



PSGR Krishnammal College for Women



**DEPARTMENT OF B.VOC GARMENT DESIGNING**

**CHOICE BASED CREDIT SYSTEM &  
OUTCOME BASED EDUCATION SYLLABUS**

**B.VOC GARMENT DESIGNING (B.VOC GD)**

**2020 – 2021 BATCH AND ONWARDS**



## **PROGRAMME OUTCOME - UG**

- P01:** Develop patterns for creative garments by flat pattern hand drafting, draping method, or Computer aided pattern drafting methods.
- P02:** Produce creative garments and export services and learns the business communication and required negotiation skills for Boutique maintenance and management.
- P03:** Embellish and create value added garments.
- P04:** To create portfolio for garment designs manually and using software.
- P05:** Thorough knowledge about the process involved in producing the fabric.
- P06:** To check the quality of the fabric and garment

## **PROGRAMME SPECIFIC OUTCOME**

### **PSO 1:**

Graduates will be employed as Assistant Fashion Designer, Fashion Designer, Export Manager and Boutique Manager with their sector skill certificates level – 4, 5, 6 and 7.

### **PSO 2:**

Graduates are equipped with current industrial trends with 5 internship training during their 6 semesters study period and this will lead jobs as merchandiser, Fashion Designer, Cutting Expert, Laying Expert, Quality Controller and Sewing Supervisor.

### **PSO 3:**

Graduates will be able to provide consultancy services to the garment industry and also boutiques in the areas like Visual Merchandising, Retail Marketing, Buying & Selling.

### **PSO 4:**

Graduates can run training centers for Fashion Illustration, Fashion Designing, Fashion Embroidery, Dyeing & Printing and Entrepreneurial Development.

**DEPARTMENT OF B.VOC GARMENT DESIGNING**

**CHOICE BASED CREDIT SYSTEM & OUTCOME BASED EDUCATION  
SYLLABUS & SCHEME OF EXAMINATION  
B.VOC GARMENT DESIGNING (B.VOC GD) – 2020-2021 BATCH AND  
ONWARDS**

Level 4

Job role: Sewing machine Operator, Hand Embroider

Sem	Part	Subject Code	Title of the paper	Ins Hrs/Week	Contact hrs	Tutorial	Duration of Exam	Exam Marks			Credits
								CA	ESE	Total	
I	I	VTM2001/ VHN2001/ VFR2001	Language Paper I (Tamil,Hindi,French)	3	41	4	3	40	100	100	3(G)*
	II	VEN2001	Communication & Language Skills I	3	41	4	3	40	100	100	3(G)*
	III	VG20A01	Business Communication (Allied)	4	56	4	3	40	100	100	4(G)*
	III	VG20C01	Fundamentals of sewing & machineries – Paper I	4	56	4	3	40	100	100	4(S)**
	III	VG20P01	Basics in Garment Designing –Practical I	7	90	-	3	40	100	100	6(S)**
	III	VG20P02	Surface Ornamentation - Practical II	7	90	-	3	40	100	100	6(S)**
	IV	NME18ES/ NME19B1 NME19A1	Foundation Course (Introduction to Entrepreneurship /Basic Tamil- I/Advanced Tamil-I)	2	26	4	3	10 0			2 (G)*
	III	VGINST1	Internship I	( 60 hours)						100	2(S)**

Level 5

Job Role: Sampling coordinator, Junior Fashion Designer

Sem	Part	Subject Code	Title of the paper	Ins Hrs/ Week	Contact hrs	Tutorial hrs	Duration of Exam	Exam Marks			Credits
								CA	ES E	Total	
II	I	VTM2002/ VHN2002/ VFR2002	Language Paper II (Tamil, Hindi, French)	3	41	4	3	40	100	100	3(G)*
	II	VEN2002	Communication & Language Skills II	3	41	4	3	40	100	100	3(G)*
	III	VG20AP1	Basic illustration and fashion concepts – Allied Practical I	5	60	-	3	40	100	100	4(G)*
	III	VG20C02	Textile Science – Paper II	5	71	4	3	40	100	100	5(S)**
	III	VG20C03	Pattern making and grading- Paper III	5	71	4	3	40	100	100	5(S)**
	III	VG20PO3	Garment Construction -I Practical III	7	90	-	4	40	100	100	6(S)**
	IV		Open Course (Self study Online Course)								Comple tion certifica
	IV		Basic Tamil- II/Advanced Tamil-II) ****							100	Grade
	IV	REG16EE	Effective English Communication	2	26	4	2	50	50	100	2 (G)*
	III	VGINST2	Internship II		( 60 hours)					100	2(S)**

Level 6  
Job role: Export Manager

Sem	Part	Subject Code	Title of the paper	Ins Hrs/ Week	Contact hrs	Tutorial hrs	Duration of Exam	Exam Marks			Credits
								CA	ESE	Total	
III	III	VG19A02	Introduction to accountancy - Allied	3	41	4	3	40	100	100	3(G)*
	III	VG19C04	Concept of fashion and Designers	3	41	4	3	40	100	100	3(G)*
	III	VG19C05	Traditional costumes and textiles of India	4	56	4	3	40	100	100	4(G)*
	IV	NM14VHR	Value Education and Human rights	2	26	4	-	100	-	100	2(G)*
	III	VG19PO4	Draping - Practical	4	60	-	3	40	100	100	4(S)**
	III	VG19PO5	Fashion Illustration- Practical	7	90	-	3	40	100	100	6(S)**
	III	VG19PO6	Garment Construction II - Practical	7	90	-	4	40	100	100	6(S)**
	III	VGINST3	Internship III	( 60 hours)						100	2(S)**

Sem	Part	Subject Code	Title of the paper	Hrs/Week	Contact hrs	Tutorial hrs	Duration of Exam	Exam Marks			Credits
								CA	ESE	Total	
IV	III	VG19A03	Export Management	5	56	4	3	40	100	100	4(G)*
	III	VG19C06	Textile Processing	3	41	4	3	40	100	100	3(G)*
	III	VG19C07	Textile Testing	4	41	4	3	40	100	100	3(G)*
	IV	NM11EVS	Environmental Studies	2	26	4	-	100	-	100	2(G)*
	III	VG19P07	Textile Processing Practical	4	60	-	3	40	100	100	4(S)**
	III	VG19P08	Textile Testing - Practical	6	90	-	3	40	100	100	6(S)**
	III	VG19P09	Garment Construction III – Practical	6	90	-	4	40	100	100	6(S)**
	V	-	Extension Activities NSS/ NCC/ YRC/ Sports and Games/ Ecowatch/ YiNet/ Rotract	-	-	-	-	-	100	100	1(S)*
	III	VGINST4	Internship IV				( 60 hours)			100	2(S)**

Se m	Part	Subject Code	Title of the paper	Ins Hrs/ Week	Contact hrs	Tutorial hrs	Duration of	Exam Marks			Credits
V	III	VG18A04	Fashion Marketing and Merchandising (Allied)	4	41	4	3	40	100	100	3(G)*
	III	VG18C08	Textile Printing Technique	4	41	4	3	40	100	100	4(G)*
	III	VG18C09	Organization of a Garment Unit	4	56	4	3	40	100	100	4(G)*
	IV	NM13IS1	Information Security –level I	2	26	4	-	100	-	100	-
	III	VG18P10	Textile Printing - Practical	4	60	-	3	40	100	100	4(S)**
	III	VG18P11	Computers in Garment Designing – Practical	6	90	-	3	40	100	100	6(S)**
	III	VG18P12	Innovative Garment Construction– Practical	6	90	-	4	40	100	100	6(S)**
	III	VGINST5	Internship V		(120 hours)				100	4(S)**	
			Community service		30 hours				-	-	
VI	III	VG18A05	Fabric Formation Techniques (Allied)	4	56	4	3	40	100	100	4(G)*
	III	VG18C10	Fabric Care and Maintenance	4	56	4	3	40	100	100	4(G)*
	III	VG18C11	Boutique management	4	56	4	3	40	100	100	4(G)*
	III	VG18P13	Ornaments and Accessories (Practical)	4	60	-	3	40	100	100	4(S)**
	III	VG18P14	Computer Aided Garment Designing -Practical	7	90	-	3	40	100	100	6(S)**
	III	PROJ-FPP	Fashion Portfolio & viva voce	7	90	-	3	20	80	100	6(S)**
Total Credits											180

\* General Component

\*\* Skill Component

Note: 1 credit is 15 hrs

Internship 1 credit is 30 hrs

### Bloom's Taxonomy Based Assessment Pattern

#### CA I & II:

Bloom's Category	Section	Marks		Total
Remember (K <sub>1</sub> ,K <sub>2</sub> )	A – 5*2 marks (No Choice)	10	1 or 2 sentences	50
Understand (K <sub>1</sub> ,K <sub>2</sub> )	B - 4 * 5 marks (No Choice)	20	250 words	
Apply, Analyse (K <sub>3</sub> , K <sub>4</sub> )	C – 2 out of 3* 10 marks	20	500 words	

#### END SEMESTER:

Bloom's Category	Section	Marks		Total
Remember (K <sub>1</sub> ,K <sub>2</sub> )	A – 11*2 marks (11 out of 13)	22	1 or 2 sentences	100
Understand ( K <sub>1</sub> ,K <sub>2</sub> )	B – 7 out of 5 *6 marks	30	300 words	
Apply, Analyse (K <sub>3</sub> , K <sub>4</sub> )	C – 4 out of 6* 12 marks	48	600 - 800 words	



## QUESTION PAPER PATTERN

### CORE & ALLIED PAPERS

#### **Continuous Internal Assessment: 50 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: 100 Marks**

SECTION	WORD LIMIT	MARKS	TOTAL
A-11/13 X 2 Marks	One or two sentences	22	100
B - 5/7 X 6 Marks	300	30	
C - 4/6 X 12 Marks	600-800	48	

### CORE & ALLIED PAPERS - PRACTICALS

#### **Continuous Internal Assessment: 40 Marks**

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

#### **End Semester Examination: 100 Marks**

SECTION	MARKS	TOTAL
Record	10	100
Experiments	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: 40 Marks**

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

**INTERNSHIP**

The students have the option to select any organization – Government / private industries like Spinning, Weaving, Printing and Dyeing, Finishing, Construction, etc., in consultation with the staff co-ordinator & HoD. The students have to undergo training for a period of 60 hours at the end of I to IV semester and 120 hours at the end of semester V during their vacation. 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.

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

**PORTFOLIO AND VIVA VOCE**

Each faculty will be allotted 7-8 students. A specific theme will be assigned to the students. The theme will be finalized at the end of IV semester, allowing students to gather relevant designs 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:

- 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

### Internal Assessment: 40 Marks

Review	Mode of Evaluation	Marks	Total
I	Lab Performance	10	40
II	Practical Regularity	15	
III	Practical Models	15	

### External Assessment: 100 Marks

Mode of Evaluation	Marks	Total
<b>Project Report</b>		
Sample of the Garments	30	100
Portfolio Report	20	
Presentation	20	
Viva Voce	30	

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

**Theory**

	CI A I	CI A II	Mode l Exam	Assignmen t/ Class Notes	Semina r	Qui z	Class Participatio n	Librar y Usage	Attendanc e	Max. Mark s
Core / Allied	5	5	6	4	5	4	5	3	3	40
Information Security	40	40		10		10				100

**Practical**

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

## RUBRICS

### Assignment/ Seminar

**Maximum - 20 Marks (converted to 4 marks)**

<b>Criteria</b>	<b>4 Marks</b>	<b>3 Marks</b>	<b>2 Marks</b>	<b>1 Mark</b>
<b>Focus Purpose</b>	Clear	Shows awareness	Shows little awareness	No awareness
<b>Main idea</b>	Clearly presents a main idea.	Main idea supported throughout	Vague sense	No main idea
<b>Organization: Overall</b>	Well planned	Good overall organization	There is a sense of organization	No sense of organization
<b>Content</b>	Exceptionally well presented	Well presented	Content is sound	Not good
<b>Style: Details and Examples</b>	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
<b>Level of Engagement in Class</b>	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	
<b>Listening Skills</b>	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.	
<b>Behavior</b>	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	
<b>Preparation</b>	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.	
					<b>Total</b>	

**MAPPING OF POs WITH COs**

COURSE	PROGRAMME OUTCOMES					
	PO1	PO2	PO3	PO4	PO5	PO6
	<b>COURSE 1 -VG20C01</b>					
CO1	S	S	S	M	L	M
CO2	S	S	M	M	L	M
CO3	M	S	M	M	L	M
CO4	M	M	M	L	S	S
	<b>COURSE 2 – VG20P01</b>					
CO1	M	M	S	S	S	M
CO2	M	S	S	S	M	M
CO3	S	S	M	M	M	M
CO4	S	S	S	M	M	M
CO5	S	S	S	M	S	S
	<b>COURSE 3 – VG20P02</b>					
CO1	M	S	S	M	L	M
CO2	S	S	S	M	L	M
CO3	S	S	S	M	L	M
CO4	S	S	S	M	S	M
CO5	S	S	S	M	M	L
CO6	S	S	S	M	L	L
	<b>COURSE 4 - VG20AP1</b>					
CO1	M	S	S	M	L	M
CO2	S	S	S	M	L	M
CO3	S	S	S	M	L	M
CO4	S	S	L	M	M	L
	<b>COURSE 5 - VG20C02</b>					
CO1	M	M	M	M	S	M
CO2	M	M	M	M	S	M
CO3	M	M	M	M	S	M
CO4	M	M	M	L	S	M
CO5	S	S	S	M	L	M
	<b>COURSE 6 - VG20C03</b>					
CO1	S	S	M	M	M	M
CO2	S	S	M	M	M	M
CO3	S	S	S	S	M	M
CO4	S	S	M	S	S	M
CO5	S	S	M	S	S	M
	<b>COURSE 7 – VG20PO3</b>					
CO1	M	S	S	S	M	M
CO2	S	S	S	S	M	M
CO3	S	S	S	S	M	M
CO4	S	S	S	M	S	M
CO5	M	S <sup>15</sup>	S	M	S	S

	<b>COURSE 8 – VG19C04</b>					
<b>CO1</b>	S	S	S	S	S	M
<b>CO2</b>	S	S	S	S	M	M
<b>CO3</b>	S	S	S	S	M	M
	<b>COURSE 9 – VG19C05</b>					
<b>CO1</b>	S	S	S	S	S	M
<b>CO2</b>	M	S	S	S	S	M
<b>CO3</b>	M	S	S	S	S	M
<b>CO4</b>	S	S	S	S	S	S
	<b>COURSE 10 – VG19P04</b>					
<b>CO1</b>	S	S	S	S	S	M
<b>CO2</b>	S	S	S	S	S	M
<b>CO3</b>	S	S	S	S	S	M
<b>CO4</b>	S	S	S	S	S	M
	<b>COURSE 11 – VG19P05</b>					
<b>CO1</b>	M	S	S	S	M	M
<b>CO2</b>	S	S	S	S	S	M
<b>CO3</b>	S	S	S	S	S	M
<b>CO4</b>	S	M	M	M	S	S
<b>CO5</b>	S	S	S	S	S	M
<b>CO6</b>	S	S	S	S	S	M
	<b>COURSE 12 – VG19P06</b>					
<b>CO1</b>	M	S	S	S	M	M
<b>CO2</b>	S	S	S	S	M	M
<b>CO3</b>	S	S	S	S	S	M
<b>CO4</b>	S	S	S	M	M	M
<b>CO5</b>	S	S	S	M	S	S
	<b>COURSE 13 – VG19A03</b>					
<b>CO1</b>	L	S	L	L	L	L
<b>CO2</b>	L	S	L	L	L	L
<b>CO3</b>	L	S	L	L	L	L
<b>CO4</b>	M	S	L	L	L	S
	<b>COURSE 14 – VG19C06</b>					
<b>CO1</b>	M	M	M	M	S	M
<b>CO2</b>	M	M	M	M	S	S
<b>CO3</b>	M	M	M	M	S	S
	<b>COURSE 15 – VG19C07</b>					
<b>CO1</b>	M	M	M	M	S	S



<b>CO2</b>	M	M	M	M	S	S
<b>CO3</b>	M	M	M	M	S	S
	<b>COURSE 16 – VG19P07</b>					
<b>CO1</b>	M	M	M	M	S	M
<b>CO2</b>	M	M	M	M	S	M
<b>CO3</b>	M	S	S	S	S	M
<b>CO4</b>	M	S	M	M	S	M
	<b>COURSE 17 – VG19P08</b>					
<b>CO1</b>	M	M	M	M	S	S
<b>CO2</b>	M	M	M	M	S	S
<b>CO3</b>	M	M	M	M	S	S
<b>CO4</b>	M	M	M	M	S	M
<b>CO5</b>	M	M	M	M	S	S
	<b>COURSE 18 – VG19P09</b>					
<b>CO1</b>	M	S	S	S	M	M
<b>CO2</b>	S	S	S	S	M	M
<b>CO3</b>	S	S	S	S	M	M
<b>CO4</b>	S	S	S	M	M	M
<b>CO5</b>	S	S	S	M	S	S
	<b>COURSE 19 – VG18A04</b>					
<b>CO1</b>	M	S	M	S	M	M
<b>CO2</b>	M	S	M	S	M	M
<b>CO3</b>	S	M	S	S	S	M
	<b>COURSE 20 – VG18C08</b>					
<b>CO1</b>	M	M	S	S	S	S
<b>CO2</b>	M	M	S	S	S	S
<b>CO3</b>	M	M	S	S	S	S
	<b>COURSE 21 – VG18C09</b>					
<b>CO1</b>	M	S	M	M	S	S
<b>CO2</b>	M	S	M	M	S	M
<b>CO3</b>	M	S	S	M	S	S
<b>CO4</b>	M	S	M	S	M	S
	<b>COURSE 22 – VG18P10</b>					
<b>CO1</b>	M	M	S	S	S	S
<b>CO2</b>	M	M	S	S	S	S
<b>CO3</b>	M	M	S	S	S	S
<b>CO4</b>	S	M	S	S	S	S
	<b>COURSE 23 – VG18P11</b>					
<b>CO1</b>	S	S	S	S	M	M
<b>CO2</b>	S	S	S	S	M	M
<b>CO3</b>	S	S	S	S	M	M
<b>CO4</b>	S	S	S	S	S	S
<b>CO5</b>	S	S	S	S	S	S
	<b>COURSE 24 – VG18P12</b>					
<b>CO1</b>	S	M	S	S	M	M
<b>CO2</b>	S	M	S	S	M	M
<b>CO3</b>	S	M	S	S	M	S

<b>CO4</b>	S	S	S	S	M	M
<b>CO5</b>	S	S	S	S	M	M
<b>CO6</b>	S	S	S	S	M	M
	<b>COURSE 25 – VG18A05</b>					
<b>CO1</b>	M	M	S	S	S	S
<b>CO2</b>	M	M	S	S	S	S
<b>CO3</b>	M	M	S	S	S	S
<b>CO4</b>	M	M	S	S	S	S
	<b>COURSE 26 – VG18C10</b>					
<b>CO1</b>	L	M	M	M	S	S
<b>CO2</b>	L	M	M	M	S	S
<b>CO3</b>	L	M	M	M	S	S
<b>CO4</b>	L	M	M	M	S	S
	<b>COURSE 27 – VG18C11</b>					
<b>CO1</b>	M	S	M	S	M	M
<b>CO2</b>	M	S	M	S	M	M
<b>CO3</b>	S	S	M	S	S	M
<b>CO4</b>	S	S	M	S	S	M
	<b>COURSE 28 – VG18P13</b>					
<b>CO1</b>	M	S	S	S	M	M
<b>CO2</b>	M	S	S	S	M	M
<b>CO3</b>	M	S	S	S	M	M
<b>CO4</b>	M	S	S	S	S	M
	<b>COURSE 29 – VG18P14</b>					
<b>CO1</b>	S	M	S	S	M	S
<b>CO2</b>	S	M	S	S	M	S
<b>CO3</b>	S	M	S	S	M	S
<b>CO4</b>	S	M	S	S	M	S
<b>CO5</b>	S	M	S	S	M	S
	<b>COURSE 30 –PROJ-FPP</b>					
<b>CO1</b>	S	S	S	S	M	S
<b>CO2</b>	S	S	S	S	M	S
<b>CO3</b>	S	S	S	S	M	S
<b>CO4</b>	S	S	S	M	S	S
<b>CO5</b>	S	S	S	M	S	S

VG20C01	FUNDAMENTALS OF SEWING AND MACHINERIES	Category	L	T	P	Credit
		Theory	56	4		4

### Preamble

To impart a thorough knowledge of different types of sewing machines, parts of sewing machine, maintenance of the machine, special attachments, care and maintenance of the machines, safety measures and the common problems that occur in the machine and its remedies.

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1.	Identify the parts of the machine and label it.	K1
CO2.	Describe the function of the sewing machine parts.	K2
CO3.	Find the fault of the machine and rectify it.	K3
CO4.	Analyse the importance of inspection procedure in garment industry	K4

### Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT-I

**12 hrs**

Sewing Machineries- Classification of sewing machines, Types of sewing machines - single and double needle machine, parts functions of single needle machine, Special attachments – various type of presser foot, care and maintenance. Common problems and remedies.

#### UNIT-II

**11 hrs**

Parts of the machines and their functions. Feed mechanisms, Needles, bobbin and bobbin case, loops and loop Spreader, auxiliary hooks, throat plates, take -ups, tension discs, pressure foot and its types.

#### UNIT-III

**11 hrs**

Basics tools for machine maintenance. Different types of cleaning equipment and their use. Lubrication- Purpose of lubrication, oil used for machines, thread lubrication. Common machine problems and the method to rectify.

**UNIT – IV****11 hrs**

Types of problems and identification. Different techniques and defects during stitching and their remedies. The importance of marking and segregating rejects and alterations. Inspection and quality control in garment industry. Inspection procedure for protective garment.

**UNIT – V****11 hrs**

Occupational health and safety measures and methods. Personal protective tools, handling and storage of hazardous substances. Proper disposal system for waste and by-products. Signage related to health and safety and their meaning. Production targets in garment industry.

**Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Mr. Harold Carr and Barbara Latham	The Technology of Clothing Manufacture	Blackwell Science	1994
3	Cooklin Grey,	Introduction to Clothing Manufacture	Blackwell Science	1991
4	<a href="#">Chris Jeffreys</a>	Complete book of sewing	<a href="#">DK Publishing,</a>	2003

**Pedagogy:**

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

**Course Designers:**

V.S.Karpagavalli

<b>VG20P01</b>	<b>BASICS IN GARMENT DESIGNING- PRACTICAL</b>	Category	L	T	P	Credit
		Practical			90	6

### Preamble

To impart thorough knowledge on difference seams, seam finishes, gathering, fullness, neck finishes placket, fastness, sleeve, yokes, collars and all the details of the garment.

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Demonstrate - operating, cleaning and oiling of sewing machine	K3
CO2	Illustrate the parts of the garment.	K2
CO3	Construct the miniature of the parts of the garment.	K3
CO4	Apply the suitable accessories in the miniature garment	K3
CO5	Prepare samples for various parts of the garment	K3

### Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

1. Demonstrating- operating, cleaning and oiling of sewing machine. **2 hrs**
2. Demonstration on sewing problem & remedies. **3 hrs**
3. 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. **5 hrs**
4. 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**

5. Preparation of samples for facing and binding- bias facing, shaped facing and binding.	<b>10 hrs</b>
6. Preparation of samples for plackets and fasteners- continuous bound, Two-piece placket, zipper, tailored placket, button and buttonhole, Hook and eye, press button.	<b>10 hrs</b>
7. Preparation of samples for sleeves- plain sleeve, puff sleeve, raglan sleeve.	<b>10 hrs</b>
8. Preparation of samples with yoke- partial yoke, simple yoke and yoke supporting fullness.	<b>10 hrs</b>
9. Preparation of samples for collar- Peter Pan collar, shirt collar and shawl collar.	<b>10 hrs</b>
10. Preparation of samples for pocket- patch pocket, bound pocket and side pocket.	<b>10 hrs</b>
11. Preparation of sample for mask – pleated mask, padded mask	<b>10 hrs</b>

### **Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

### **Course Designers:**

V.S.Karpagavalli

<b>VG20P02</b>	<b>SURFACE ORNAMENTATION- PRACTICAL</b>	Category	L	T	P	Credit
		Practical			90	6

### Preamble

To impart thorough knowledge on surface embellishments of the garments.

### 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	Prepare samples of embellishment.	K3
CO3	Apply suitable embellishment in the miniature garment.	K3
CO4	Develop their own designs using embellishments.	K3
CO5	Identify suitable stitches for embroidery designs.	K4
CO6	Distinguish between manual work and machine for embellishments.	K4

### Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

Prepare samples for the following

- |  |              |
|--|--------------|
| 1. Hand embroidery - 15 stitches and fancy embroideries – 5 stitches | <b>8 hrs</b> |
| 2. Machine Embroidery- 9 stitches - 3 samples.                       | <b>8 hrs</b> |
| 3. Applique- 3 types– hand, machine and iron applique                | <b>8 hrs</b> |
| 4. Smocking -3types  | <b>8 hrs</b> |
| 5. Tatting and application of laces                                  | <b>8 hrs</b> |
| 6. Bead Work -1 sample   | <b>8 hrs</b> |
| 7. Sequins work -1 sample  | <b>7 hrs</b> |
| 8. Zardosi work -1 sample  | <b>7 hrs</b> |
| 9. Belts & Bows – any 2 types.                                       | <b>7 hrs</b> |
| 10. Mirror & Stone work -1 sample                                    | <b>7 hrs</b> |

- 11. Patch work & Quilting
- 12. Tassels and fringes

**7 hrs**  
**7 hrs**

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designers:**

V.S.Karpagavalli



VG20AP1	BASIC ILLUSTRATION AND FASHION CONCEPTS – PRACTICAL	Category	L	T	P	Credit
		Practical			60	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	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	Develop colour harmony in garment designs.	K4

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	S	S	M	L	M
CO2	S	S	S	M	L	M
CO3	S	S	S	M	L	M
CO4	S	S	L	M	M	L

S- Strong; M-Medium; L-Low

### Syllabus

- Effects in lines dots, checks and curves with 3D effects **6 hrs**
- Enlarging and reducing motifs. **6 hrs**
- Illustrating collection of accessories ornaments, hat, handbags, Shoes, gloves, coolers and masks. **6 hrs**
- Illustrating pattern details pockets, sleeves, yokes, skirts, trousers, top etc... **6 hrs**
- Illustrating details of pleats, ruffles, shearing, smocking, shuffle etc... **6 hrs**
- Illustrating human figure in proportion using 8 head theory –stick figure, Fleshy figure. **6 hrs**
- Preparation of colour theories-prang colour chart, value, intensity. **6 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, Triad colour harmony and Tetrad **6 hrs**
- Application of elements of design in garments-line, colour, texture, shape, size. **6 hrs**
- Application of principles of design in garments- Harmony, Emphasis, Proportion, Rhythm, Balance. **6 hrs**

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designers:**

V.S.Karpagavalli

<b>VG20C02</b>	<b>TEXTILE SCIENCE</b>	Category	L	T	P	Credit
		Theory	71	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	Identify the textile fiber	K1
CO2	Understand the properties and manufacturing process for different fibers	K2
CO3	Classification of yarns	K2
CO4	Analysis process of weaving	K4
CO5	Analysis process of other fabrication methods	K4

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	M	M	M	S	M
CO2	M	M	M	M	S	M
CO3	M	M	M	M	S	M
CO4	M	M	M	L	S	M
CO5	S	S	S	M	L	M

S- Strong; M-Medium; L-Low

### Syllabus

#### Unit I

**15 hrs**

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

**14 hrs**

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

**Unit III****14 hrs**

Definition and Sequential process of spinning -Blending, opening, cleaning, doubling, carding, drawing, roving, spinning. Classification of yarn – Simple 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, Fancy weaves- pile, double cloth, leno, swivel, dobby and jacquard.

**Unit V****14 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, fusing, bonding, lamination, braiding.

**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	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

**Pedagogy:**

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

**Course Designers:**

V.S.Karpagavalli

VG20C03	PATTERN MAKING AND GRADING	Category	L	T	P	Credit
		Theory	71	4		5

### Preamble

To familiarize the students with drafting patterns, pattern grading, pattern alteration 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	Develop blouse patterns with good fit	K4
CO4	Describe pattern alteration and grading	K4
CO5	Identify the design and analysis the layout	K4

### Mapping with Programme Outcomes

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

**Pedagogy:**

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

**Course Designers:**

V.S.Karpagavalli

VG20PO3	GARMENT CONSTRUCTION -I PRACTICAL	Category	L	T	P	Credit
		Practical			90	6

### Preamble

To familiarize the students with designing, drafting and construction of 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.	Create design variation	K3
CO3	Develop suitable pattern for the garments.	K4
CO4	Construct garments with suitable designs	K4
CO5	Manipulate the patterns with various designs	K2

### Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

Designing, drafting and constructing the following garments.

1. Bib & Panty- Variations in shapes. 5 hrs
2. Gloves. 5 hrs
3. Baba suit. 10 hrs
4. Zabra- with or without sleeve, front open 10 hrs

5. A line petticoat with darts.	12 hrs
6. Saree petticoat -6 panel or 8 panel	12 hrs
7. Skirt- plain / umbrella/panel.	12 hrs
<b>8. Ladies shortkurtha with different designs.</b>	<b>12 hrs</b>
<b>9. Salwar or Churithar</b>	<b>12 hrs</b>

**WEB REFERENCES:**

**1.Ladieskurtha-** <https://www.pinterest.com/AlexandrBondarenkoPIN/kurti-design>

**2. Salwar -** <https://www.utsavfashion.in/salwar>

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designers:**

V.S.Karpagavalli



<b>VG19A02</b>	<b>INTRODUCTION TO ACCOUNTANCY</b>	Category	L	T	P	Credit
		Theory	41	4		3

### Preamble

1. To familiarise the students with accounting as a tool for management of any business.
2. To acquaint the students with basic concepts of accounting, accounting standards and basic accounting framework.
3. To develop the skills within the students on Business organization

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Examine the concepts and conventions of accounting practices	K1
CO2	Classify the subsidiary books and interpret final accounts	K2
CO3	Develop the skills in Business organisation and its legal forms	K3

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5
CO1	M	S	M	M	M
CO2	M	S	M	M	M
CO3	M	S	M	M	M

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT I

**8hrs**

Meaning, Nature & Scope of Accounting - Fundamentals of book keeping Rules of accountancy - Importance of accounting - Accounting concepts and conventions - double entry system - advantages - difference between double entry and single entry.

#### UNIT II

**8 hrs**

Journal & ledger - Subsidiary books - purchase book , sales book, purchase returns book, sales returns book .and cash book.

#### UNIT III

**9hrs**

Cash book- Single, double and triple column cash book. Preparation of trail balance.

#### UNIT IV

**8hrs**

Final accounts of a sole trader - trading and profit and loss A/C and balance sheet with simple adjustments.

**UNIT V****8 hrs**

Nature and objectives of business - legal forms of business of ownership – sole trader, partnership, company and co-operative societies - advantages and limitations.

**Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Reddy.T.S&A.Murthy	Financial Accounting	Margham Publications	Reprint 2015
2	N Vinayagam, P L Main, K L Nagarajan	Principles of accountancy	Sultan Chand & Sons	2007 fifth edition
3	DinkerPagare	Business management	Sultan Chand & Sons	2013Eighteenth revised edition
4	Y K Bhushan	Business Organization and management	Sultan Chand & Sons	2013 nineteenth revised edition

**Pedagogy:**

Presentation, Discussion, Seminar, Quiz, Practice

**Course Designers:**

1. Mrs.P.Shanthipriya
- 2.Dr. P. Aishwarya

<b>VG19C04</b>	<b>CONCEPT OF FASHION AND DESIGNERS</b>	Category	L	T	P	Credit
		Theory	41	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 Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Define fashion, fashion terms and concepts.	K1
CO2	Describe Fashion Cycle.	K2
CO3	Forecasting fashion trends.	K3

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	S	S	S	S	M
CO2	S	S	S	S	M	M
CO3	S	S	S	S	M	M

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT-I

**8 hrs**

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.

#### UNIT-II

**8 hrs**

Fashion evolution – Fashion cycles, length of cycles, consumer groups in fashion cycles – fashion leaders, fashion innovators, fashion motivation, fashion victim, fashion followers. Fashion centers in India. Boutique fashion designers in different state of India.

**UNIT-III****8 hrs**

Adoption of Fashion – trickle down, trickle up and trickle across theory. Fashion forecasting – market research, evaluating the collection. Fashion services and resources - Fashion services, color services, video services, news letter services, web sites, directories and references. Design- historic and ethnic costumes.

**UNIT-IV****9 hrs**

Understanding fashion designer – types – classicist, idealist, influences, realist and thinking poet. Haute couture - Indian Fashion designers – **Manish Malhotra, Wendell Rodricks, Abu Jani and Sandeep Khosla, Tarun Tahiliani, JJ Valaya, Rina Dhaka, Manish Arora , RohitBal, RituBeri, Ritu Kumar ,** Omi Gurung, Shilpa Reddy, Vikram Phadnis, Neeta Lulla, Erum Ali, Payal Jain and other new fashion designers.

**UNIT-V****8 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 and other new world fashion designers.

**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.	1991
2	Gini Stephens Frings	Fashion –From concept to consumer	prentice Hall,6th edition	1999
3	Bennett, Coleman & o	Inside the fashion business	Mumbai	1998
4	Harriet T, McJimsey	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:**

V.S.Karpagavalli

VG19C05	TRADITIONAL COSTUMES AND TEXTILES OF INDIA	Category	L	T	P	Credit
		Theory	56	4		4

### Preamble

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

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Identify the Traditional Textiles of India.	K1
CO2	Associate woven, printed and embroidery textiles of India.	K2
CO3	Elaborate on various techniques of Indian traditional costumes.	K3
CO4	Determine on various traditional embroideries of India	K4

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	S	S	S	S	M
CO2	M	S	S	S	S	M
CO3	M	S	S	S	S	M
CO4	S	S	S	S	S	S

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT-I

11hrs

Beginning of Costume, Growth of Dress out of painting, cutting etc..., Study of dyed and printed textiles of India –Bhandhani, patola, ikkat, kalamkari- in all the above types and techniques used. Study of woven textiles of India – Dacca Muslin, Banarasi/ Chanderi brocades, baluchar, himrus and amrus, Kashmir shawls, pochampalli, Silk sarees of Kancheepuram.

#### UNIT-II

11 hrs

Costumes of India – Traditional Costume and textiles of different States of India Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Assam, Orrisa, Uttarkhad.

**UNIT-III****11 hrs**

Traditional Costume and textiles of different States of India- Bihar, Mizoram, Nagaland, West Bengal, Maharashtra, Rajasthan, Haryana, Manipur.

**UNIT-IV****11 hrs**

Traditional Costume and textiles of different states of India -Himachal Pradesh, Uttarpradesh, Jammu and Kashmir, Gujarat, Madhyapradesh, Tripura, Meghalaya.

**UNIT-V****12hrs**

Traditional embroideries of India – Origin, Embroidery stitches used –embroidery of Kashmir, Phulkari of Punjab, Gujarat – Kutch and Kathiawar, embroidery of Rajasthan, Kasuti of Karnataka, Chickenwork of Lucknow, Kantha of Bengal – in all the above – types and colours of fabric /thread.

**Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1	G.H Ghosrye	Indian Costume	Popular books Pvt Ltd	1951
2	JamilaBrij Bhushan	The costumes and textiles and India	D B Taraporevala Sons & Co, Bombay	1958
3	DorrisFlyn	Costumes of India	Oxford &IBH Publishing Co ,Delhi	1971
4	Das S.N	Costumes of India and Pakistan	DB Taraporevala Sons and co, Bombay	1956

**Pedagogy:**

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

**Course Designers:**

V.S.Karpagavalli

<b>VG19PO4</b>	<b>DRAPING - PRACTICAL</b>	Category	L	T	P	Credit
		Practical			60	4

### 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 Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	To know the various components of the garment and learn the preparation of fabric.	K1
CO2	Illustrate the design for draping.	K2
CO3	To create the components of the garment using draping technique.	K3
CO4	Experiment various garment designs using draping method.	K4

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	S	S	S	S	M
CO2	S	S	S	S	S	M
CO3	S	S	S	S	S	M
CO4	S	S	S	S	S	M

S- Strong; M-Medium; L-Low

### Syllabus

1. Introduction to draping and dress forms	<b>2 Hrs</b>
2. Draping basic front and back	<b>5 Hrs</b>
3. Draping Sleeves- Basic sleeve, Raglan sleeve.	<b>11 Hrs</b>
4. Draping collars- Peter pan, Mandarin and Shirt Collar	<b>9 Hrs</b>
5. Draping yokes - Shirt yoke, Skirt yoke and midriff yoke	<b>11 Hrs</b>
6. Draping basic skirts –Plain skirt, Pleated skirt and Flare skirt	<b>11 Hrs</b>
7. Draping Innovative full garment	<b>11 Hrs</b>

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designers:**

V.S.Karpagavalli



<b>VG19PO5</b>	<b>FASHION ILLUSTRATION – PRACTICAL</b>
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Category	L	T	P	Credit
Practical			90	6

### Preamble

The students will be able to gain knowledge and develop the skill of sketching and fashion designs.

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate the fabric textures and design.	K2
CO2	Prepare flat sketches for children, women and men's garments.	K3
CO3	Develop the garments design using fashion figures.	K3
CO4	Analyse normal figure into fashion figure.	K4
CO5	Prepare flat sketches for children, women and men's garments.	K3
CO6	Develop own garment designs.	K3

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	S	S	S	M	M
CO2	S	S	S	S	S	M
CO3	S	S	S	S	S	M
CO4	S	M	M	M	S	S
CO5	S	S	S	S	S	M
CO6	S	S	S	S	S	M

S- Strong; M-Medium; L-Low

### Syllabus

1. Rendering of fabric textures and fabric drapes using different media – colour pencils, marker pens, water colour, poster colours and drawing ink. **9 hrs**
2. Illustrating children – Boy and girl in Front view, Back view, Side view **9 hrs**
3. Illustrating Women in Front view, Back view, Side view **9 hrs**

4. Illustrating Men in Front view, Back view, Side view	9 hrs
5. Analyzing a normal figure into fashion figure –men and women	9 hrs
6. Create flat sketches for children – Boy / Girl - Casual wears, Night Wear and Picnic wear with back ground	9 hrs
7. Designing flat sketches for women - lingerie wear with back ground	9 hrs
8. Creating garments design for office wear/ sportswear/ party wear for Men or women with back ground	9 hrs
9. Creating a garments for different seasons for Men/Women/ Children with back ground	9 hrs
10. Create fashion illustration from photographs.	9 hrs

### **Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

### **Course Designers:**

V S Karpagavalli

<b>VG19PO6</b>	<b>GARMENT CONSTRUCTION II-PRACTICAL</b>	Category	L	T	P	Credit
		Practical			90	6

### Preamble

Imparts advanced technical skills required for designing, pattern making, cutting 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.	K2
CO2	Draft the patterns for the design.	K3
CO3	Construct the garment as per the design.	K3
CO4	Construct garments with various designs	K4
CO5	Practice their work with various designs	K2

### Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

1. Yoke frock- yoke at chest line, with open, puff sleeve, gathered Skirt **10hrs**
2. Summer frock- with suspenders at shoulder line, without sleeve /collar **10hrs**
3. Pyjama – Elastic / Tape attached waist **10hrs**
4. Nightie –With yoke, front open, with sleeve, full length. **15hrs**
5. Ladies pant- waist band, zip attached, tight fitting / parallel pants. **15hrs**

6. T-Shirt – open collar, zip attached.

**15hrs**

7. Bermudas –patch pocket.

**15hrs**

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designers:**

V.S.Karpagavalli

<b>VG19A03</b>	<b>EXPORT MANAGEMENT</b>	Category	L	T	P	Credit
		Theory	56	4		4

### 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	Examine quality inspection procedure in garment and textile industry	K4

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	L	S	L	L	L	L
CO2	L	S	L	L	L	L
CO3	L	S	L	L	L	L
CO4	M	S	L	L	L	S

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT- I

**11 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

**11 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****11 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****11 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****12 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. Export Association in garment industry.

**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. SubbaRao	International Business	Himalaya Publishing House	2012

**Pedagogy:**

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

**Course Designers:**

V.S.Karpagavalli

<b>VG19C06</b>	<b>TEXTILE PROCESSING</b>	Category	L	T	P	Credit
		Theory	41	4		3

### Preamble

To gain knowledge on the preparatory process. To study about dyes, dyeing and printing methods. To know about the different finishes.

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Define the term used in wet process.	K1
CO2	Describe the stages and methods of dyeing, printing and finishing.	K2
CO3	Explain the procedure involved in the process of dyeing, printing and finishing.	K3

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	M	M	M	S	M
CO2	M	M	M	M	S	S
CO3	M	M	M	M	S	S

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT I

**8 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

**8 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****9 Hrs**

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****8 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****8 Hrs**

Wet processing of knitted fabric – Scouring – Bleaching dyeing – printing calendering. Shrink controlling - steaming. Wet processing of polyester, Nylon, Silk, wool and their blends. Finishing – Conventional finishes.

**Reference Books**

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

**Pedagogy:**

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

**Course Designers:**

V S Karpagavalli



VG19C07	TEXTILE TESTING	Category	L	T	P	Credit
		Theory	41	4		3

### Preamble

To study the physical properties of textiles. To gain knowledge on various testing equipments used in the textile industry.

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	List the fiber, yarn, and fabric testing methods.	K1
CO2	Describe the testing methods.	K2
CO3	Illustrate and explain the procedure involved in testing procedure.	K3

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	M	M	M	S	S
CO2	M	M	M	M	S	S
CO3	M	M	M	M	S	S

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT I

8 Hrs

Definition and its influence on fiberproperties, Standard atmospheric condition, Standard testing atmosphere. Standard regain, Moisture content and regain. Measurement of atmospheric condition – wet and dry bulb Hygrometer and sling Hygrometer.

#### UNIT II

8 Hrs

Fiber Testing: Fiber length – Bear sorter and Fibrograph, Fiber strength – Stelometer, Fiber fineness – Micronaire, Fiber maturity, Trash content - Trash analyzer.

**UNIT III****9 Hrs**

Yarn Testing: Determination of yarn count – quadrant & Beesley balance. Twist – Measurement of twist, Twist effect on fabric properties. Strength of yarn-Single yarn strength tester. Crimp – Shirley crimp tester. Yarn appearance tester. Evenness – Uster Evenness tester, Hairiness – Uster Hairiness tester.

**UNIT IV****8 Hrs**

Fabric Testing: Fabric strength tester – Tensile strength, tearing strength & bursting strength. Abrasion – Types of abrasion – pilling – Martindale pill box tester.

**UNIT V****8 Hrs**

Drape -Drape meter, Fabric stiffness - Shirley stiffness Tester, colourfastness, crease recovery – Shirley crease recovery tester, Air permeability, Flame retardant.

**Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1	J.E. Booth	Principles of textile testing	C.B.S., publishers & distributors, New Delhi	1996
2	Sabville B.P.	Physical Testing of Textiles	Wood head Publishing Ltd., Cambridge.	1999

**Pedagogy:**

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

**Course Designers:**

V S Karpagavalli

<b>VG19P07</b>	<b>TEXTILE PROCESSING - PRACTICAL</b>	Category	L	T	P	Credit
		Practical			60	4

### Preamble

To enable the students to create and dye material.

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	List the dyes used for dyeing	K2
CO2	Estimate the dyes and chemicals required for dyeing.	K3
CO3	Prepare the dyed sample and explain the procedure	K3
CO4	Identify the suitable dye for given sample	K4

### Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	M	M	M	M	S	M
CO2	M	M	M	M	S	M
CO3	M	S	S	S	S	M
CO4	M	S	M	M	S	M

S- Strong; M-Medium; L-Low

### Syllabus

Preparation of samples for Processing

- Desizing **3 hrs**
- Scouring **3 hrs**
- Bleaching **6 hrs**
- Mercerizing **6 hrs**

Dye the given fabric using suitable dye

- Direct Dye **7hrs**
- Disperse Dyes **7hrs**
- Reactive Dyes **7hrs**
- Acid Dyes **7 hrs**
- Basic Dyes **7hrs**

- Vegetable Dyes (any three)

**7hrs**

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designers:**

V S Karpagavalli

<b>VG19P08</b>	<b>TEXTILE TESTING - PRACTICAL</b>	Category	L	T	P	Credit
		Practical			90	6

### Preamble

To enable the students to gain practical knowledge in testing and its application in the industry.

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Identify the fibers	K2
CO2	Describe the methods of testing.	K3
CO3	Examine the fabric and explain the procedure used for testing.	K3
CO4	Determine the various properties of the fabric.	K4
CO5	Find out different type of testing methods for yarn and fabric.	K3

### Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

Identification of textile fibres Fibres – Cotton, Silk, Wool, Nylon, Polyester, Linen, Rayon, Jute.

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

Testing of yarns/ fabrics

1. Counting of the yarn using wrap reel.

**9 hrs**

2. Counting of the yarn using beesley's balance.	<b>9 hrs</b>
3. Twist of the yarn using twist tester.	<b>9 hrs</b>
4. Determining the weight of the fabric.	<b>9 hrs</b>
5. Determining the fabric count by	<b>9 hrs</b>
a. Raveling method	
b. Pick Glass method	
6. Course length and loop length of knitted fabric.	<b>9 hrs</b>
7. Colour fastness to water.	<b>9 hrs</b>
8. Test of Shrinkage.	<b>9 hrs</b>
9. Test of Absorbency.	<b>9 hrs</b>
10. Determination of Tensile Strength of the given Fabric.	<b>9 hrs</b>

### **Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

### **Course Designers:**

V S Karpagavalli

<b>VG19P09</b>	<b>GARMENT CONSTRUCTION - III - PRACTICAL</b>	Category	L	T	P	Credit
		Practical			90	6

### Preamble

To impart knowledge to draw the Designing and pattern making, cutting and construction of the garments

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Design the design of the garment	K2
CO2	Draft the flat sketch of the garment	K3
CO3	Construct the garment as sketched.	K3
CO4	Construct garments with various designs	K4
CO5	Practice their work with various designs	K2

### Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

- |  |               |
|--|---------------|
| 1. Midi and Tops   | <b>10 hrs</b> |
| 2. S.B.Vest – with/ without collar, button attached, sleeveless. | <b>10 hrs</b> |
| 3. Slack shirt – full open, shirt collar, patch pocket.          | <b>10 hrs</b> |
| 4. Apron – patch pocket with cord                                | <b>10 hrs</b> |

- |  |               |
|--|---------------|
| 4. Nehru kurtha –stand collar, side pocket, half open.                                   | <b>10 hrs</b> |
| 5. Blouse- front open, fashioned neck, Waist band at front, with sleeves.                | <b>10 hrs</b> |
| 6. Pleated trousers – Pleats in front, Darts at back, side pocket, fly with button /zip. | <b>15 hrs</b> |
| 7. Lehanga   | <b>15 hrs</b> |

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designers:**

V S Karpagavalli



<b>VG18A04</b>	<b>FASHION MARKETING AND MERCHANDISING</b>	Category	L	T	P	Credit
		Theory	41	4		3

### Preamble

To impart knowledge on Marketing & Merchandising. To make students gain an in depth knowledge of fashion Visual merchandising. To familiarize the students the concept and process of Market Research and their application in appropriate situation in fashion industry. To enable student to develop market research strategies in competitive environment

### 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 Fashion Marketing, Advertising & Visual merchandising.	K2
CO3	Explain the procedure involved in conduct a fashion show.	K3

### Mapping with Programme Outcomes

COs	P01	P02	P03	P04	P05	P06
CO1	M	S	M	S	M	M
CO2	M	S	M	S	M	M
CO3	S	M	S	S	S	M

S- Strong; M-Medium; L-Low

### Syllabus

#### Unit - I

**8 Hrs**

Meaning and classification of Marketing, fashion Marketing, fashion Market – Size and Structure, Marketing environment – Micro and macro environment, Trends in marketing environment. Marketing Function – Assembling, standardization and Grading and packaging, product planning and development, importance of fashion products. The Fashion industry and new product development, product mix and range planning, Fashion and related cycles.

#### Unit -II

**8 Hrs**

Fashion Advertising and preparation of advertising for apparel market. Fashion sales promotional programme for apparel marketing, communication in promotion, Personal selling, point of purchase, sales promotion. Pricing policies and strategies for apparel products. Influencing pricing- internal and external, pricing strategies for new products, Methods of setting prices.

**Unit – III****9 Hrs**

Introduction to Merchandising, Understanding fashion Merchandising, Scope of Merchandising, Fashion merchandising terminology, Role of Merchandiser, Types of Merchandising - Export House - manufacturer - Buying house, Buying Agency - Selection of Buyer's & Buying Agency

**Unit - IV****8 Hrs**

Pre-buying Activity, Fabric types, properties and Behavior, selection of Fabric, Garment Construction, Quality requirements; quality problems. Merchandiser's role after production, delivery date extension, transport delays. Importance of costing in textile industry fabric to shipping.

**Unit - V****8 Hrs**

Visual Merchandising. Marketing analysis - Advertising and Media Planning, Fashion shows and other events, Industry tour and Project. Surveys and organizing of exhibitions

**Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Harold Carr and John Pomeroy	Fashion Design and Product Development	Black well Science Inc, Cambridge	1992
2	Patrick John	Introduction to Fashion, Patrick John	B T Batsford Ltd,	1992
3	Munard H H and Davidson W R	Principles of marketing	Ronald Press Company	1970
4	Mike Easey	Fashion marketing	Black well Science Ltd	1995

**Pedagogy:**

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

**Course Designer:**

V S Karpagavalli

<b>VG18C08</b>	<b>TEXTILE PRINTING TECHNIQUE</b>	Category	L	T	P	Credit
		Theory	41	4		3

### 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	P01	P02	PO3	PO4	PO5	PO6
CO1	M	M	S	S	S	S
CO2	M	M	S	S	S	S
CO3	M	M	S	S	S	S

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 screenprinting 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 – Equipment required, process, sequence and techniques used.

**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:**

V.S.Karpagavalli

<b>VG18C09</b>	<b>ORGANISATION OF GARMENT UNIT</b>	Category	L	T	P	Credit
		Theory	56	4		4

### 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 organisation of a garment unit	K3
CO4	Demonstrate fashion design and layout of a garment industry	K3

### Mapping with Programme Outcomes

COs	P01	P02	PO3	PO4	PO5	PO6
CO1	M	S	M	M	S	S
CO2	M	S	M	M	S	M
CO3	M	S	S	M	S	S
CO4	M	S	M	S	M	S

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT-I

**11 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

**11hrs**

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

**UNIT-III****11hrs**

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****11 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****12 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. Process involved in buying house.

**Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Dinakarpagare	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:**

V S Karpagavalli

<b>VG18P10</b>	<b>TEXTILE PRINTING -PRACTICAL</b>	Category	L	T	P	Credit
		Practical			60	4

### 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
<b>CO1</b>	List out the different types of printing	K1
<b>CO2</b>	Describe the techniques used in different printing methods	K2
<b>CO3</b>	Explain the procedure of different types of printings	K3
<b>CO4</b>	Produce different types of printing samples.	K3

### Mapping with Programme Outcomes

COS	P01	P02	PO3	PO4	PO5	PO6
<b>CO1</b>	M	M	S	S	S	S
<b>CO2</b>	M	M	S	S	S	S
<b>CO3</b>	M	M	S	S	S	S
<b>CO4</b>	S	M	S	S	S	S

S- Strong; M-Medium; L-Low

### Syllabus

1. Create design and prepare a sample with Block printing – Vegetable/ wooden blocks. **12 hrs**
2. Create design and prepare a sample for Chest print/ Neck /Yoke designs with Stencil printing. **12hrs**
3. Create design and prepare a sample with Tie and Dye designs - any three methods with single/ double/ multi colors. **12 hrs**
4. Create design and prepare a sample with Batik printing - any three methods with single/ double/ multi colors. **12hrs**
5. Create design and prepare a sample using Screen printing methods. **12hrs**

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designer:**

V.S.Karpagavalli



<b>VG18P11</b>	<b>COMPUTERS IN GARMENT DESIGNING - PRACTICAL</b>	Category	L	T	P	Credit
		Practical			90	6

### Preamble

To develop skill on garment designing using computers.

### Course Outcomes

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

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

### Mapping with Programme Outcomes

COS	P01	P02	PO3	PO4	PO5	PO6
<b>CO1</b>	S	S	S	S	M	M
<b>CO2</b>	S	S	S	S	M	M
<b>CO3</b>	S	S	S	S	M	M
<b>CO4</b>	S	S	S	S	S	S
<b>CO5</b>	S	S	S	S	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 and 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/Basketball/football / Golf(men and Women).
  - Fashion show – Children/ men / women
  - Winter Wear - Children/ men / women
  - Summer Wear - Children/ men / women
  - Spring Wear - Children/ men / women
  - School uniforms –Girl child and boy child

### **Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

### **Course Designer:**

V.S.Karagavalli

VG18P12	INNOVATIVE GARMENT CONSTRUCTION- PRACTICAL	Category	L	T	P	Credit
		Practical			90	6

### Preamble

To impart the knowledge to create innovative designs in the garment using colour, design and fabric textures and colour theory and principles of designs

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Illustrate garment design	K1
CO2	Draft the patterns for the design	K2
CO3	Construct the garments as per the design	K3
CO4	Construct recent fashion garments as per design	K3
CO5	Construct party wear garment as per design	K3
CO6	Design and construct the bridal garment	K5

### Mapping with Programme Outcomes

COs	P01	P02	P03	P04	P05	P06
CO1	S	M	S	S	M	M
CO2	S	M	S	S	M	M
CO3	S	M	S	S	M	S
CO4	S	S	S	S	M	M
CO5	S	S	S	S	M	M
CO6	S	S	S	S	M	M

S- Strong; M-Medium; L-Low

## **Syllabus**

- |   |               |
|---|---------------|
| 1. Design and construct Children's garment of recent fashion- Boy & Girl        | <b>15 hrs</b> |
| 2. Design and construct Women's garment of recent fashion- knitted & woven      | <b>15 hrs</b> |
| 3. Design and construct Men's garment of recent fashion- knitted & woven        | <b>15 hrs</b> |
| 4. Design and construct garment for a Western wear – men/women                  | <b>15 hrs</b> |
| 5. Design and construct garment for a Fashion Show based on a theme - men/women | <b>15 hrs</b> |
| 6. Design and construct a Bridal/Party wear – men/women                         | <b>15 hrs</b> |

## **Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

## **Course Designers:**

V.S.Karpagavalli

<b>VG18A05</b>	<b>FABRIC FORMATION TECHNIQUES</b>	Category	L	T	P	Credit
		Allied	56	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
<b>CO1</b>	Define weaving and knitting.	K1
<b>CO2</b>	Explain about different types of weaving and knitting.	K2
<b>CO3</b>	Analysis of weaving and knitting structure, defects and analysis	K3
<b>CO4</b>	Analysis non woven fabric structures, defects and analysis	K3

### Mapping with Programme Outcomes

COs	P01	P02	PO3	PO 4	PO 5	PO 6
<b>CO1</b>	M	M	S	S	S	S
<b>CO2</b>	M	M	S	S	S	S
<b>CO3</b>	M	M	S	S	S	S
<b>CO4</b>	M	M	S	S	S	S

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT-I

**11 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****11 hrs**

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

**UNIT-III****12 hrs**

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

**UNIT-IV****11 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****11 hrs**

Introduction to Non- wovens, Basic methods and types of Non-woven, identification of non-woven. Defects analysis of Nonwoven fabric – causes and remedies.

**Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Kanungo R.N Cotton	Yarn Weaving	Textile Association India, Ahmedabad	1980
2	Grosichkli Z Newness	Watson's advanced textile design	Butterworths, London	1989
3	Corbmann B P	Textiles – fibre to fabric	International students' edition	1985

**Pedagogy:**

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

**Course Designer:**

V S Karpagavalli

<b>VG18C10</b>	<b>FABRIC CARE AND MAINTENANCE</b>	Category	L	T	P	Credit
		Theory	56	4		4

### Preamble

To impart the knowledge about laundering techniques. To about soap manufacturing and awareness of stains and stain removals.

### 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	Explain the procedure involved in removing different stains on fabric	K2
CO3	Categories the fabrics for laundering methods	K3
CO4	Classify special types of laundry methods.	K2

### Mapping with Programme Outcomes

COs	P01	P02	PO3	PO4	PO5	PO6
CO1	L	M	M	M	S	S
CO2	L	M	M	M	S	S
CO3	L	M	M	M	S	S
CO4	L	M	M	M	S	S

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT-I

**11 hrs**

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 and disadvantages of detergents.

#### UNIT-II

**11 hrs**

Finishes – Stiffening Agents – Starch (cold water and hot water), other stiffening agents, preparation of starch. Laundry blues, their application. Care labels – washing, bleaching, Drying, ironing and different placements of label in garments.

**UNIT-III****11 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****11 hrs**

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, woolens, colored fabrics, silks, rayon and nylon. Laundering of protective clothes.

**UNIT-V****12 hrs**

Special types of Laundry – water proof coats, silk ties, leather goods, furs, plastics, lace. Dry cleaning – using absorbents, 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.

**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	SusheelaDantyagi	Fundamentals of Textiles and their Care	Orient Longmann Ltd	1980
3	DurgaDuelkar	Household Textiles and Laundry Work	Amla Ram & Sons, Delhi.	

**Pedagogy:**

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

**Course Designer:**

V S Karpagavalli



VG18C11	BOUTIQUE MANAGEMENT	Category	L	T	P	Credit
		Theory	56	4		4

### Preamble

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

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
CO1	Define Boutique Management, set up a boutique	K1
CO2	Describe Boutique interior-visual merchandising and store layout	K2
CO3	Boutique visit and Boutique project report	K3
CO4	Determine the boutique marketing and promotion.	K4

### Mapping with Programme Outcomes

COs	P01	P02	P03	P04	P05	P06
CO1	M	S	M	S	M	M
CO2	M	S	M	S	M	M
CO3	S	S	M	S	S	M
CO4	S	S	M	S	S	M

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT- I

11Hrs

Introduction to boutique management, Skills required to set up a boutique, Identifying target market and customer, choice of location and space management. Role of designer in boutique shop.

#### UNIT- II

12Hrs

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

**UNIT- III****11Hrs**

Boutique interior-visual merchandising and store layout, Customer relationship management. Setting up of stitching unit in a boutique.

**UNIT- IV****11Hrs**

Boutique marketing tools and promotional kit, Book keeping for boutique and maintaining stock.

**UNIT- V****11Hrs**

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

**Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1	<u>DebbraMikaelsen</u>	FabJob Guide to Become a Boutique Owner	Fabjob	2005
2	<u>Neil R. Bingham</u>	The New Boutique: Fashion and Design	Merrell	2005

**Pedagogy:**

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

**Course Designer:**

V S Karpagavalli

<b>VG18P13</b>	<b>ORNAMENTS AND ACCESSORIES - PRACTICAL</b>	Category	L	T	P	Credit
		Practical			60	4

### Preamble

To familiarize students with different materials and techniques used in ornaments and accessories making.

### Course Outcomes

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

CO Number	CO Statement	Knowledge Level
<b>CO1</b>	Illustrate the design for accessories	K1
<b>CO2</b>	Prepare samples for different ornaments	K2
<b>CO3</b>	Prepare bridal and fashion accessories	K3
<b>CO4</b>	Design and develop various ornaments and accessories	K5

### Mapping with Programme Outcomes

COs	P01	P02	PO3	PO4	PO5	PO6
<b>CO1</b>	M	S	S	S	M	M
<b>CO2</b>	M	S	S	S	M	M
<b>CO3</b>	M	S	S	S	M	M
<b>CO4</b>	M	S	S	S	S	M

S- Strong; M-Medium; L-Low

### Syllabus

Prepare the following Samples using the available raw materials / any base material.

- |   |              |
|---|--------------|
| 1. Hand bags -1 varieties                             | <b>5 hrs</b> |
| 2. Purses / Wallets / Cell Phone covers - 1 varieties | <b>5 hrs</b> |
| 3. Chains / Necklaces –1models                        | <b>5 hrs</b> |
| 4. Bangles / Bracelets / Watches - 1 models           | <b>5 hrs</b> |
| 5. Slippers / Shoes - 1 models                        | <b>5 hrs</b> |
| 6. Ear rings - 1 models                               | <b>5 hrs</b> |
| 7. Finger rings / toe rings- 1 models                 | <b>5 hrs</b> |
| 8. Belts - 1 models                                   | <b>5 hrs</b> |
| 9. Hair bands/Hair ornaments - 1 models               | <b>5 hrs</b> |

- |   |              |
|---|--------------|
| 10. Anklets –any 2 models                 | <b>5 hrs</b> |
| 11. A set of Bridal Ornaments.            | <b>5 hrs</b> |
| 12. A set of Ornaments for a Fashion Show | <b>5 hrs</b> |

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designer:**

V.S.Karpagavalli

VG18P14	COMPUTER AIDED GARMENT DESIGNING –PRACTICAL	Category	L	T	P	Credit
		Practical			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	Prepare swatch board for different garment patterns.	K3
CO3	Develop pattern with grading for garments.	K4
CO4	Sketch the pattern and grading.	K2
CO5	Prepare Marker planning & efficiency for the garments.	K3

### Mapping with Programme Outcomes

COS	P01	P02	PO3	PO4	PO5	PO6
CO1	S	M	S	S	M	S
CO2	S	M	S	S	M	S
CO3	S	M	S	S	M	S
CO4	S	M	S	S	M	S
CO5	S	M	S	S	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 and Kameez
- Middi and Tops
- T-Shirt
- Full Sleeve Shirt
- Trousers- Narrow bottom or Bell bottom

- Lehanga
3. Grade the following patterns for 3 sizes **20 hrs**
- Salwar and Kameez
  - Middi and Tops
  - T-Shirt
  - Full Sleeve Shirt
  - Trousers- Narrow bottom or Bell bottom
  - Lehanga
4. Marker planning & efficiency for the following garments **30 hrs**
- Salwar and Kameez
  - Middi and Tops
  - T-Shirt
  - Full Sleeve Shirt
  - Trousers- Narrow bottom or Bell bottom
  - Lehanga

**Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

**Course Designer:**

V S Karpagavalli

<b>PROJ-FPP</b>	<b>FASHION PORTFOLIO &amp; VIVA VOCE</b>	Category	L	T	P	Credit
		Practical			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
<b>CO1</b>	Illustrate the designs for a theme.	K1
<b>CO2</b>	Prepare portfolio boards.	K2
<b>CO3</b>	Develop chart for fabric and designs	K4
<b>CO4</b>	Construct garments as per a theme.	K3
<b>CO5</b>	Examine the garments constructed.	K4

### Mapping with Programme Outcomes

COs	P01	P02	PO3	PO4	PO5	PO6
<b>CO1</b>	S	S	S	S	M	S
<b>CO2</b>	S	S	S	S	M	S
<b>CO3</b>	S	S	S	S	M	S
<b>CO4</b>	S	S	S	M	S	S
<b>CO5</b>	S	S	S	M	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 (1-Kid, 1- Men & 3 – Women)

### **Pedagogy:**

Chalk and talk, Demonstration, Teaching & hands on practical

### **Course Designer:**

V.S.Karpagavalli