



**PSGR  
Krishnammal College for Women**



**DEPARTMENT OF COSTUME AND APPAREL DESIGN**

**PROGRAMME: B.VOC GARMENT DESIGNING**

**CHOICE BASED CREDIT SYSTEM (CBCS) &**

**LEARNING OUTCOMES- BASED CURRICULAR FRAMEWORK (LOCF)**

**(SEMESTER I– III)**

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

**2023 – 2026 BATCH**



## **PROGRAMME LEARNING OUTCOMES (PLO's)**

After completion of the programme, the student will be able

PLO1: To develop patterns for garments using flat pattern techniques, draping techniques and computer aided pattern drafting techniques.

PLO2: To construct innovative garments and learn various skills on export management, business communication and boutique management.

PLO3: To create value added garments using surface embellishments, printing and dyeing techniques.

PLO4: To gain knowledge on various methods of producing the fabric and checking the standards and quality of the textiles.

PLO5: To create fashion portfolio for garment designs either manually or digitally.

## **PROGRAMME SPECIFIC OUTCOME (PSO's)**

The students at the time of graduation will

PSO1: Be employed as Assistant Fashion Designer, Fashion Designer, Export Manager and Boutique Manager with their sector skill certificates level – 4, 5, 6 and 7.

PSO2: Be 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.

PSO3: Be able to provide consultancy services to the garment industry and also boutiques in the areas like visual merchandising, retail marketing, buying and selling.

PSO4: Be able to run training centres for fashion illustration, fashion designing, fashion embroidery, dyeing, printing and entrepreneurial development.

**DEPARTMENT OF COSTUME AND APPAREL DESIGN**  
**CHOICE BASED CREDIT SYSTEM (CBCS) & LEARNING OUTCOME BASED**  
**CURRICULAR FRAMEWORK (LOCF)**  
**SYLLABUS & SCHEME OF EXAMINATION**  
**PROGRAMME: B.VOC GARMENT DESIGNING (B.VOC GD) – 2023-2026 BATCH**  
**Level 4**  
**Job Role: Assistant Fashion Designer**

Sem	Part	Subject Code	Title of the paper		Ins Hrs/ Week	Contact hrs	Tutorial hrs	Duration of Exam	Exam marks			CRE DITS
									CA	ESE	TOTAL	
I	I	VTM2301/ VHI2301/ VFR2301	Language Paper I (Tamil, Hindi, French)	Language	4	58	2	3	25	75	100	3(G)*
	II	VEN2301	Communication & Language Skills I	English	4	58	2	3	25	75	100	3(G)*
	III	VG23C01	Concepts of fashion and design	CC	3	43	2	3	25	75	100	3(S)* *
	III	VG23A01	Business Communication	CC	3	43	2	3	25	75	100	3(S)*
	III	VG23P01	Fashion Illustration Lab I (Practical)	CC	7	105	-	3	25	75	100	7(S)* *
	III	VG23P02	Surface Ornamentation Lab (Practical)	CC	7	105	-	3	25	75	100	7(S)* *
	III	VGINST1	Internship I		(60 hours)						100	2(S)* *
	IV	NME23ES / NME23W S NME23B1 NME23A1	Foundation Course (Introduction to Entrepreneurship/Wo menstudies /Basic Tamil-I/Advanced Tamil-I)	AEC	2	30	-	3	100	-	100	2 (G)*

**Level 5**  
**Job Role: Fashion Designer**

Sem	Part	Subject Code	Title of the paper		Ins Hrs/ Week	Contact hrs	Tutorial hrs	Duration of Exam	Exam marks			CREDI TS
									CA	ESE	TOTAL	
II	I	VTM2302/ VHI2302/ VFR2302	Language Paper II (Tamil, Hindi, French)	Language	3	43	2	3	25	75	100	3(G)*
	II	VEN2302	Communication & Language Skills II	English	3	43	2	3	25	75	100	3(G)*
	III	VG23C02	Apparel Component Development	CC	3	43	2	3	25	75	100	3(G)*
	III	VG23A02	Pattern Making and Grading	CC	3	43	2	3	25	75	100	3(S)**
	III	VG23P03	Apparel Component Development Lab (Practical)	CC	8	120	-	3	25	75	100	7(S)**
	III	VG23P04	Fashion Illustration Lab II – Practical	CC	8	120	-	3	25	75	100	7(S)**
	III	VGINST2	Internship II – Industry/Design		( 60 hours)						100	2(S)**
	IV		Self study Online Course		-	-	-	-	-	-	-	Compl ation certific ate
	IV	NME23B2 NME23A2	Basic Tamil- II/Advanced Tamil- II (Out of regular class hours)	AEC	2	-	-	-	100	-	100	Grade
	IV	23PELS1	Professional English for Life Sciences	GE	2	25	5	-	100	-	100	2(G)*

\* **General Component**

\*\* **Skill Component**

Note: 1 credit is 15 hrs

Internship 1 credit is 30 hrs

CC – Core Courses

GE – Generic Elective

AEC – Ability Enhancing Course

CA – Continuous Assessment

ESE - End Semester Examination

**B.VOC GARMENT DESIGNING (2023-2026 BATCH & ONWARDS)**  
**CHOICE BASED CREDIT SYSTEM (CBCS) & LEARNING OUTCOME BASED**  
**CURRICULAR FRAMEWORK (LOCF)**  
**(SEMESTER – III)**

Programme and Branch B.Voc GD												
Syllabus & Scheme of Examination 2023 – 2026 Batch & Onwards												
Semester	Part	Course Code	Title of the Course	Course Type	Ins Hrs/ Week	Contact hrs	Tutorial hrs	Duration of Exam	Exam marks			Credits
									CA	ESE	TOTAL	
III	I	VTM2303/ VHN2303/ VFR2303	<b>Language III -</b> Tamil Paper III/ Hindi Paper III/ French Paper III	L	3	43	2	3	25	75	100	3(G)*
	II	VEN2303	English Paper III	E	3	43	2	3	25	75	100	3(G)*
	III	VG23C03	Core-III Textile Science	CC	4	58	2	3	25	75	100	3(G)*
III/ IV	III	CS23SBGP/ GEN – AI/	<b>Skill Based Course</b> GEN – AI/	SEC	3	41	4	-	100	-	100	3 (G)*
		VG23SCE1	Coursera - Fashion Reality	SEC	3	45	-	-	100	-	100	
III	III	VG23P05	Draping Lab	CC	7	105	-	3	25	75	100	6(S)**
	III	VG23P06	Apparel Design and Development Lab I	CC	8	120	-	4	25	75	100	7(S)**
	IV	NM22DTG	Design Thinking	AEC	2	30	-	-	100	-	100	2(G)*
	IV	NM22UHR	Universal Human Values and Human Rights #	AECC	-	-	-	-	100	-	100	Gr
	VI	16BONL 1 16BONL 2	Online Course 1 Online Course 2	ACC	-	-	-	-	-	-	-	-

\* General Component  
Note: 1 credit is 15 hrs  
L : Language

\*\* Skill Component  
Internship 1 credit is 30 hrs  
E : English

CC : Core Courses

AEC : Ability Enhancement Course

**SEC : Skill Enhancement Course**

**ACC : Additional Credit Courses**

**AECC : Ability Enhancement Compulsory Course**

**CA – Continuous Assessment**

**ESE - End Semester Examination**

**Gr – Grade**

**# - Self Study**

**\* CA conducted for 25 and converted into 15, ESE conducted for 75 and converted into 35.**

COURSE NO VG23C01	SEMESTER – I CONCEPTS OF FASHION AND DESIGN	Category	L	T	P	Credit
		Theory	43	2		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 centres.

### Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Differentiate fashion terms and fashion theories.	K2
CLO2	Application of design concepts in apparel	K3
CLO3	Illustrate knowledge on Indian and global fashion designers.	K3
CLO4	Application of forecasting and design process for portfolio presentation and fashion show.	K3

### Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT-I

**8 hrs**

Definition of fashion concepts. Terms related to the fashion clothing - fashion, style, fad, classic, collection, chic and custom made, mannequin, silhouette, designer label, mass fashion, knockoff/high street, avant grade, concepts of fashion show, trend, forecasting, high fashion, haute couture. Consumer groups in fashion cycles – fashion leaders, fashion innovators, fashion motivation, fashionvictim, fashion followers.

#### UNIT II

**8 hrs**

Design - definition, elements and principles of design, design types - natural, stylized, geometric, historic and abstract. Garment design- structural, decorative and functional. Colour - definition, dimensions of colour - colour categories and psychology -colour theories - prang colour system and munsell colour system - colour harmonies.

#### UNIT - III

**9 hrs**

Principles of fashion movement, fashion evolution, fashion cycle - length of fashion cycle, adoption of fashion - trickle down, trickle up and trickle across theory, reverse adoption. Factors influencing fashion changes. Role of costume as a status symbol, personality and dress, clothes as sex appeal, repetition of fashion. Fashion services - video services, newsletter services, web sites, directories and references.

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

Understanding fashion designer - Indian and global fashion designers. Haute couture - any three Indian fashion designers. World fashion centres - New York, London, Milan, Paris and Los Angeles and any three designers.

**UNIT -V****9 hrs**

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

**Reference Books**

S.No.	Author	Title of the Book	Publishers	Year of publication
1	<u>Gwyneth Moore</u>	Basics Fashion Management 02: Fashion Promotion	<u>AVA Publishing</u>	2012
2	Simon Seivewright and Richard Sorger	Research and Design for Fashion	<u>Bloomsbury</u>	2021
3	Jochen Strähle	Green Fashion Retail	<u>Springer</u>	2016
4	<u>Phyllida Jay</u>	Fashion India	<u>Thames &amp; Hudson</u>	2015
5	<u>Véronique Pouillard</u>	Paris to New York The Transatlantic Fashion Industry in the Twentieth Century	<u>Harvard University Press</u>	2021
6	Andrew Reilly	Key Concepts for the Fashion Industries	Bloomsbury Academic India	2018

**Course Designer:**

V.S.Karpagavalli



<b>COURSE NO</b> VG23A01	<b>SEMESTER – I</b> <b>BUSINESS COMMUNICATION</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
		<b>Theory</b>	<b>43</b>	<b>2</b>		<b>3</b>

### Course Learning Outcomes

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

<b>CLO Number</b>	<b>CLO Statement</b>	<b>Knowledge Level</b>
CLO1	Identify the importance of communication to gain a general understanding of communication process, and to overcome barriers in communication.	K1
CLO2	Recognize the importance of non-verbal communication and use of various communications devices.	K2
CLO3	Associate the importance of dress and the importance of Negotiating skill in work place and interpret voice control and pronunciation of words while Negotiating and entertaining customers	K3
CLO4	Demonstrate the critical thinking skills to produce successful letters or emails; agenda and minutes and participation in meetings in any given context or situation.	K4

### Mapping with Programme Learning Outcomes

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
CLO1	S	S	S	L	L
CLO2	S	S	S	L	L
CLO3	S	S	S	L	L
CLO4	S	S	S	L	M

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT – I

**8 Hours**

Communication: Meaning – Objectives – Importance – Channels – Media – Barriers to communication – Essentials of Effective Communication.

#### UNIT – II

**9 Hours**

Communication through letters – Layout of letter – Business letter format-- Enquiries and Reply – Offers and Quotations – Orders and Execution – Claims and Adjustments – Collection –Status Enquiries.

#### UNIT – III

**9 Hours**

Non-verbal communication – Body Language - Business meeting- Initiating Interactions – Participating in Business Conversation- Preparing Agenda & Minutes- press release.

#### UNIT – IV

**9 Hours**

Dressing for Work - Managing appointments- Negotiating skill -Voice control and pronunciation of words- Negotiating with Customers - Entertaining Customers

#### UNIT – V

**8 Hours**

Interpersonal communication- Inter cultural communication– Communication devices – Use of internet and email\*-- Business etiquette and email etiquette\*.

\*-Self study

Case study Analysis- simple cases from all units

**Text Book**

<b>Sl. No.</b>	<b>Author(s)</b>	<b>Title of the Book</b>	<b>Publisher</b>	<b>Year of Publication</b>
1.	Rajendra Pal &Korlahalli	Essentials of Business Communication	Sultan Chand & Sons.	2014
2	Gupta C.B	Basic Business Communication	Sultan Chand & Sons.	2014

**Reference Books:**

<b>Sl. No.</b>	<b>Author(s)</b>	<b>Title of the Book</b>	<b>Publisher</b>	<b>Year of Publication</b>
1	Kitty O. Locker & Stephen Kyo Kaczmarek	Business Communication- Building Critical Skills	McGraw-Hill Irwin	2014
2	Raj Kumar	Basic Business Communication	Excel Books Publishing house	2010
3	M.V. Rodriques	Effective Business Communication	Concept Publishing Company	2003
4	Ramesh, MS,& C. C Pattanshetti	Business Communication	R.Chand& Co,	2003

**Course Designers:**

J Sheela

COURSE NO VG23P01	SEMESTER – I FASHION ILLUSTRATION LAB I (PRACTICAL)	Category	L	T	P	Credit
		Practical			105	7

### 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 Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Illustrate the motif of the embellishment.	K2
CLO2	Illustrate elements and principles of design, colour theories and harmonies.	K3
CLO3	Design in details, garment components and accessories.	K4
CLO4	Develop designs for different seasons.	K4

### Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

- Motif development - lines dots, checks and curves. Enlarging and reducing any two motifs. **8 hrs**
- Object drawing and shading concepts. Drape of fabrics and shading with different mediums. **8 hrs**
- Application of elements of design in garments-line, colour, texture, shape, size. **8 hrs**
- Application of principles of design in garments- harmony, emphasis, proportion, rhythm, balance. **8 Hrs**
- Preparing samples for dimensions of colour – hue, value and intensity. **7 hrs**
- Preparation of samples for prang colour chart. **6 hrs**
- Application of colour harmonies – monochromatic colour harmony, analogous colour harmony, complimentary colour harmony, double complementary colour harmony, split complementary colour harmony, triad colour harmony and Tetrad. **8 hrs**
- Rendering prints and textures for different fabrics (woven, knitted and non-woven). **8 hrs**
- Illustrating details of pleats, ruffles, shearing, smocking and gathering. **8 hrs**
- Illustrating garment components - pockets, sleeves, yokes, skirts, trousers and tops. **8 hrs**
- Illustrate garments for different season – spring, summer, autumn and winter with background. **10 hrs**
- Design Development (Men's/Women's/Children's) **10 hrs**
  - Research
  - Finalization of Theme
  - Sourcing

- Fabric Board
- Color board
- Finalization of Designs

13. Product Development

**8 hrs**

- Flat sketch to Final Sketch based on theme
- Preparation of Mood board
- Photo shoot

**Course Designer:**

V.S.Karpagavalli

<b>COURSE NO</b> VG23P02	<b>SEMESTER – I</b> <b>SURFACE ORNAMENTATION LAB</b> <b>(PRACTICAL)</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
		<b>Practical</b>			<b>105</b>	<b>7</b>

### Preamble

To impart thorough knowledge on surface embellishments of the garments.

### Course Learning Outcomes

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

<b>CLO Number</b>	<b>CLO Statement</b>	<b>Knowledge Level</b>
<b>CLO1</b>	Prepare samples of embellishment – hand and machine embroidery.	K3
<b>CLO2</b>	Apply suitable embellishment in garments.	K3
<b>CLO3</b>	Develop suitable value additions for apparel.	K4
<b>CLO4</b>	Application of Indian traditional embroideries as embellishment	K3

### Mapping with Programme Learning Outcomes

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
<b>CLO1</b>	M	S	S	M	L
<b>CLO2</b>	S	S	S	M	L
<b>CLO3</b>	S	S	S	M	L
<b>CLO4</b>	S	S	S	M	S

S- Strong; M-Medium; L-Low

### Syllabus

Prepare samples for the following

- |  |               |
|--|---------------|
| 1. Hand embroidery - 15 stitches and fancy embroideries – 5 stitches.                  | <b>10 hrs</b> |
| 2. Machine Embroidery- 9 stitches - 3 samples.   | <b>8 hrs</b>  |
| 3. Applique- 3 types– hand, machine and iron appliqué.                                 | <b>8 hrs</b>  |
| 4. Smocking -3types.   | <b>8 hrs</b>  |
| 5. Tatting and crochet .   | <b>8 hrs</b>  |
| 6. Bead Work and Sequins work –each one sample .                                       | <b>6 hrs</b>  |
| 7. Zardosi work -1 sample.   | <b>6 hrs</b>  |
| 8. Belts & Bows – any 2 types.   | <b>6 hrs</b>  |
| 9. Mirror & Stone work -1 sample.  | <b>6 hrs</b>  |
| 10. Patch work -1 sample.  | <b>6 hrs</b>  |
| 11. Quilting -1 sample.  | <b>6 hrs</b>  |
| 12. Tassels and fringes.   | <b>7 hrs</b>  |
| 13. Traditional embroideries of India – Pulkari, Kasuti and kashida– each one sample.  | <b>10 hrs</b> |
| 14. Traditional embroideries of India –chickenkari, kanta and kutch – each one sample. | <b>10 hrs</b> |

### Course Designers:

V.S.Karpagavalli

<b>COURSE NO</b> <b>VG23C02</b>	<b>SEMESTER – II</b> <b>APPAREL COMPONENT</b> <b>DEVELOPMENT</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
		<b>Theory</b>	<b>43</b>	<b>2</b>	<b>-</b>	<b>3</b>

### Preamble

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

### Course Learning Outcomes

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

<b>CLO Number</b>	<b>CLO Statement</b>	<b>Knowledge Level</b>
<b>CLO1</b>	Identify the methods and tools for body measurement	K2
<b>CLO2</b>	Apply seams, seam finishes and fullness.	K3
<b>CLO3</b>	Analyse the construction of plackets, sleeves, collars, yokes and fasteners.	K4
<b>CLO4</b>	Application of trims and decoration in apparel.	K3

### Mapping with Programme Learning Outcomes

<b>CLOS</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
<b>CLO1</b>	S	S	S	S	S
<b>CLO2</b>	S	S	S	S	S
<b>CLO3</b>	S	S	S	S	S
<b>CLO4</b>	S	S	S	S	S

S- Strong; M-Medium; L-Low

### Syllabus

#### Unit I

**8 hrs**

Introduction to body measurement. Tools for measuring, marking, cutting and pressing. Selection of thread and needle for various types of fabric. Seams, seam finishes and hems. Sewing techniques: Basic hand stitches- basting, running, tacking, hand overcast. Hemming stitches- plain and blind hemming, slip stitch, tailors tack.

#### Unit II

**8 hrs**

Fullness: Definition, Types of fullness – Darts, Tucks, Pleats, flares, godets, gathers, shires and frills. Calculating the amount of materials for these types. Add fullness, hemming, Neck Finishes: -Definition, Bias- definition, joining bias and uses. Bias facing and bias binding.

#### Unit III

**9 hrs**

Plackets- Definition, characteristics of a good placket, classification – continuous bound, bound and faced, fly opening, zipper, tailored and centre front / shirt placket. Fasteners and button hole - Buttons and steps in attaching buttons, other types of fasteners. Button and button hole position and length of the button hole, types of button hole-Button loops-thread loops, fabric loop, corded loop, corded frogs buttons and its types.

**Unit IV****9 hrs**

Sleeves- Classification of sleeves, types of sleeves and drafting - plain, puff at top, bottom, bell, bishop, circular, leg-o-mutton, sleeveless styles, kimono and raglan. Neck Collars – definition, parts of collar, factors to be considered in designing collar, classification and drafting of collar - peter pan, cape, scallop, puritan, sailors, chinese collar and Shirt collar. Face masks – types of mask, fabric used, finishes applied, applications in various field and cost calculation.

**Unit V****9 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 and yoke supporting or releasing fullness. Trimmings and Decoration - Definition, types -Bias trimming, Ricrac, ruffles, embroidery, smocking, faggoting, Applique, lace, lace motifs, Scalloped edging, decorative fastening – belts and 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	ZarapkarK.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

**Course Designers:**

V.S.Karpagavalli.

COURSE NO VG23A02	SEMESTER – II PATTERN MAKING AND GRADING	Category	L	T	P	Credit
		Theory	43	2		3

### Preamble

To familiarize the students with drafting patterns, pattern grading, pattern alteration and pattern layout.

### Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Prepare body measurement chart for standartision	K1
CLO2	Analyse different types of pattern making for basic and stylized pattern	K4
CLO3	Develop remedies for pattern alteration to create good fit.	K4
CLO4	Experiment with pattern layouts to prepare fabric for fabric cutting.	K3

### Mapping with Programme Learning Outcomes

CLOS	PLO1	PLO2	PLO3	PLO4	PLO5
CLO1	S	S	M	M	M
CLO2	S	S	M	M	M
CLO3	S	S	S	S	M
CLO4	S	S	M	S	S

S- Strong; M-Medium; L-Low

### Syllabus

#### UNIT I

8 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.

#### UNIT II

9 hrs

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

#### UNIT III

9 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

8 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****9 hrs**

Pattern layout - definition, purpose, rules in layout, principles of pattern layout , types of layouts for length wise stripped designs, fabric with bold design, asymmetric designs and one way designs. Remedies for insufficient cloth, fabric cutting, transferring pattern marking, stay stitching, ease stitching. Preparation of fabric for cutting –importance of grain in cutting and construction, steps in preparing the fabric for cutting.

**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
4	Helen Joseph Armstrong	Patternmaking for Fashion Design	Pearson Education/Prentice Hall	2010
5	Padmavati	Techniques of Drafting and Pattern Making	Atlantic Publishers and Distributors	2022

**Course Designers:**

V.S.Karpagavalli.

COURSE NO VG23P03	SEMESTER – II APPAREL COMPONENT DEVELOPMENT LAB (PRACTICAL)	Category	L	T	P	Credit
		Practical			120	7

### 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 Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Identify the construction methods for seas and seam finishes	K2
CLO2	Apply the principles of fullness and neck finishes for apparels	K3
CLO3	Analyse the construction of plackets, sleeves, collars, yokes and fasteners.	K4
CLO4	Develop samples for different type of mask.	K3

### Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium; L-Low

### Syllabus

- Preparation of samples for seam – plain, top stitched, flat fell, piped and mantua maker seam. **6 Hrs**
- Preparation of samples for seam finishes- Edge stitched, double stitch, overcast, bound, hem and darning methods. **6 Hrs**
- Preparation of samples for fullness-Darts, tucks- pin tucks, cross tucks and group tucking with scalloped effect. **7 Hrs**
- Preparation of samples for fullness - Pleats- knife pleat, box pleat, kick pleat and fan pleat. **7 Hrs**
- Preparation of samples for fullness-Gathering – Gathering by hand, machine, elastic, Ruffle- single, double, circular and Godets. **7 Hrs**
- Preparation of samples for facing and binding- bias facing, shaped facing and binding. **7 Hrs**
- Preparation of samples for fasteners- continuous bound, two-piece placket, zipper and tailored placket. **8 Hrs**
- Preparation of samples for fasteners - button and buttonhole, Hook and eye and press button. **9 Hrs**
- Preparation of samples for sleeves- plain sleeve and puff sleeve. **9 Hrs**
- Preparation of samples for sleeves-raglan sleeve and cape sleeve. **9 Hrs**
- Preparation of samples with yoke- partial yoke, simple yoke and yoke supporting fullness. **9 Hrs**

12. Preparation of samples for collar- Peter Pan collar, shirt collar and shawl collar. **12 Hrs**
13. Preparation of samples for pocket- patch pocket, bound pocket and side pocket. **12 Hrs**
14. Preparation of sample for mask – pleated mask and padded mask. **12 Hrs**

**Course Designers:**

V.S.Karpagavalli.

<b>COURSE NO VG23P04</b>	<b>SEMESTER – II FASHION ILLUSTRATION LAB II (PRACTICAL)</b>	<b>Category</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
		<b>Practical</b>			<b>120</b>	<b>7</b>

### Preamble

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

### Course Learning Outcomes

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

<b>CLO Number</b>	<b>CLO Statement</b>	<b>Knowledge Level</b>
<b>CLO1</b>	Prepare flat sketches for human figure as fashion croquis in different views children, women and men's garments.	K3
<b>CLO2</b>	Illustrate details of different features of fashion figures.	K3
<b>CLO3</b>	Design flat sketches for different occasions, magazines, selected theme and brand.	K4
<b>CLO4</b>	Design traditional costumes of India	K4

### Mapping with Programme Learning Outcomes

<b>CLOs</b>	<b>PLO1</b>	<b>PLO2</b>	<b>PLO3</b>	<b>PLO4</b>	<b>PLO5</b>
<b>CLO1</b>	M	S	S	S	M
<b>CLO2</b>	S	S	S	S	S
<b>CLO3</b>	S	S	S	S	S
<b>CLO4</b>	S	M	M	M	S

S- Strong; M-Medium; L-Low

### Syllabus

1. Illustrating Human Figure in Proportion Using 8 Head Theory men/women –Stick Figure, Fleshy figure. **5 Hrs**
2. Conversion of normal figure into fashion croquis (9 to 12 head theory), plus size figures. **5 Hrs**
3. Illustrating detail -Eyes, Ears, Nose, Lips, Fingers, Feet, Hand and Legs **5 Hrs**
4. Illustrating fashion figure – in Front View, Back View, Side View **5 Hrs**
5. Different postures of fashion figure- S, X and T pose. **5 Hrs**
6. Create Flat Sketches for Children - Casual Wears, Night Wear and Picnic Wear with Back Ground. **6 Hrs**
7. Designing Flat Sketches for bridal wear with back ground. **7 Hrs**
8. Designing Flat Sketches for party wear with back ground. **8 Hrs**
9. Designing Flat Sketches for office wear and Uniform wear with back ground. **8 Hrs**
10. Designing Flat Sketches for sportswear, party wear and lingerie wear with back ground. **10 Hrs**
11. Design and Illustrate traditional costume any two states of India. **10 Hrs**
12. Create Fashion Illustration from Magazines/photography. **10 Hrs**
13. Designing garment with croquis from selected theme/inspiration. **10 Hrs**
14. Creating a collection for your brand. **10 Hrs**
15. Design Development (Men's/Women's/Children's) **8 Hrs**
  - Research
  - Finalization of Theme
  - Sourcing

- Fabric Board
- Color board
- Finalization of Designs

16. Product Development

**8 Hrs**

- Flat sketch to Final Sketch based on theme
- Preparation of Mood board
- Photo shoot

**Course Designers:**

V.S.Karpagavalli.

COURSE NO	COURSE NAME	Category	L	T	P	Credit
VG23C03	TEXTILE SCIENCE	Theory	58	2	-	3

### Preamble

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

### Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Understand the properties and manufacturing process for natural fibers	K2
CLO2	Understand the properties and manufacturing process for man-made fibers	K3
CLO3	Explain the process involved in yarn formation, weaving and knitting.	K2
CLO4	Differentiate the different types of non wovens	K4

### Mapping with Programme Learning Outcomes

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

**S- Strong; M-Medium; L-Low**

### Syllabus

#### Unit I

**11 Hrs**

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

#### Unit II

**11 Hrs**

**Properties and manufacturing process of manmade fibers** – viscose -rayon, polyester, nylon, acrylic, polypropylene and new manmade fibers – kevlar and carbon

#### Unit III

**12 Hrs**

Classification of yarns – simple and fancy yarns. Sequential process of yarn development - blending, opening, cleaning, carding, combing, drawing, roving, spinning. **Types of spinning – dry, wet, melt, ring and air-jet spinning.** Sewing thread and its properties.

#### Unit IV

**12 Hrs**

Sequential process in weaving- winding, warping, sizing, beaming and weaving. Types of looms – handloom and power loom - pit loom, stand loom, frame loom, rapier, air-jet, projectile/missile, multiphase and water jet loom – parts of loom and its functions. **Types of weaves - basic and fancy weave.**

**Unit V****12 Hrs**

Knitting - definition – classification and types of knitting. weft knitting- single jersey, rib, interlock and jacquard, warp knitting – tricot and rachel. **Non-woven - definition, types of non-woven, manufacturing process and properties of felting, fusing, bonding, lamination, braiding.**

**Text Books**

S.No	Author	Title of the Book	Publishers	Year and Edition
1	Corbmann B.P	Textiles –fibre to fabric, International student’s edition	McGraw Hill, Singapore	1985 6 <sup>th</sup> Edition
2	Joseph J Pretal	Fabric Science	Fairchild Publications	1990 5 <sup>th</sup> Edition
3	David spencer	Knitting technology	Pergamen press, Oxford	1982 3 <sup>rd</sup> Edition

**Reference Books**

S.No	Author	Title of the Book	Publishers	Year and Edition
1	Peter R. Lord	Handbook of Yarn Production Technology, Science and Economics	Woodhead Publishing	2003 1 <sup>st</sup> Edition
2	White George	A Practical Treatise on Weaving by Hand and Power Looms	Sagwan Press	2015 1 <sup>st</sup> Edition

**Online Reference**

1. <https://www.youtube.com/watch?v=O-VZs5qWV8Y>
2. <https://www.youtube.com/watch?v=g90lWCZshlk>
3. <https://www.youtube.com/watch?v=LXqSGll6JSA>
4. <https://www.youtube.com/watch?v=U1bk4ZlOQvc>

**Pedagogy:**

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

**Course Designer:**

V.S. Karpagavalli

COURSE CODE	COURSE NAME	Category	L	T	P	Credit
VG23P05	DRAPING PRACTICAL	Practical	-	-	105	6

### Preamble

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

### Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Identify the various components of the garment.	K2
CLO2	Illustrate the designs for draping.	K2
CLO3	Manipulate the components of the garment using draping technique.	K3
CLO4	Experiment various garment designs using draping method.	K4

### Mapping with Programme Learning Outcomes

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

**S- Strong; M-Medium**

### Syllabus

1. Preparation of dummies and fabric for draping on dress forms	4 Hrs
2. Draping basic front	5 Hrs
3. Draping basic back	5 Hrs
4. Draping sleeves- basic sleeve.	5 Hrs
5. Draping sleeves - raglan sleeve.	5 Hrs
6. Draping collars- peter pan	4 Hrs
7. Draping collars - mandarin	8 Hrs
8. Draping collars - shawl collar	8 Hrs
9. Draping yokes –midriff yoke and yoke with fullness – any three styles	12 Hrs
10. Draping basic skirts –plain skirt and pleated skirt	8 Hrs
11. Draping basic skirts – flared skirt - partial and full	8 Hrs
12. Draping Male Garment –T shirt/kurta	9 Hrs
13. Draping Male Garment –Bermudas / pyjamas	9 Hrs
14. Innovative Garment – male/female	15 Hrs



**Text Books**

S.No	Author	Title of the Book	Publishers	Year and Edition
1	Hisako Sato	Drape Drape 2: Now in English	Laurence King Publishing	2012 1 <sup>st</sup> Edition
2	Kamal Khurana	Draping and Pattern Making for Fashion Design	Sonali Publications	2012 1 <sup>st</sup> Edition
3	Manmeet Sodhia	Advanced Drafting and Draping	Kalyani Publishers	2014 1 <sup>st</sup> Edition

**Reference Books**

S.No	Author	Title of the Book	Publishers	Year and Edition
1	Karolyn Kiisel	Draping the complete course	Laurence King Publishing.	2020 DVD Edition
2	Connie Amaden-Crawford,	Art of fashion draping	Fairchild Books	2004 3 <sup>rd</sup> Edition

**Pedagogy:**

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

**Course Designer:**

V.S. Karpagavalli

COURSE CODE	COURSE NAME	Category	L	T	P	Credit
VG23P06	APPAREL DESIGN AND DEVELOPMENT PRACTICAL - I	Practical	-	-	120	7

### Preamble

To familiarize the students with designing, drafting and construction of garments.

### Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Illustrate the design of the garment for variation	K3
CLO2	Develop basic pattern for the garments and manipulate for variation.	K3
CLO3	Construct the garment with suitable fabric and accessories.	K3
CLO4	Estimate the cost of the developed apparel.	K2

### Mapping with Programme Learning Outcomes

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

**S- Strong; M-Medium**

### Syllabus

1. Designing and pattern development - baby set (bib, panty, baby wrapper, mittens and zabra). **3 Hrs**
2. Garment development and cost estimation - baby set (bib, panty, baby wrapper, mittens and zabra). **5 Hrs**
3. Designing and pattern development - baba suit. **4 Hrs**
4. Garment development and cost estimation - baba suit. **6 Hrs**
5. Designing and pattern development -yoke frock with variation. **5 Hrs**
6. Garment development and cost estimation - yoke frock with variation. **10 Hrs**
7. Designing and pattern development - skirt- plain /circular/panel. **5 Hrs**
8. Garment development and cost estimation - skirt- plain /circular/panel. **10 Hrs**
9. Designing and pattern development - ladies kurtha with different designs. **5 Hrs**
10. Garment development and cost estimation -ladies kurtha with different designs. **10Hrs**
11. Designing and pattern development - salwar or churithar. **5 Hrs**
12. Garment development and cost estimation - salwar or churithar. **10Hrs**
13. Designing and pattern development - pyjama – elastic/tape attached waist. **5 Hrs**
14. Garment development and cost estimation - pyjama – elastic/tape attached waist. **10Hrs**
15. Design Development (any one Garment) **12 Hrs**
  - Research and theme
  - Design finalization and material sourcing
  - Measurements and specification sheets

## 16. Product Development

15 Hrs

- Pattern development and layout
- Garment construction and image capture
- Convert to design sheets

### Text Books

S.No	Author	Title of the Book	Publishers	Year and Edition
1	Carla Hegeman Crim	Pattern Making for Kids' Clothes	B.E.S. Publishing	2014 Illustrated edition
2	Antonio Donnanno and Claudia Ausonia Palazio	Fashion Patternmaking Techniques for Children's Clothing	Promopress	2018 1 <sup>st</sup> Edition
3	Padmavati B	Techniques Of Drafting and Pattern Making: Garments for Kids and Adolescents	Atlantic Publishers and Distributors (P) Ltd	2024 1 <sup>st</sup> Edition

### Reference Books

S.No	Author	Title of the Book	Publishers	Year and Edition
1	Isabel Sanchez Hernandez	Practical Pattern Making: A Step- by-Step Guide	Firefly Books Ltd	2015 1 <sup>st</sup> Edition
2	Dr. M. Sumithra	Advanced Garment Construction	Woodhead Publication	2021 1 <sup>st</sup> Edition

### Pedagogy:

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

### Course Designer:

V.S. Karpagavalli