SB16CFP2	Surface Ornamentation Practical	5	75	-	3	40	60	100	4
		NM10EVS	Environmental Studies	2	26	4		100	-	100	2
	V	Extension Activities									
			NSS / NCC/YR /Sports & Games / Eco Watch/YiNET/ Rotract	-	-	-	-	-	-	-	1
		CFINST2	15 days internship training to any Textile Processing Unit								1
		Community service – 30 hours								-	
V	III	Group A – Core									
	CF16C05	Paper VI - Basic Accountancy	3	71	4	3	40	60	100	4	
	CF16C06	Paper IX Fabric Formation Techniques	5	71	4	3	40	60	100	4	
	CF16P07	Practical VI - Computers In Garment Designing- Practical	6	90		3	40	60	100	5	
	CF16P08	Practical VII- Designing and Construction of Innovative garment Practical	6	90		3	40	60	100	6	
		Group C– Elective I									
	CF16E01	Textile Printing Techniques	3	41	4	3	40	60	100	2	
	CF16E02	Apparel Marketing									
	NM14IS1	Information Security (Level I)	2	26	4	-	100	-	100	Grade	

		Advanced Learner Course ** Visual Merchandising	Self study	-	-	3	40	60	100	(5)
	IV	Skill based Subject								
		SB16CFP3 Textile Printing Practical	5	60		3	40	60	100	3
		CDF16CE On Line-Comprehensive Examination (Core Subjects)	-	-	-	-	-	-	100	Grade
		Group A – Core								
	III	CF16C07 Paper VII -Computer in Garment Industry	5	71	4	3	40	60	100	4
		CF16C08 Paper VIII- Textile and Apparel quality control	5	71	4	3	40	60	100	4
		CF16P09 Practical VIII- CAD Practical II	7	90		3	40	60	100	6
		Group C– Elective II								
		CF16E03 Organization of Garment Unit								
		CF16E04 Export Analysis and Documentation	6	71	4	3	40	60	100	5
VI		Skill based Subject								
	IV	PROJ Fashion Portfolio Presentation	7	90	-	-	20	80	100	6
		CF16AC2 Advanced learners course** Boutique management	Self study	-	-	3	-	100	100	(5)
Total Credits										140

*100 Marks converted into 50 Marks.

** Outside regular class hours.

*The credits are applicable to candidates who take up the advanced level course exam.

QUESTION PAPER PATTERN

CORE & ALLIED PAPERS

Continuous Internal Assessment: 20 Marks

SECTION	MARKS	TOTAL
A – 5 X 2 Marks	10	50
B – 4 X 5 Marks	20	
C - 2/3 X 10 Marks	20	

End Semester Examination :20 Marks

SECTION	WORD LIMIT	MARKS	TOTAL
A-12/15 X 2 Marks	One or two sentences	24	100
B - 6/8 X 6 Marks	250	36	
C - 4/6 X 10 Marks	500	40	

SKILL BASED SUBJECT

Continuous Internal Assessment: 20 Marks

SECTION	MARKS	TOTAL
A – 4 / 6 X 4 Marks	16	25
B – 1 / 2 X 9 Marks	9	

End Semester Examination: 20 Marks

SECTION	MARKS	TOTAL
A- 4 / 6 X 5 Marks	20	50
B – 2 / 3 X 15 Marks	30	

ADVANCED LEARNERS COURSE (ALC)

Continuous Internal Assessment: 20 Marks

SECTION	MARKS	TOTAL
A – 4 / 6 X 4 Marks	16	25
B – 1 / 2 X 9 Marks	9	

End Semester Examination:20 Marks

SECTION	MARKS	TOTAL
A – 4 / 6 X 4 Marks	16	25
B – 1 / 2 X 9 Marks	9	

Model practical Examination: 40 Marks

SECTION	MARKS	TOTAL
Model Exam	12	40
Lab Performance	20	
Regularity in Record Submission	5	
Attendance	3	

Semester practical Examination: 100 Marks

SECTION	MARKS	TOTAL
Record	10	100
Experiment	90	

VALUE EDUCATION AND HUMAN RIGHTS / WOMEN STUDIES / AMBEDKAR STUDIES / GANDHIAN STUDIES / ENTREPRENEURSHIP / ENVIRONMENTAL STUDIES

Continuous Internal Assessment: 50 Marks

SECTION	MARKS	TOTAL
A – 4 / 6 X 5 Marks	20	50
B – 2 / 3 X 15 Marks	30	

Value Education and Human Rights & Environmental Studies two internal tests will be conducted for 50 marks each and the total marks secured will be equated to a maximum of 75 marks and 25 marks is allotted for project / group discussion / presentation of a report.

INFORMATION SECURITY

Continuous Internal Assessment: 50 Marks

SECTION	MARKS	TOTAL
A – 5 / 8 X 2 Marks	10	40
B – 6 / 8 X 5 Marks	30	

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	

FASHION PORTFOLIO PRESENTATION

Each faculty will be allotted 9-10 students. A specific theme will be assigned to the students. The theme will be finalized at the end of V semester, allowing students to gather relevant designs with neat sketches and portfolio materials of their work during the vacation. Portfolio work will be carried out in the construction laboratory. As part of our department activities each students have to present their garments in the attire show conducted by our department. They have to prepare the own record for their portfolio work. Viva Voce/presentation will be conducted by a panel comprising of HOD, internal examiners. A power point presentation and the garment constructed by the students group will be evaluated on the basis of students' response to the questions.

Methodology

Each project should contain the following details:

- Designer profile
- Theme Board
- Mood Board
- Story Board
- Colour Board
- Fabric Board
- Accessories Board
- Illustration
- Customer profile
- Specification sheets
- Pattern details
- Photographs

To be presented separately or in a combined form.

- Fabric development chart
- Design development chart
- Final presentation

Number of garments in a collection – 5 garments

Internal Assessment: 20 Marks

Review	Mode of Evaluation	Marks	Total
I	Selection of the field of study, Topic & Literature Collection	5	20
II	Research Design and Data Collection	10	
III	Analysis & Conclusion, Preparation of rough draft	5	

External Assessment: 80 Marks

Mode of Evaluation	Marks	Total
Project Report		
Relevance of the topic to academic / society	10	20
Objectives	10	
Experimental Design	20	
Expression of Results and Discussion	20	
Viva Voce		
Presentation	10	20
Discussion	10	

Internal Assessment: 40 Marks

Mode of Evaluation	Marks	Total
Lab performance	10	40
Practical regularity	15	
Practical models	15	

External Assessment: 100 Marks

Mode of Evaluation	Marks	Total
Sample of the garments	30	100
Portfolio report	20	
presentation	20	
Viva	30	

**WEIGHTAGE ASSIGNED TO VARIOUS COMPONENTS OF
CONTINUOUS INTERNAL ASSESSMENT**

Theory

	CI A I	CI A II	Mod el Exa m	Assignme nt/ Class Notes	Semin ar	Qui z	Class Participati on	Librar y Usage	Attendan ce	Max. Mark s
Core / Allied	5	5	6	4	5	4	5	3	3	40
SBS	5	5	15	-	-	-	-	-	-	25
ALC		10	15	-	-	-	-	-	-	25
Informati on Security	40	40		10		10				100

Practical

	Model Exam	Lab Performance	Regularity in Record Submission	Attendance	Maximum Marks
Core / Allied / SBS	12	20	5	3	40

RUBRICS

Assignment/ Seminar

Maximum - 20 Marks (converted to 4 marks)

Criteria	4 Marks	3 Marks	2 Marks	1 Mark
Focus Purpose	Clear	Shows awareness	Shows little awareness	No awareness
Main idea	Clearly presents a main idea.	Main idea supported throughout	Vague sense	No main idea
Organisation: Overall	Well planned	Good overall organization	There is a sense of organization	No sense of organization
Content	Exceptionally well presented	Well presented	Content is sound	Not good
Style: Details and Examples	Large amounts of specific examples and detailed description	Some use of examples and detailed descriptions	Little use of specific examples and details	No use of examples

CLASS PARTICIPATION

Maximum - 20 Marks (converted to 5 marks)

Criteria	5 Marks	4 Marks	3 Marks	2 Marks	1 Mark	Points scored
Level of Engagement in Class	Student proactively contributes to class by offering ideas and asks questions more than once per class.	Student proactively contributes to class by offering ideas and asks questions once per class	Student contributes to class and asks questions occasionally	Student rarely contributes to class by offering ideas and asking no questions	Student never contributes to class by offering ideas	
Listening Skills	Student listens when others talk, both in groups and in class. Student incorporates or builds off of the ideas of others.	Student listens when others talk, both in groups and in class.	Student listens when others talk in groups and in class occasionally	Student does not listen when others talk, both in groups and in class.	Student does not listen when others talk, both in groups and in class. Student often interrupts when others speak.	
Behavior	Student almost never displays disruptive behavior during class	Student rarely displays disruptive behavior during class	Student occasionally displays disruptive behavior during class	Student often displays disruptive behavior during class	Student almost always displays disruptive behavior during class	

Preparation	Student is almost always prepared for class with required class materials	Student is usually prepared for class with required class materials	Student is occasionally prepared for class with required class materials	Student is rarely prepared for class with required class materials	Student is almost never prepared for class.	
					Total	

MAPPING OF POs WITH COs

COURSE	PROGRAMME OUTCOMES					
	PO1	PO2	PO3	PO4	PO5	PO6
COURSE 1 - CF17C01						
CO1	S	S	S	S	S	S
CO2	S	S	S	S	S	S
CO3	S	S	S	S	S	S
CO4	S	S	S	S	S	S
COURSE 2 - CF16P01						
CO1	S	S	S	S	S	S
CO2	S	S	S	S	S	S
CO3	S	S	M	S	S	S
CO4	S	S	S	M	S	S
CO5	S	S	S	M	S	S
COURSE 3 -CF16AP1						
CO1.	S	S	S	S	S	S
CO2.	S	S	S	S	S	S
CO3	S	S	S	S	S	S
CO4	S	S	S	S	S	S
COURSE 4 : CF17C02						
CO1.	S	S	S	S	M	S

CO2.	S	S	S	S	M	S
CO3	S	S	S	S	M	S
CO4	S	S	S	S	S	S
COURSE 5 : CF16P02						
CO1.	S	S	S	S	S	S
CO2.	S	S	S	S	S	S
CO3	S	S	S	S	S	S
CO4	S	S	S	S	S	S
CO5	S	S	S	S	S	S
COURSE 6 : CF16AP2						
CO1.	S	S	S	S	S	S
CO2.	S	S	S	S	S	S
CO3	S	S	S	S	S	S
CO4	S	S	S	S	S	S
COURSE 7: CF16C03						
CO1	M	M	M	M	S	M
CO2	M	M	M	M	S	S
CO3	M	M	M	M	S	S
CO4	S	S	S	S	S	S
CO5	S	S	S	S	S	S
COURSE 8: CF16P03						
CO1.	M	M	M	M	S	M
CO2.	M	M	M	S	M	S
CO3	M	M	M	M	S	M
CO4	M	M	M	M	S	S
COURSE 9: CF16P04						
CO1	S	S	S	M	S	S
CO2	S	S	S	S	S	S
CO3	S	M	M	S	S	S

C04	S	S	S	S	S	S
COURSE 10: CF16A01						
CO1	S	M	L	M	M	S
CO2	S	M	L	M	M	S
CO3	S	M	L	M	M	S
C04	S	S	S	S	M	M
C05	S	S	S	S	M	M
COURSE 11: CF16SB1						
CO1	S	M	L	S	S	S
CO2	S	S	L	S	S	S
CO3	S	M	L	S	S	S
CO4	S	S	S	S	S	S
COURSE 12: CF16C04						
CO1	M	S	L	M	S	S
CO2	M	S	L	M	S	S
CO3	M	S	L	M	S	S
C04	S	S	S	S	S	M
COURSE 13: CF16P05						
CO1	M	M	L	L	S	S
CO2	M	M	L	L	S	S
CO3	S	M	L	L	S	S
CO4	S	S	S	M	M	L
COURSE 14: CF16P06						
CO1	S	S	M	S	S	S
CO2	S	S	S	S	S	S
CO3	S	M	S	S	S	S
CO4	S	S	S	M	M	M
COURSE 15: CF16A02						
CO1	M	L	L	M	S	M

CO2	M	L	L	M	S	M
CO3	M	L	L	M	S	M
CO4	M	M	S	S	S	M
COURSE 16: CF16SB2						
CO1	S	S	L	S	S	S
CO2	S	S	L	S	S	S
CO3	S	S	M	S	S	S
CO4	S	S	S	S	M	S
C05	S	S	S	S	M	S
COURSE 17: CF16C06						
CO1.	S	S	S	L	S	M
CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
C04	S	S	S	M	M	M
COURSE 18: CF16P06						
CO1.	S	S	S	S	S	M
CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
CO4	S	S	S	S	M	M
CO5	S	S	S	S	M	M
COURSE 19: CF16P07						
CO1.	S	S	S	S	S	M
CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
CO4	S	S	S	S	M	M
CO5	S	S	S	S	M	M
COURSE 20: CF16E01						
CO1.	S	S	S	S	S	M

CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
COURSE 21: CF16E02						
CO1.	S	S	S	S	S	M
CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
COURSE 22: SB16CFP3						
CO1.	S	S	S	S	S	M
CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
COURSE 23: CF16C07						
CO1.	S	S	S	S	S	M
CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
CO4	S	S	S	S	S	M
COURSE 24: CF16C08						
CO1.	S	S	S	S	S	M
CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
CO4	S	S	S	S	S	S
COURSE 25: CF16P08						
CO1.	S	S	S	S	S	M
CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
CO4	S	S	S	S	M	M
CO5	S	S	S	S	S	M
CO6	S	S	S	S	S	M
COURSE 26: CF16E03						

CO1.	M	S	M	M	S	M
CO2.	M	S	M	M	S	M
CO3.	M	S	M	M	S	M
CO4	M	M	M	M	S	S
CO5	M	M	M	M	S	S
COURSE 27: CF16E04						
CO1.	S	S	L	L	L	L
CO2.	S	S	L	L	L	L
CO3.	S	S	L	L	L	L
CO4	S	S	S	M	M	M
CO5	S	S	S	M	M	M
COURSE 28: SB16CFP4						
CO1.	S	S	S	S	S	M
CO2.	S	S	S	S	M	M
CO3.	S	S	S	S	M	M
CO4	S	S	S	S	M	M
CO5	S	S	S	S	M	S
CO6	S	S	S	S	M	S

Course number	BASIC GARMENT CONSTRUCTION – PAPER I	Category	L	T	P	Credit
CF17C01		Core	71	4		4

Preamble

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

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Define fullness	K1
CO2.	Describe the classification of sleeves.	K2
CO3.	Illustrate and describe the different type of neck finishes	K3
CO4.	Examine variety in yokes and pockets	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	S	S	M	M
CO2.	S	S	S	S	S	S	S	M	M
CO3.	S	S	S	S	S	S	S	M	M
CO4.	S	S	S	S	S	S	S	M	M

S- Strong; M-Medium; L-Low

Syllabus

Unit I: - Sewing Equipment and Seams

15 hrs

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

Unit II: -Fullness and Skirts

14 hrs

Fullness: Definition, Types of fullness – Darts, Tucks, Pleats, flares, godets, gathers, shires & 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.

Unit III: -Necklines, Plackets and Fastness

14 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 & 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.

Unit IV: -Sleeves and Collars

14 hrs

Sleeves:- Classification of sleeves, types of sleeves- plain, puff at top, bottom, bell, bishop, circular, leg-o-mutton, sleeveless styles, kimono & 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.

Unit V: - Pockets, Yokes and Trimming

14 hrs

Pockets- Definition, classification, selection of pocket and creating variety in pockets.

Yokes: - Definition, selection of yoke design, creating variety in yoke. Drafting patterns for yoke without fullness yoke with fullness within the yoke & yoke supporting or releasing fullness. Attachment of yokes.

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

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

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designers:

1.T.Vijayalakshmi

Course Number	BASIC GARMENT DESIGNING – PRACTICAL I	Category	L	T	P	Credit
CF16P01		Practical			90	5

Preamble

To impart skills on basic garment construction techniques.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate the parts of the garment.	K2
CO2.	Construct the miniature of the parts of the garment.	K3
CO3	Apply the suitable accessories in the miniature garment	K3
CO4	develop the samples using binding and facing	K3
CO5	Prepare the samples for fasteners	K3

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	S	M	M	M
CO2.	S	S	S	S	S	S	M	M	M
CO3	S	S	M	S	S	S	M	M	M
CO4	S	S	S	M	S	S	S	M	M
C05	S	S	S	M	S	S	S	M	M

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. | 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. | 10 hrs |
| 9. Preparation of samples for pocket- patch pocket, bound pocket. | 10 hrs |

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

1.T.Vijayalakshmi

Course Number CF16AP1	FASHION DESIGNING AND BASIC ILLUSTRATION – ALLIED PRACTICAL I	Category	L	T	P	Credit
					75	4

Preamble

To give training on illustrating fashion concept and theories.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate the motif of the embellishment.	K2
CO2.	Design the fashion figures with head theories, garment and the accessories.	K3
CO3	Illustrate and describe the colour theories, elements and principles of Design	K3
CO4	Apply the color harmony in the designs	K3

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	S	M	M	M
CO2.	S	S	S	S	S	S	M	M	M
CO3	S	S	S	S	S	S	M	M	M
CO4	S	S	S	S	S	S	S	M	M

S- Strong; M-Medium; L-Low

Syllabus

1. Effects in lines dots, checks and curves. **7 hrs**
2. Enlarging and reducing motifs. **7 hrs**
3. Illustrating ornaments and accessories. **7 hrs**
4. Illustrating pattern details pockets, sleeves, yokes, skirts, trousers, top etc... **7 hrs**
5. Illustrating details of pleats, ruffles, shirring and smocking, etc... **7 hrs**
6. Illustrating human figure in proportion using 8 head theory –stick figure, Fleshy figure. **8 hrs**
7. Application of principles of design in garments- Harmony, Emphasis, Proportion, Rhythm, Balance. **8 hrs**
8. Application of elements of design in garments-line, colour, texture, shape, size. **8 hrs**
9. Preparation of colour theories-prang colour chart, value, intensity. Application of principles of design in garments- Harmony, Emphasis, Proportion, Rhythm, Balance. **8 hrs**
10. Application of colour harmony in garment design – Monochromatic colour Harmony Analogous colour harmony, Complimentary colour Harmony, Double complementary colour harmony, Split complementary Colour harmony, Triad colour harmony. **8 hrs**

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

1.T.Vijayalakshmi

Course Number	PATTERN MAKING AND GRADING – PAPER II	Category	L	T	P	Credit
CF16C02		Core	71	4		4

Preamble

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

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Define pattern making and grading	K1
CO2.	Explain the standards of a good fit	K2
CO3	Sketch the pattern and transfer into a fabric for cutting	K3
CO4	Outline about layout and types of layout	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	M	S	M	M	M
CO2.	S	S	S	S	M	S	M	M	S
CO3	S	S	S	S	M	S	M	M	M
CO4	S	S	S	S	S	S	S	M	M

S- Strong; M-Medium; L-Low

Syllabus

Unit I

15 hrs

Body measurement –importance, preparing for measuring, ladies measurements, boys 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 and 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.

Unit V

14 hrs

Pattern layout- definition, purpose, rules in layout, types of layouts for length wise stripped designs, fabric with bold design, asymmetric designs, 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

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designers:

I.T.Vijayalakshmi

Course Number	DESIGNING AND CONSTRUCTION OF CHILDREN'S APPAREL - PRACTICAL II	Category	L	T	P	Credit
CF16P02		Practical			90	5

Preamble

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

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate the design of the children's garment	K2
CO2.	Draft the design of the children's garment	K3
CO3	Construct variety of children's garments	K4
C04	Point out the Decorative finishes completing the garment.	K4
CO5	Calculate and Draft the patterns for innovative designs	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	S	M	M	M
CO2.	S	S	S	S	S	S	M	M	M
CO3	S	S	S	S	S	S	M	M	M
CO4	S	S	S	S	S	S	S	M	M
CO5	S	S	S	S	S	S	S	M	M

S- Strong; M-Medium; L-Low

Syllabus

Designing, drafting and constructing the following garments.

1. Bib- Variation in outline shape **10 hrs**
2. Panty-plain or plastic lined panty **10 hrs**
3. Jabla- without sleeve, front open (or) Magyar sleeve, back opens **10 hrs**
4. Baba suit- knicker with chest piece attached (or) Romper **10 hrs**
5. A-Line petticoat- double pointed dart, neck line and armhole finished with Facing (or) petticoat with gathered waist **10 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

10 hrs

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

T.Vijayalakshmi

Course Number CF16AP2	FASHION ILLUSTRATION–ALLIED PRACTICAL II	Category	L	T	P	Credit
					75	4

Preamble

To give a thorough knowledge on illustrating the parts of the garments, accessories, head theories, colour theories, colour harmony, elements and principles of design.

Course Outcomes

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

CO Number	CO Statement	Knowldge Level
CO1	Illustrate the motif of the embellishment.	K2
CO2.	Design the fashion figures with head theories, garment and the accessories.	K3
CO3	Illustrate and describe the colour theories, elements and principles of Design	K3
CO4	Illustrate the Photographic poses to fashion illustration	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	P06	P07	P08	P09
CO1.	S	S	S	S	S	S	M	M	M
CO2.	S	S	S	S	S	S	M	M	M
CO3	S	S	S	S	S	S	M	M	M
CO4	S	S	S	S	S	S	S	S	M

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 children – Boy and girl in Front view, Back view, Side view **7 hrs**
3. Illustrating Women in Front view, Back view, Side view **7 hrs**
4. Illustrating Men in Front view, Back view, Side view **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 wears, night wear, \

and Picnic wear.	7 hrs
7. Designing flat sketches for women - lingerie, occasional wear, and ballroom gowns.	7hrs
8. Drawing garments for different – for Men’s formal, casual wear, sportswear and party wear	7hrs
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	7hrs

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

1.T.Vijayalakshmi

Course Number	TEXTILE SCIENCE	Category	L	T	P	Credit
CF16C03		Core	86	4		5

Preamble

To develop the knowledge of all the process taking place from fiber to fabric

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Define textile terms	K1
CO2.	Classification of textile fibers	K2
CO3	Describe the manufacturing process for different fibers	K2
CO4	Examine Weaves and its types	K3
CO5	Inspect the Classification of knitting and nonwoven	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	M	M	M	M	S	M	S	S	S
CO2	M	M	M	M	S	S	S	S	S
CO3	M	M	M	M	S	S	S	S	S
CO4	S	S	S	S	S	S	M	M	M
CO5	S	S	S	S	S	S	M	M	M

S- Strong; M-Medium; L-Low

Syllabus

Unit I

18hrs

Definition of textile fibers, Classification of fibers. Properties and manufacturing process of natural fibers- Cotton, linen, Jute, pineapple, hemp, silk, wool hair fibers,

Unit II

17 hrs

Properties and manufacturing process of manmade fibers-Viscose Rayon, Polyester, Nylon, Nylon 66 and acrylic.

Unit III

17 hrs

Yarn manufacturing- Definition and sequential process -Blending, opening, cleaning, doubling, carding, drawing, roving, Spinning, Classification of yarn – Simple and Fancy yarns. Sewing thread and its properties.

Unit IV**17 hrs**

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

Unit V**17 hrs**

Knitting- Definition –classification, Types of knitting – Hand and Machine. Weft knitting- Single jersey, rib, interlock, jacquard, Warp knitting – Tricot, Raschel. Non-wovens -Definition, Types of non-wovens, manufacturing process and properties of Felting, Fusing, bonding, lamination, netting, braiding, calico, tatting and crocheting.

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Corbmann B.P	Textiles –fibre to fabric, International student's edition	Mc Graw Hill, Singapore	1985
2	Joseph J Pretal	Fabric Science 5th edition	Fairchild Publications, Newyork	1990
3	David spencer	Knitting technology	pergamen press, Oxford	1982

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designers:

1.T.Vijayalakshmi

Course Number	TEXTILE SCIENCE PRACTICAL III	Category	L	T	P	Credit
CF16P03		Practical			90	4

Preamble

To identify fiber and perform fiber yarn and fabric test.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Collect the fibre specimen	K1
CO2.	Determine the weight of the yarn and fabric	K2
CO3	Procedure for testing fiber, yarn and fabric.	K3
CO4	Compare the color fastness and shrinkage	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	M	M	M	M	S	M	S	S	S
CO2.	M	M	M	S	M	S	S	M	S
CO3	M	M	M	M	S	M	S	S	S
CO4	M	M	M	M	S	S	S	M	M

S- Strong; M-Medium; L-Low

Syllabus

Identification of textile fibres Fibres

Cotton, Silk, Wool, Nylon, Polyester, Linen, Rayon, Jute.

1. Microscopic Method 8 hrs
2. Flame test. 8 hrs
3. Chemical test. 8 hrs

Testing of yarns/ fabrics:

1. Counting of the yarn using wrap reel. 7 hrs
2. Counting of the yarn using Beasley's balance. 7 hrs
3. Twist of the yarn using twist tester. 7hrs
4. Determining the weight of the fabric. 7 hrs
5. Determining the fabric count by 7 hrs
 - a. Ravelling method
 - b. Pick Glass method

- | | |
|---|-------|
| 6. Course length and loop length of knitted fabric. | 7 hrs |
| 7. Colour fastness to water. | 8 hrs |
| 8. Test of Shrinkage. | 8 hrs |
| 9. Test of Absorbency. | 8 hrs |

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

T.vijaya lakshmi

Course Number	DESIGNING AND CONSTRUCTION OF WOMEN'S APPAREL PRACTICAL IV	Category	L	T	P	Credit
CF16P04		Practical			90	4

Preamble

To design, draft and construct women's garments.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate the design of the garment	K2
CO2	Draft the design into pattern	K2
CO3	Construct the garment as per the design	K3
CO4	Calculate the pattern and construct for innovative designs	K4

Mapping with Programme Outcomes

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	S	S	S	M	S	S	L	S	M
CO2	S	S	S	S	S	S	L	S	M
CO3	S	M	M	S	S	S	L	S	M
CO4	S	S	S	S	S	S	M	M	M

S- Strong; M-Medium; L-Low

Syllabus

Designing, drafting and constructing the following garments for the features prescribed

List the Measurements required and Materials suitable

Calculate the cost of the garment

Calculate the material required –Layout method and Direct measurements method

1. Saree Petticoat- Six Panel, Decorated bottom. **10 hrs**
2. Skirts – Circular/umbrella/panel with style variations. **12 hrs**
3. Blouse- front open, Fashioned neck, Waist band at front , with sleeve **12 hrs**
4. Salwar (or) Churidhar (or) Parallels (or) Bell Bottom **10 hrs**
5. Kameez – with /without slit, with or without flare, with /without opening, with or without panels, with /without yoke. **12 hrs**
6. Nightie –With yoke, front open, with sleeve, full length. **10 hrs**
7. Ladies pant- waist band, zip attached, tight fitting / parallel pants. **12 hrs**
8. Short kurta / top – Decorative / surface design in tailored placket with or without collar. **12hrs**

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

1.T.Vijayalakshmi

Course Number	FASHION CLOTHING AND PSYCHOLOGY	Category	L	T	P	Credit
CF16A01		Allied	71	4		5

Preamble

- To understand the factors on clothing.
- To impart knowledge regarding fashion, fashion designer and world fashion centers.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Define fashion terminologies	K1
CO2.	Generalize the fashion evaluation	K2
CO3	Prepare the report on different fashion designers	K3
C04	Analyze about World fashion centers	K4
C05	Illustrate and examine Fashion cycle	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	S	M	L	M	M	S	L	S	L
CO2	S	M	L	M	M	S	L	S	M
CO3	S	M	L	M	M	S	M	S	L
C04	S	S	S	S	M	M	M	L	L
C05	S	S	S	S	M	M	M	L	L

S- Strong; M-Medium; L-Low

Syllabus

Unit I

15hrs

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, cloths as sex appeal, cultural value Fashion cycles, repetition of fashion

Unit II

14hrs

Fashion evolution – Fashion cycles, Length of cycles, consumer groups in fashion cycles – fashion leaders , fashion innovators, fashion motivation , fashion victim, fashion victims , Fashion followers .

Unit III**14hrs**

Adoption of Fashion – trickle down , trickle up and trickle across theory .Fashion forecasting – market research , evaluating the collection , Fashion services and resources (fashion services ,Colour services ,video services , News letter services, web sites , Directories and references),Design- Historic and ethnic costumes.

Unit IV**14 hrs**

Understanding Fashion designer – types – classicist, idealist, influenced, realist, and thinking poet. Indian Fashion designers –Haute couture – Manish Malhotra, Wendell Rodricks, Abu Jani and Sandeep Khosla, Tarun Tahiliani, JJ Valaya, Rina Dhaka, Manish Arora , Rohit Bal, Ritu Beri, Ritu Kumar , Omi Gurung, Shilpa Reddy, Vikram Phadnis, Neeta Lulla, Erum Ali, Payal Jain.

Unit V**14 hrs**

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.

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Drake et-al,	Retail Fashion promotion and Advertising	Macmillan Publications Company ,New York.	1992
2	Gini Stephens Frings	Fashion –From concept to consumer	prentice Hall	6th edition, (1999).
3	Bennett	Inside the fashion business	Coleman & co, Mumbai	1998
4	Harriet T, Mc Jimsey	Art and Fashion in clothing selection	The Iowa state university press, Ames Iowa	1973

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designers:

1.T.Vijayalakshmi

Course Number	DRAPING PRACTICAL	Category	L	T	P	Credit
CF16SB1		Skill based			75	4

Preamble

To create patterns by draping method.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate the design	K1
CO2.	Prepare the fabric for draping.	K2
CO3	Practice the draping techniques on dress form	K3
CO4	Experiment the draping techniques of yokes and collars	K4

Mapping with Programme Outcomes

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	S	M	L	S	S	S	L	M	M
CO2	S	S	L	S	S	S	L	M	M
CO3	S	M	L	S	S	S	L	M	M
CO4	S	S	S	S	S	S	M	M	M

S- Strong; M-Medium; L-Low

Syllabus

1. Introduction to draping and dress forms **15 hrs**
2. Draping basic front and back **15 hrs**
3. Draping basic skirts **15 hrs**
4. Draping yokes, Shirt yoke and midriff yoke **15 hrs**
5. Draping collars- Peter pan, Mandarin and Shirt Collar **15 hrs**

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

T.Vijayalakshmi

Course Number	TEXTILE PROCESSING	Category	L	T	P	Credit
CF16C04		Core	86	4		4

Preamble

To familiarize the students with different textile pre-treatment process and finishing process.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Define preparatory process of gray fabric	K1
CO2	Classification of dyes	K2
CO3	Application of printing techniques on textile materials	K3
C04	Sub divide the Wet processing of knitted fabrics.	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	M	H	L	M	H	H	H	L	H
CO2	M	H	L	M	H	H	H	L	H
CO3	M	H	L	M	H	H	H	L	H
C04	H	H	H	H	H	M	M	L	L

H-High; M-Medium; L-Low

Syllabus

Unit – I

17 hrs

Typical sequence of processes. Object and methods Singeing, Desizing, Scouring, Synthetic fiber Heat setting, Wool carbonizing, Weighting of silk. Wet processing equipment – kier – J box – pad roll – U box – Roller bed – Conveyor steamer – stenter.

Unit II

17 hrs

Mercerization – Theory process - Methods – Chemicals – effects. Bleaching – Hypo chlorites – Hydrogen peroxide – sodium chlorite. Equipments and chemicals for bleaching of cotton, viscose, cotton/ viscose Polyester/ cotton. Evaluation of bleached fabric – whiteness – absorbency – chemical damage - residues.

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

17 hrs

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.

Unit – V

18 hrs

Wet processing of Knitted fabric – scouring – Bleaching dyeing – printing calendaring. Shrink controlling - steaming. Wet processing of polyester, Nylon, silk, wool and their blends.

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Paters R.H.	Textile Chemistry	Textile institute, Vol. I,II	1970
2	Shenai V.A.	Technology of textile processing	SevalINGe publications Vol. III, V, Vii, VII	1981
3	Lewis D.M	Wool Dyeing	SDC publications England	1990

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designers:

1.T.Vijayalakshmi

Course Number	TEXTILE PROCESSING PRACTICAL V	Category	L	T	P	Credit
CF16P05		Practical			90	4

Preamble

To prepare processed and dyed sample.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Identify the chemicals for preparatory process	K2
CO2.	Calculate the chemicals to be used for dyeing process	K2
CO3	Dye the fabric using suitable dyes	K3
CO4	Identify the suitable dye for given sample	K4

Mapping with Programme Outcomes

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	M	M	L	L	S	S	S	L	S
CO2	M	M	L	L	S	S	S	M	S
CO3	S	M	L	L	S	S	S	L	S
CO4	S	S	S	M	M	L	L	M	M

S- Strong; M-Medium; L-Low

Syllabus

Preparation of samples for Processing	20hrs
1. Desizing	
2. Scouring	
3. Bleaching	
4. Mercerising	
Dye the given fabric using suitable dye	
1. Direct Dye	10 hrs
2. Sulphur Dyes	10 hrs
3. Disperse Dyes	10 hrs
4. Reactive Dyes	10 hrs
5. Acid Dyes	10 hrs
6. Basic Dyes	10 hrs
7. Vegetable Dyes (any one)	10 hrs

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

I.T.Vijayalakshmi

Course Number	DESIGNING AND CONSTRUCTION OF MEN'S APPAREL PRACTICAL VI	Category	L	T	P	Credit
CF16P06		Practical			90	4

Preamble

To design, draft and construct men's garment.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate the design of the garment	K2
CO2.	Convert the design into pattern	K3
CO3	Construct the designed garment	K3
CO4	Practice their work with various designs	K2

Mapping with Programme Outcomes

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	S	S	M	S	S	S	S	M	M
CO2	S	S	S	S	S	S	S	M	M
CO3	S	M	S	S	S	S	S	S	S
CO4	S	S	S	M	M	M	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

Designing, drafting and constructing the following garments for the features Prescribed

List the measurements required and materials suitable

Calculate the cost of the garment

Calculate the material required – layout method and direct measurement method

- | | | |
|----|---|--------|
| 1. | S.B.Vest – with/ without collar, button attached, sleeveless | 13 hrs |
| 2. | Slack shirt – full open, shirt collar, patch pocket, | 13 hrs |
| 3. | Nehru kurtha –stand collar, side pocket, half open | 13 hrs |
| 4. | Pyjama- Elastic /Tape attached waist. | 13 hrs |
| 5. | Pleated trousers – pleats in front, Darts at back, side pocket, fly with button /zip. | 13hrs |
| 6. | T-Shirt – open collar, zip attached | 12 hrs |
| 7. | Bermudas –patch pocket | 13 hrs |

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

I.T.Vijayalakshmi

Course Number	CLOTHING CARE AND MAINTENANCE	Category	L	T	P	Credit
CF16A02		Allied	71	4		4

Preamble

To gain knowledge on care and maintenance of textiles.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Identify the stains	K1
CO2	Types of stains, washing and laundering equipments.	K2
CO3	Laundry the fabric using appropriate method.	K3
CO4	Examine the principle of washing	K4

Mapping with Programme Outcomes

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	M	L	L	M	S	M	S	L	S
CO2	M	L	L	M	S	M	S	L	S
CO3	M	L	L	M	S	M	S	L	S
CO4	M	M	S	S	S	M	M	L	L

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

Water- hard and soft water, methods of softening water. Laundry soaps – Manufacture of soap (Hot process , cold process), composition of soap types of soap, soap less detergents , chemical action , detergent manufacture , advantages of detergents. 15 hrs

UNIT-II

Finishes – Stiffening Agents – Starch (cold water and hot water) , Other stiffening agents, Preparation of starch .Laundry blues, their application. 14 hrs

UNIT-III

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. 14 hrs

UNIT-IV

Principles of washing – suction washing, washing by kneading and squeezing, washing by machine - Process details and machine details. Laundering of different fabrics – cotton and linen, woollens, coloured fabrics, silks, rayon and nylon. 14 hrs

UNIT-V

Special types of Laundry – water proof coats, silk ties, leather goods, furs, plastics, lace. Dry cleaning – using absorbent and using grease solvents. Storing – points to be noted. 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 label in garments. 14 hrs

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1.	Wingate I B	Textiles fabrics and their Selection	Allied publishers Ltd, Chennai.	
2.	Susheela Dantiyagi	Fundamentals of Textiles and their Care	Orient Longmann Ltd	1980
3.	Tate of Glession	Family Clothing	John Wiley & Sons I n c, Illinois	
4.	Durga Duelkar	Household Textiles and Laundry Work	Amla Ram & Sons, Delhi	

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designers:

1.T.Vijayalakshmi

Course Number	SURFACE ORNAMENTATION PRACTICAL	Category	L	T	P	Credit
CF16SB2		Skill based			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

CO Number	CO Statement	Knowledge Level
CO1	Apply different hand embroidery techniques on fabrics	K3
CO2.	Develop the samples by using mirror and sequence work.	K5
CO3	Combine the surface decoration techniques and design the samples.	K5
CO4	Identify suitable stitches for embroidery designs.	K4
CO5	Distinguish between manual work and machine for embellishments.	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	S	S	L	S	S	S	S	S	S
CO2	S	S	L	S	S	S	M	S	S
CO3	S	S	M	S	S	S	M	S	S
CO4	S	S	S	S	M	S	M	M	M
C05	S	S	S	S	M	S	M	M	M

S- Strong; M-Medium; L-Low

Syllabus

Prepare samples for the following

- | | |
|--|-------|
| 1. Hand embroidery – 20 stitches -10 samples | 8 hrs |
| 2. Machine Embroidery- 3 samples. | 8hrs |
| 3. Applique (machine / hand) - 3 types | 8 hrs |
| 4. Smocking -3types | 8 hrs |
| 5. Bead Work -1 sample | 8 hrs |
| 6. Sequins work -1 sample | 8 hrs |
| 7. Zardosi work -1 sample | 7 hrs |
| 8. Mirror & Stone work -1 sample | 7 hrs |
| 9. Patch work & Quilting | 8 hrs |
| 10. Tassels and fringes | 5 hrs |

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designers:

1.T.Vijayalakshmi

Course Number	FABRIC FORMATION TECHNIQUES	Category	L	T	P	Credit
CF16C06		Core	71	4		4

Preamble

To developed gain 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

CO Number	CO Statement	Knowledge Level
C01	Define Weaving and Knitting	K1
C02	Explain about different types of weaving and knitting	K2
C03	Analyses of weaving and knitting structures, defects and analysis	K3
C04	Differentiate the types of nonwoven, defects-causes and remedies.	

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	L	S	M	S	S	M
CO2.	S	S	S	S	M	M	S	S	M
CO3.	S	S	S	S	M	M	S	S	S
CO4	S	S	S	M	M	M	S	S	M

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

10 hrs

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

UNIT-II

15 hrs

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

UNIT-III

15 hrs

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

15 hrs

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

UNIT-V**16 hrs**

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

Reference Books

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

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designer:

1.T.Vijayalakshmi

Course Number	COMPUTERS IN GARMENT DESIGNING - PRACTICAL	Category	L	T	P	Credit
CF16P06		Core			90	5

Preamble

To develop skill on garment designing using computers.

Course Outcomes

CO Number	CO Statement	Knowledge Level
CO1.	Illustrate garment design.	K1
CO2.	Create designs using colour theory	K2
CO3.	Application of colour harmony and principles of design in a garment.	K3
CO4	Application of principle of design in garments.	K3
CO5	Design garments for various occasion	K5

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

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	M	M	L	L
CO2.	S	S	S	S	M	M	M	M	L
CO3.	S	S	S	S	M	M	M	M	L
CO4	S	S	S	S	M	M	M	S	S
CO5	S	S	S	S	M	M	M	S	S

S- Strong; M-Medium; L-Low

Syllabus

Create the following designs

1. Motifs / small designs.

10 hrs

- Embroidery designs for Kerchiefs , Neck lines Chest prints for T-shirts

2. Application of colour harmony in Design

20hrs

- Monochromatic colour harmony
- Analogous colour harmony
- Complementary colour harmony
- Double Complementary colour harmony
- Split complementary colour harmony
- Triad colour harmony

- Tetrad colour harmony
 - Neutral colour harmony
3. Applications of Principles of design in dress design **30 hrs**
- Balance –Formal and informal
 - Rhythm – by line movement, gradation, repetition.
 - Emphasis
 - Proportion
 - Harmony
4. Design Garments for the following. **30 hrs**
- Party Wear – Women, Men, Children.
 - Sports Wear- Tennis, Basket ball/foot ball (men and Women), Golf, any other.
 - Fashion show – Children, men and women
 - Winter Wear - Children, men and women
 - Summer Wear - Children, men and women
 - Spring Wear - Children, men and women
- School uniforms –Girl child and boy child

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designer:

T.Vijayalaksmi

Course Number	DESIGNING AND CONSTRUCTION OF INNOVATIVE GARMENT-PRACTICAL	Category	L	T	P	Credit
CF16P07		Core			90	6

Preamble

To develop skill on pattern making and garment construction.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Illustrate the design of the garment.	K1
CO2.	Draft the patterns for the design.	K2
CO3.	Construct the garment as per the design.	K3
CO4	Construct party wear garment as per design	K3
CO5	Examine and construct the bridal garment	K5
C06	Show the Photograph of the garment with model	K1

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	M	M	M	L
CO2.	S	S	S	S	M	M	M	S	M
CO3.	S	S	S	S	M	M	M	S	M
CO4	S	S	S	S	M	M	M	S	S
CO5	S	S	S	S	M	M	M	S	S

S- Strong; M-Medium; L-Low

Syllabus

1. Design and construct Children's garment of recent fashion- any 2 styles **15 hrs**
2. Design and construct Women's garment of recent fashion- any 2 styles **15 hrs**
3. Design and construct Men's garment of recent fashion- any 2 styles **15 hrs**
4. Design and construct garment for a Party wear **15 hrs**
5. Design and construct garment for a Fashion Show based on a theme. **15 hrs**
6. Design and construct a bridal garment. **15 hrs**

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designer:

T.Vijayalaksmi

Course Number	Textile Printing Techniques	Category	L	T	P	Credit
CF16E01		Elective-1	41	4		2

Preamble

To impart more knowledge on printing Techniques.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Define printing and its types	K1
CO2.	Describe about the printing methods	K2
CO3.	Explain the procedure involved in different methods of printing	K3

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	M	S	S	S
CO2.	S	S	S	S	M	M	S	S	S
CO3.	S	S	S	S	M	M	S	S	M

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

8 hrs

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.

UNIT-II

8 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

8 hrs

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

8 hrs

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

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

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designer:

T.Vijayalakshmi

Course Number	APPAREL MARKETING	Category	L	T	P	Credit
CF16E02		Elective-1	41	4		2

Preamble

To impart the knowledge on the Apparel marketing strategies.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Define fashion marketing, Marketing environment	K1
CO2.	Brief on Function Marketing ,Advertising&Brief on sources on pricing.	K2
CO3.	Explain Marketing Research	K3

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	M	M	S	L
CO2.	S	S	S	S	M	M	M	S	L
CO3.	S	S	S	S	M	M	M	S	L

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I 15 hrs
 Meaning and classification of Marketing ,fashion Marketing ,fashion Market – Size and structure, Marketing environment – Micro and macro marketing environment , Trends in marketing environment .

UNIT-II 15 hrs
 Marketing Function – Assembling, standardization and Grading and packaging ,product planning and development ,importance of fashion products , Nature of fashion products. The fashion industry and new product development, product mix and range planning, Fashion and related cycles.

UNIT-III 10 hrs
 Pricing policies and strategies for apparel products, importance of price policies , Functions and factors Influencing pricing- internal and external, pricing strategies for new products, methods of setting prices.

UNIT-IV 10 hrs
 Fashion sales promotional programme for apparel marketing , communication in prop motion, Personal selling, point of purchase, sales promotion – Objectives and methods, Marketing Research – Definition, Scope and Process – Areas of research.

UNIT-V

10 hrs

Fashion Advertising and preparation of advertising for apparel market , Advertising media used in apparel market – Advantages and limitations, Advertising department – structure and functions, advertising agencies – structure and functions . Advertising Budget.

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	RSN Pillai and Bhagavathi,	Marketing	Chand and Company Ltd, New Delhi	1987
2	Dr B K Chatterjee Jaico	Marketing management	Juice publishing house , Bombay	1982
3	Philip C F and Duncon	Marketing Principles and methods	Irwin Publications	
4	back Man T N , Munard H H and Davidson W R,	Principles of marketing	Ronald Press Company Newyork	1970
5	Mike Easey	Fashion marketing	Black well Science Ltd	1995
6	C N Sonatakki,	Advertising	Klyani Publishers New Delhi.	1989

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designer:

T.Vijayalaksmi

Course Number	Visual Merchandising	Category
CF16AC1		Advanced Learners Course

Unit 1

Introduction to Visual Merchandising

Visual merchandising and display; Purpose of visual merchandising; Store image; Target customers; Seasonal visual merchandise; Windows

Unit 2

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

Store and Window Settings

Exterior of the store; Window in store front design; Display window; Special windows

Unit 4

Mannequins

Types of mannequins; Alternatives to mannequin; Dressing up of mannequin

Unit 5

Merchandise Display

Planning a display; Visual Merchandiser in store promotion; Scheduling the promotion¹⁸

Reference:

1 Jeannette Jarnow, Dickerson, Inside the Fashion Business, Prentice hall, USA.

2 Darlie Koshy, Effective export marketing of Apparel, Global business press, 1996.

Course Number	Textile Printing Practical	Category	L	T	P	Credit
SB16CFP3		Skill			60	3

Preamble

To develop skill on various techniques.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	List out the different types of printing	K1
CO2.	Describe the techniques used in different printing methods	K2
CO3.	Explain the procedure of different types of printings	K3

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	M	S	S	M
CO2.	S	S	S	S	M	M	S	S	M
CO3.	S	S	S	S	M	M	S	S	M

S- Strong; M-Medium; L-Low

Syllabus

1. Create Design with Block printing – Vegetable/ wooden blocks **8hrs**
2. Create Design for Chest print/ Neck /Yoke designs with Stencil printing. **16hrs**
3. Tie and Dye Designs with any three methods with single/ double/ Multi colours. **16 hrs**
4. Batik printing with any three methods with single/ double/ Multi colours. **16 hrs**
5. Print a Design using Screen printing methods. **4hrs**

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designer:

T.Vijayalaxmi

Course Number	Computer in Garment Industry	L	T	P	Credit
CF16C07		Core	71	4	

Preamble

To impart the knowledge on the application of computers in garment industry.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Define computer generation and specification	K1
CO2.	Explain the role of computer in garment Industry	K2
CO3.	Computer application in fabric defect checking, laying / spreading, cutting marker planning, labeling	K3
CO4	Investigate the Computerized sewing machines	K4

Mapping with Programme Outcomes

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	M	M	S	S
CO2.	S	S	S	S	M	M	M	S	S
CO3.	S	S	S	S	M	M	M	S	S
CO4	S	S	S	S	S	M	M	M	S

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

13 Hrs

Classification of computers, computer generations, computer specification ,organization of computer sections .Types of storage devices (primary and secondary) ,input devices , output devices .

UNIT-II

13 Hrs

Role of computers in fashion industry – Information flow – CAD, CAM, CIM, CAA, PDC – Definition and functions. Computers in production planning and production scheduling ,computerized colour matching system.

UNIT-III

15 Hrs

CAD in designing Textile designing – Weaving , Knitting and printing. Creating embroidery designs. Garment designing – 2D and 3D forms .

UNIT-IV

15 Hrs

CAD in pattern making and grading – system description – information flow – process involved in pattern making , process involved in pattern grading

UNIT-V

15 Hrs

Computer application in fabric defect checking, laying / spreading, cutting marker planning, labeling – parts and functions. Computerized sewing machines.

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Harold Carr and Barbara Latham	The technology of clothing manufacture	Blackwell Ltd	1994
2	P K Sinha	Computer Fundamentals	BPB Publications, Delhi	1992
3	Gerry Cooklin	Pattern Grading for Women's Cloths The Technology of sizing	Blackwell Science Ltd	1990

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designer:

T.Vijayalaksmi

Course Number	Textile and Apparel Quality Control	Category	L	T	P	Credit
CF16C08		Core	71	4		4

Preamble

To gain knowledge on apparel quality standards.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Define quality control	K1
CO2.	Explain the function of production control	K2
CO3.	Describe Apparel manufacturing cost	K3
CO4	Outline the basic flow process grids construction and production control.	K4

Mapping with Programme Outcomes

COs	PO1	PO2	P03	P04	P05	P06	P07	P08	P09
CO1.	S	S	S	S	S	M	M	M	S
CO2.	S	S	S	S	M	M	M	M	S
CO3.	S	S	S	S	M	M	M	M	S
CO4	S	S	S	S	S	S	M	M	M

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

15 hours

Definition and Scope of Quality control – establishing merchandising standards- establishing raw material quality control specifications – quality control of raw material.

UNIT-II

16 hours

Establishing Processing quality specification – training quality control personnel – the quality standard control – quality control inspection , procedures for processing- quality control of finished garments – Quality control and Government contacts – quality control for packaging , warehousing and shipping – statistical quality control .Sampling plans – industry – wide quality standards .

UNIT-III

10hours

Function of production control – production analysis – quality specifications – qualitative specifications – scope of apparel manufacturing activity –coordinating Departmental Activities – Distribution of documents and records.

UNIT-IV**15 hours**

Type of control forms – basic production systems – whole garment, departmental whole garment, subassembly systems and progressive bundle systems, principles for choosing a production system – evaluating production systems – Flow process grids and charts – basic flow process grids construction – flow process grids for production control.

UNIT-V**15hours**

Functions of cost control , types of costs and expenses – Apparel manufacturing cost categories – sales cost control , purchasing cost control , production cost control , administration cost control – cost ration policies – the manufacturing budget –cash flow controls – standard cost sheet , break even – charts

Reference Books

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 principle les and Practice	Columbia media corp	1988

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designer:

T.Vijayalaksmi

Course Number	COMPUTER AIDED DESIGNING - PRACTICAL	Category	L	T	P	Credit
CF16P08		Core			90	6

Preamble

To get familiarize with the CAD apparel software used in garment industry.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Design portfolio collection.	K1
CO2.	Sketch the pattern and grading.	K2
CO3.	Illustrate and subdivide the boards	K4
CO4	Compare and categories the grading of the garment.	K4
CO5.	Examine the Marker planning & efficiency for the following garments	K4
CO6	Prepare marker planning and efficiency for the garment.	K3

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	M	M	S	M
CO2.	S	S	S	S	M	M	M	S	M
CO3.	S	S	S	S	M	M	M	S	M
CO4	S	S	S	S	M	M	M	M	S
CO5	S	S	S	S	S	M	M	M	S
CO6	S	S	S	S	S	M	M	M	S

S- Strong; M-Medium; L-Low

Syllabus

1. Design 2 portfolio collection – theme board, mood board, colour board and Swatch board. **20 hrs**
2. Preparation of Patterns for the following **20 hrs**
 - Salwar Kameez
 - Middi and Tops
 - T-Shirt
 - Full Sleeve Shirt
 - Trousers- Narrow bottom or Bell bottom

3. Grade the following patterns for 3 sizes **20 hrs**

- Salwar Kameez
- Middi and Tops
- T-Shirt
- Full Sleeve Shirt
- Trousers- Narrow bottom or Bell bottom

4. Marker planning & efficiency for the following garments **30 hrs**

- Salwar Kameez
- Middi and Tops
- T-Shirt
- Full Sleeve Shirt
- Trousers- Narrow bottom or Bell bottom

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designer:

T.Vijayalaksmi

Course Number	ORGANISATION OF GARMENT UNIT	Category	L	T	P	Credit
CF16E03		Elective-II	71	4		5

Preamble

To impart knowledge on organization of garment unit and to familiarize Institutions supporting entrepreneurs.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	List the departments involved in a garment unit	K1
CO2.	Describe the Institutions supporting entrepreneurs	K2
CO3	Explain the steps involved in organization of a garment unit	K3
CO4.	Explain the steps involved in organization of a garment unit	K4
CO5	Demonstrate fashion design and layout of a garment industry	K3

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	M	S	M	M	S	M	M	S	S
CO2.	M	S	M	M	S	M	M	S	S
CO3.	M	S	M	M	S	M	M	S	S
CO4	M	M	M	M	S	S	S	M	S
CO5	M	M	M	M	S	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

15 hrs

Entrepreneurship- Meaning definition and types need for Entrepreneurs, qualities and types of Entrepreneurship. Difference between Entrepreneur and manager. Management-Definition, Management as a process –Planning, organizing, Directing Controlling, Co ordination.

UNIT-II

15 hrs

Institutions supporting entrepreneurs- DIC, NSIC ,SISI,SIPCOT, TII,KVIC, CODISSIA, COMMERICAL BANKS –SBI. Organizational structure of a garment unit – Hierarchical organization, production planning and control.

UNIT-III

14 hrs

Different department in a garment unit – Design department, Finance department, purchasing department, Production department, Organizing different sections – hierarchy Personnel involved in all the departments, nature of the job.

UNIT-IV

14 hrs

Factory Design and layout – importance of factory design, factors affecting factory design, Types of buildings, (single and Multi –storey) –advantages and limitation. Factory layout – Process, Product and combined layout Design requirement – requirements relating to health, safety and welfare.

UNIT-V

13 hrs

Performance of Indian Garment Export, SWOT Analysis Setting up of garment unit for export market, Export Document, Export finance- Payment method, Export shipping Role of merchandiser in a garment unit

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Dinakar pagare	Principles of management	sultan Chand and sons	1980
2	Dr. C.B Gupta, Dr N.P . Srinivasan	Entrepreneurship Development in India	sultan Chand and sons delhi	1997
3	Darlie O Koshy	Garment Exports		1997
4	AJ Chester 2nd Edition	Introduction to clothing production management	Wrenbury Associates Ltd	1998
5	Harold Carr and Barbara Latham	The technology of clothing manufacture	Blackwell Science	1994

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designer:

T.Vijayalaksmi

Course Number	EXPORT ANALYSIS AND DOCUMENTATION	Category	L	T	P	Credit
CF16E04		Elective-II	71	4		5

Preamble

To impart knowledge on processes involved in exports.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	List the export documents in garment industry.	K1
CO2	Explain the export procedure.	K2
CO3	Prepare documents for garment and textile exports.	K3
CO4	Prepare documents for garment and textile exports.	K3
CO5	Examine quality inspection procedure in garment and textile industry	K4

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	L	L	L	L	M	S	M
CO2.	S	S	L	L	L	L	M	S	M
CO3.	S	S	L	L	L	L	M	S	M
CO4.	S	S	S	M	M	M	M	L	L
CO5.	S	S	S	M	M	M	M	L	L

S- Strong; M-Medium; L-Low

Syllabus

UNIT- I

15 Hrs

Preliminary steps for starting export business- Meaning-Classification of goods for exports-Advantages- Disadvantages-Registration formalities-procedure for obtaining IEC number-Export license-Role of EPCS [Exports Promotion Councils] [AEPC].

UNIT – II

15 Hrs

Export Procedure and export contract: Steps in export procedure- pre-shipment procedure- Shipment procedure-post- shipment procedure. Exchange rate fluctuations Risks- Forward Contracts –Role of ECGC to cover political Commercial and Comprehensive Risks on Exports.

UNIT- III**14 Hrs**

Arrangement of export finance: Meaning of export finance-pre- shipment finance-features-types- post- shipment finance-features- types-Institutional framework for export finance-Role of reserve bank of India in export finance.

UNIT- IV**14 Hrs**

Excise clearance -Duty Exemption, Remission, Duty drawback schemes. Quality inspection- Applications for inspection to inspection agencies, Inspection Certificates CRF. Certificate of origin, GSP Certificate [EIA].

UNIT- V**13 Hrs**

Export Documentation: Introduction-Aligned Documentation System (ADS)-Export documentation in India-Shipping documents. Transport documents - Export promotion measures in India, Preparation of Export documents.

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1.	Khushpat S. Jain	Export Import Procedures & Documentation	Himalaya Publishing House	2011
2	Francis Cherunilam	International Business	PHI Learning Private Ltd	2009
3	P. Subba Rao	International Business	Himalaya Publishing House	2012

Pedagogy:

Chalk and talk, Presentation, Discussion, Assignment, Demonstration, Quiz, Seminar

Course Designers:

1.T.Vijayalaksmi

PROJ	FASHION PORTFOLIO PRESENTATION	Category	L	T	P	Credit
		Skill			90	6

Preamble

To enable students develop a comprehensive portfolio showcasing their professional competencies and skills.

Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Illustrate designs for a theme.	K1
CO2.	Prepare portfolio boards.	K2
CO3.	Develop chart for fabric and designs	K3
CO4	. Design and development of pattern making	K4
CO5	Construct garments as per a theme.	K3
CO6	Examine and embellishment of the garments constructed.	K3

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1.	S	S	S	S	S	M	M	S	L
CO2.	S	S	S	S	M	M	M	S	L
CO3.	S	S	S	S	M	M	M	S	L
CO4	S	S	S	S	M	M	M	M	S
CO5	S	S	S	S	M	S	M	M	S
CO6	S	S	S	S	M	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

Portfolio development and presentation technique;

- To be planned for a season or occasion

- Theme Board
- Mood Board

- Story Board
- Colour Board
- Fabric Board
- Accessories Board
- Illustration
- Photographs

To be presented separately or in a combined form.

- Fabric development chart
- Design development chart
- Final presentation

Number of garments in a collection – 5 garments

Pedagogy:

Chalk and talk, Demonstration, Teaching & hands on practical

Course Designer:

T.Vijayalaksmi

Course Number	BOUTIQUE MANAGEMENT	Category
CF16AC4		Advanced Learners Course

Objective: -

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

UNIT- I

Introduction to boutique management, Skills required to set up a boutique, Identifying target market and customer, Choice of location and space management.

UNIT- II

Infrastructure requirement, Staffing-selection of generalists and specialists, Material sourcing (trims and fabric), Fashion accessories in boutique

UNIT- III

Boutique interior-visual merchandising and store layout, Customer relationship management

UNIT- IV

Boutique marketing tools and promotional kit, Book keeping for boutique and maintaining stock, Project finance, cash control and cash flow analysis

UNIT- V

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

REFERENCE BOOKS:

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