



**PSGR
Krishnammal College for Women**



**DEPARTMENT OF COSTUME AND APPAREL DESIGN
PROGRAMME: B.Sc. COSTUME DESIGN AND FASHION**

**CHOICE BASED CREDIT SYSTEM (CBCS) & LEARNING
OUTCOMES - BASED CURRICULAR FRAMEWORK (LOCF)
(I, II and III SEMESTER)**

**COSTUME DESIGN AND FASHION
2023 – 2026 BATCH**



PROGRAMME LEARNING OUTCOMES (PLO's)

PLO 1: To attain knowledge on fashion concepts and theories.

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

PLO 3: To gain skill on both manual and computerized pattern making.

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

PLO 5: To gain knowledge on Entrepreneur's skills on create value added garment.

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

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

PROGRAMME SPECIFIC OUTCOME (PSO's)

The students at the time of graduation will

PSO1: Graduates will be able to work as a fashion designer, stylist, and accessory designer in film industries and celebrities

PSO2: Graduates are able to develop the fashion illustration techniques which help them to succeed as a unique professional in the Fashion industry

PSO3: Graduates of costume design students will be able to work as merchandiser, pattern maker, Fashion buyer, CAD Designer in Apparel Industries

PSO4: Graduates will be employed as assistant fashion designer, fashion designers with their NSDC certification (sector skill) of level - 4 and 5

PSO5: Graduates can function independently with their innovative, creative skills and excel as entrepreneurs and fashion consultant

PSO6: Graduates will be able to conduct the fashion shows and outline the fashion show

Semester	Part	Course Code	Title of the Course	Course Type	Instruction hours	Contact hours	Tutorial hours	Duration of Examinations	Examination marks			Credits
									CA	ESE	Total	
III	I	TAM2303A/ HIN2303A / FRE2303A	Language III – Tamil Paper III / Hindi Paper III / French Paper III	L	4	58	2	3	25	75	100	3
	II	ENG2303A	English Paper III	E	4	58	2	3	25	75	100	3
	III	CF23C03	Pattern Making and Grading	CC	4	58	2	3	25	75	100	3
		CF23P03	Apparel Design and Development Lab I	CC	7	105	-	4	25	75	100	5
		CF23AP3	Draping Lab	GE	6	90	-	3	25	75	100	4
III / IV	III	CF23SCE1/ CS23SBGP	Skill Based Course Coursera - Fashion Reality / GEN - AI	SEC	3	45 /44	- / 1	-	100	-	100	3
III	IV	NM23DTG	Design Thinking	AEC	2	30	-	-	100	-	100	2
	IV	NM22UHR	Universal Human Values and Human Right #	AEC C	-	-	-	-	100	-	100	Gr
I – V	VI	16BONL1 16BONL2	Online Course 1 Online Course 2	ACC	-	-	-	-	-	-	-	-

L – Language
E – English
CC – Core Courses
GE – Generic Elective
AEC – Ability Enhancement Course
ACC – Additional Credit Course
Compulsory Course
Self study

CA – Continuous Assessment
ESE - End Semester Examination
SEC – Skill Enhancement Course
AECC - Ability Enhancement
Gr - Grade

Coursera Course: Fashion Reality / CF23SCE1

S.No	Topics of the course	Link of the course	Duration of hours
1	Fashion as Design	https://www.coursera.org/learn/fashion-design	17
2	Fashion Design	https://www.coursera.org/learn/fashion-design-process	8
3	Digital Fashion Reality	https://www.coursera.org/learn/digital-fashion-reality	16
4	Sustainable Fashion	https://www.coursera.org/learn/sustainable-fashion	4

QUESTION PAPER PATTERNS

Question Paper Pattern and distribution of marks UG Language and English Language and English

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

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

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

Total : 60 Marks

UG - Core and Allied - (First 3 Units)

Question from each unit comprising of

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

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

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

Total :60 Marks

End Semester Examination – Question Paper Pattern and Distribution of Marks Language and English - UG

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

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

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

Total : 100 Marks

UG - Core and Allied courses:

ESE Question Paper Pattern: 5 x 20 = 100 Marks

Question from each unit comprising of

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

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

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

Total : 100 Marks

Part IV

Environmental Studies / Design Thinking

Quiz : 50marks

Assignment : 25marks

Project / Case study :25marks

Total : 100 Marks

Evaluation pattern for Gen-AI

Quiz : 50 Marks (5 quizzes with each 10 marks)

Case study : 25 Marks

Online Exam : 25 Marks (Departments to plan and conduct the exam)

Total : **100 Marks**

Course No CF23C01	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 centers.

Course Learning Outcomes

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

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

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7
CLO1	S	S	S	S	S	M	M
CLO2	S	S	S	S	M	S	M
CLO3	S	S	S	S	M	M	S
CLO4	S	S	M	S	S	S	M

S- Strong; M-Medium; L-Low

Syllabus

UNIT-I

9 hrs

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

UNIT II

9 hrs

Design – definition, Design types- natural, stylized, geometric, historic and abstract, garment design- structural, decorative and functional. Elements and principles of design. Color – Definition, Dimensions of colour- Hue, Value and Intensity, Colour categories And psychology - Warm and Cool colours, advancing and receding colours, Colour theories – Prang colour system and Munsellcoloursystem - 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 –psychological needs of fashion, social psychology of fashion, technological, economical, political, legal and seasonal influence. Role of costume as a status symbol, personality and dress, clothes as sex appeal, cultural value fashion cycles, repetition of fashion. Fashion services, video services, news letter services, web sites, directories and references.

UNIT -IV

8 hrs

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

UNIT -V

8 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.

Pedagogy:

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

Reference Books

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

Online reference link:

[://textilelearner.net/stages-of-fashion-cycle/](http://textilelearner.net/stages-of-fashion-cycle/)

[://www.slideshare.net/Tamilselvan245/fashion-cycle-adaption-of-fashion](http://www.slideshare.net/Tamilselvan245/fashion-cycle-adaption-of-fashion)

[://pahaldesign.com/10-best-fashion-designer-of-world/](http://pahaldesign.com/10-best-fashion-designer-of-world/)

[://www.cosmopolitan.com/style-beauty/fashion/g34647685/indian-fashion-designers/](http://www.cosmopolitan.com/style-beauty/fashion/g34647685/indian-fashion-designers/)

[://shilpaahuja.com/20-top-fashion-designers-india/](http://shilpaahuja.com/20-top-fashion-designers-india/)

[://pahaldesign.com/10-best-fashion-designer-of-world/](http://pahaldesign.com/10-best-fashion-designer-of-world/)

[://www.wgsn.com/en/products/fashion](http://www.wgsn.com/en/products/fashion)

Course Designer:

Dr.R.Radhika

Course No CF23P01	SEMESTER-I SURFACE ORNAMENTATION LAB PRACTICAL-I	Category	L	T	P	Credit
		Practical	-	-	75	5

Preamble

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

Course Outcome

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

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

Mapping with Programme Outcomes

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

S- Strong; M-Medium; L-Low

Syllabus

1. Hand embroidery - 15 stitches and fancy embroideries – 5 (5 samples with 20 stitches) **8 hrs**
2. Machine Embroidery- 9 stitches - 3 samples. **6 hrs**
3. Applique- 3 types– hand, machine and iron applique **6 hrs**
4. Smocking -3types **6 hrs**
5. Tatting and crochet **8 hrs**
6. Bead Work, Sequins work and Aari work –each one sample **6 hrs**

7. Zardosi work -1 sample	5hrs
8. Patch work and Quilting	6 hrs
9. Traditional embroideries of India – Pulkari, Kasuti, kashida, chickenkari, kanta and kutch – each one sample.	12hrs
10. Design Development(any one Experiment)	6hrs
<ul style="list-style-type: none"> • Research • Finalization of Theme • Sourcing • Finalization of Designs • Colour board • Moodboard • Measurements 	
11. Product Development	6hrs
<ul style="list-style-type: none"> • Motif Development • Construction of product • Photo shoot • Compose the above details as portfolio sheets 	

Pedagogy:

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

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Shailaja D. Naik	Traditional Embroideries of India	APH Publishing	1996
2	Rozella Florence Linden	Easy tatting	ourier corporation	2013
3	Anon	Tatting- a fascinating book of delicate lace designs	ead Books limited	2016
4	Lauren Espy	Crochet cafe Recipes for Amigurumi crochet patterns	Blue star press	2020

Online link

<https://youtu.be/ck2SJvspBh4>

<https://youtu.be/u8dr2bjUKxo>

<https://youtu.be/BlpnAN6x394>

<https://youtu.be/6jOuF65d3zw>

https://youtu.be/TOTHl_3NtRk

<https://youtu.be/R8dTNfAOCtI>

<https://youtu.be/Uo1ueLkl1vA>

CourseDesigners:

Dr.R.Radhika

Course No CF23AP1	SEMESTER-I ALLIED PRACTICAL - I FASHION ILLUSTRATIONS LAB-I	Category	L	T	P	Credit
		Practical	-	-	75	5

Preamble

To give training on illustrating fashion concept and theories.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowldge Level
CLO1	Illustrate the motif of the embellishment.	K2
CLO2	Illustrate elements and principles of design, colour theories and harmonies.	K3
CLO3	Develop the garment components and accessories.	K3
CLO4	Determine the details of fullness	K4

Mapping with Programme Learning Outcomes

CLOs	PLO1	PLO2	PLO3	PLO4	PLO5	PL06	PLO7
CLO1	M	S	S	M	L	M	M
CLO2	S	S	S	M	L	S	S
CLO3	S	S	S	M	L	S	S
CLO4	S	S	L	M	M	S	S

S- Strong; M-Medium; L-Low

Syllabus

- Elements of Lines (Straight, Wavy, Radiating related to Textile stripes), dots, checks, curves and Points, Form, Shape, Size, Texture. Dawing Techniques- Shading, Smudging,hatching techniques(Cross hatching, Scribbling, Doodling) **8 hrs**
- Fabric Rendering – learning to simulate textures of various fabrics – Velvet, Silk, Fur, Denim,Printed cotton, Lace, Net, Embroidery, Leather,Satin, Sequins.(Each-1) Design a dress using any one Fabric Rendering. **8 hrs**
- Types of Motifs (any-1) -(Natural/ Geometric/Abstract/Stylized/Conventional motifs)Enlarging and Reducing Motifs- Grid techniques of drawing **8 hrs**
- Application of Elements of Design in Garments-line, Colour, Texture,Shape and Size. **7 hrs**
- Application of Principles of Design in Garments- Harmony,Rhythm, Proportion, Balance (Symmetrical and Asymmetrical balance) and Emphasis **7 hrs**
- Preparation of colour charts –Prang Color Chart, Value chart and Intensity charts. **7 hrs**
- Application of Colour Harmony in garment design – Monochromatic colour Harmony, Analogous colour harmony, Complementary colour harmony, Double Complementary colour harmony, Split complementary Colourharmony,Triad and Tetradiccolour harmony **7 hrs**
- Illustrating details of Fullness-pleats, ruffles, shirring and smocking.(Each 2) **8 hrs**
- Illustrating Features and Garments -pockets, Collars, sleeves, yokes, skirts, **7 hrs**

trousers, tops.(Each 2)

10.Illustrating Ornaments and Accessories – Necklace, Bracelet, Earring ,
Rings, Head Piece,hat, handbags, Shoes, gloves, coolers and masks.Anklet.(Each 5)

8 hrs

Pedagogy:

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

Reference link

Ex no :1 <https://youtu.be/UwbjsrY2ps8>

Ex no:2 <https://youtu.be/phO4E2A4KKg>

Ex no:3 <https://youtu.be/Q0W39iKaEmQ>

Ex no: 5 <https://youtu.be/bDDyDvUYJoI>

Ex no:8 <https://youtu.be/fGVdntklOMg>

Course Designer:

Dr.R.Radhika

Course No CF23C02	SEMESTER-II APPAREL COMPONENT DEVELOPMENT	Category	L	T	P	Credit
		Theory	58	2	-	4

Preamble

To impart knowledge through, the parts and function of the sewing machine and the basic garment parts construction techniques.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Understand the body measurements and the tools used.	K1
CLO2	Describe darts, neck finishes, plackets, fasteners	K2
CLO3	Analyse the construction of sleeves, collars, yokes, mask	K3
CLO4	Application of trims and decoration in apparel.	K4

Mapping with Programme Learning Outcomes

CLOS	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
CLO1	S	S	S	S	S	S
CLO2	S	S	S	S	S	S
CLO3	S	S	S	S	S	S
CLO4	S	S	S	S	S	S

S- Strong; M-Medium; L-Low

Syllabus

Unit I

11 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. Domestic and industrial sewing machines, special attachments.

Unit II

12 hrs

Fullness - definition, Types of fullness – Darts, Tucks, Pleats, flares, godets, gathers, shires and

frills. Calculating the amount of materials for these type, fullness and hemming. Neck Finishes - Definition, Bias- definition, joining bias and uses. Bias facing and bias binding.

Unit III

12 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

12 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. 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 masks, fabric used, finishes applied, applications in various field and cost calculation.

Unit V

11 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.

Pedagogy:

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

Reference Books

S.No.	Author	Title of the Book	Publishers	Year of publication
1	Mary Mathews	Practical Clothing Construction Part-II. Designing	Drafting and tailoring Bhattarams Reprographics (P) Ltd	1991
2	Zarapkar K.R	System of Cutting	Navneet Publications India	2005
3	Hilary Campbell	Designing Patterns	Om Book Services, New Delhi	2003
4	Helen Joseph	Pattern Making for Fashion Design	Armstrong Pearson Education, Delhi	2000

Course Designer

Dr.R.Radhika

Course No CF23P02	SEMESTER-II APPAREL COMPONENT DEVELOPMENT LAB- (PRACTICAL - II)	Category	L	T	P	Credit
		Practical	-	-	120	4

Preamble

To impart skills on basic garment parts construction techniques.

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowl edge Level
CLO1	Select and maintain the sewing machines.	K2
CLO2	Develop the samples with seams and fullness.	K3
CLO3	Produce the suitable Facing and Binding samples.	K3
CLO4	Prepare the miniature samples - plackets, sleeves, yokes, collars, pockets and mask. Application of fasteners	K3

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium; L-Low

Syllabus

- Preparation of samples for seam – plain, top stitched, flat fell, piped, mantua maker seam. **11 hrs**
- Preparation of samples for seam finishes- Edge stitched, double stitch, overcast, bound, hem and darning methods. **11 hrs**
- 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. **12 hrs**
- Preparation of samples for fullness-Gathering – Gathering by hand, machine, elastic. Ruffle- single, double, circular. Godets. **13 hrs**

- 5.Preparation of samples for facing and binding- bias facing, shaped facing and binding. **12 hrs**
- 6.Preparation of samples for Plackets- continuous bound, Two-piece placket, zipper and tailored placket. **11 hrs**
- 7.Preparation of samples for fasteners - button and buttonhole, hook and eye and Press button. **8 hrs**
- 8.Preparation of samples for sleeves- plain sleeve, puff sleeve, Raglan sleeve and cap sleeve. **10 hrs**
- 9.Preparation of samples with yoke- partial yoke, simple yoke and yoke supporting fullness. **10 hrs**
- 10.Preparation of samples for collar and Pocket- Peter Pan collar, shirt collar and shawl collar. Pocket - patch pocket, bound pocket and side pocket. **12 hrs**
- 11.Preparation of sample for mask – pleated mask and padded mask. **10 hrs**

Pedagogy:

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

Reference link:

<https://youtu.be/j434tTfoYME>

Course Designer:

Dr.R.Radhika

Course No CF23AP2	SEMESTER-II ALLIED PRACTICAL –II FASHION ILLUSTRATION LAB-II	Category	L	T	P	Credit 4
		-	-	-	120	

Preamble

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

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Illustrate –front, back and side view and poses of boy, girl, women and men.	K2
CLO2.	Illustrate features of human body and Develop designs for different wears.	K3
CLO3	Illustrate garments for men, women and children with different seasons. Illustrate the photographic poses to fashion stylized figures.	K3
CLO4	Design development and product development for a Portfolio design	K4

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium; L-Low

Syllabus

1. Illustrating human figure in proportion using 8, 9 to 12 head theory –Stick figure, block figure and fleshy figure in standing poses and body figure, features and hair styling basics. **10 hrs**
2. Illustrating detail -Eyes, Ears, Nose, Lips, Fingers, Feet, Hand and Legs **10 hrs**
3. Illustrating fashion figure – Front View, Back View, Side View. **10 hrs**

- | | |
|---|---------------|
| 4. Different postures of fashion figure- S, X , T pose. | 12 hrs |
| 5. Create Flat Sketches for Children - Casual Wears, Night Wear and Picnic Wear with Back Ground. | 10 hrs |
| 6. Designing Flat Sketches for women - party wear and lingerie with back ground. | 10 hrs |
| 7. Designing Flat Sketches for Men - office wear and sportswear with back ground. | 10 hrs |
| 8. Design and illustrate traditional costume of any two states of India. | 12 hrs |
| 9. Create Fashion Illustration from Magazines/photography. | 12 hrs |
| 10. Designing garment with croquis from selected theme/inspiration. | 8 hrs |
| 11.Design Development (Children's / Women's /Men's) | 16 hrs |
- Research
 - Finalization of Theme
 - Sourcing
 - Fabric Board
 - Colour board
 - Finalization of Designs
 - Product Development
 - Flat sketch to Final Sketch based on theme
 - Preparation of Mood board
 - Photo shoot
 - Compose the above details as portfolio sheets

Pedagogy:

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

Reference book:

S.N o.	Author	Title of the Book	Publishers	Year of publication
1	Parragon	Fashion Handbook: Everything You Need to Know About Style	Parragon Inc	(1 February 2008)
2	Lisa Steinberg	Beginner's Guide to Sketching the Fashion Figure: Croquis to Design	Fairchild Books	(2 April 2020)
3	<u>Lisa Steinberg</u>	Beginner's Guide to Sketching the Fashion Figure	Bloomsbury Publishing	Feb 20 2020

Course Designer:

Dr.R.Radhika

Course Code	Course Name	Category	L	T	P	Credit
CF23C03	PATTERN MAKING AND GRADING	Theory	58	2	-	3

Preamble

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

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Identify body measurement	K1
CLO2	Discriminate between drafting and draping methods	K2
CLO3	Apply concepts of style variations from basic pattern	K3
CLO4	Outline solutions for pattern alterations and pattern layout	K4

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium

Syllabus

UNIT I

12hrs

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 and gentlemen.

UNIT II

12hrs

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**11hrs**

Styles created by shifting of blouse darts, adding fullness to the bodice, converting darts to seam, partial yokes - 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**11hrs**

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**12 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.

Pedagogy

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

TextBooks

S.No.	Author	Title of the Book	Publishers	Year and edition
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	Conne Amaden	Crawford, "Fashion Sewing: Advanced Techniques"	Bloomsbury Publishing Plc., UK	2020 1 st Edition
5	Helen Joseph	Pattern Making for Fashion Design	Peason Educations, New Delhi	2013 5 th Edition
6	Kathy K. Mullet	Concepts of Pattern Grading Techniques for Manual and Computer Grading	Bloomsbury Publishing	2015 3 rd Edition
7	Sterlacci , Francesca	Pattern Making: Techniques for Beginners	Laurence King	2019
8	Nakamichi , Tomoko	Pattern Magic 3 English Edition.	Laurence King	2016

Reference Link

<https://techpacker.com/blog/design/pattern-grading-in-the-fashion-garment-industry/>

<https://patternlab.london/home/what-is-pattern-grading-basic-pattern-making/>

<https://ebooks.inflibnet.ac.in/hsp07/chapter/basics-of-pattern-making-flat-pattern-method/>

<https://sewport.com/learn/pattern-making>

Course Designer:

Dr.R.Radhika

Course Code	Course Name	Category	L	T	P	Credit
CF23P03	APPAREL DESIGN AND DEVELOPMENT LAB I	Practical	-	-	105	5

Preamble

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

Course Learning Outcomes

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

CLOs Number	CLO Statement	Knowledge Level
CLO1	Enumerate the design and pattern development for children's garment.	K2
CLO2	Apply pattern layout skills to optimize fabric usage and construction of children garment	K3
CLO3	Calculate the cost estimation for constructed garment.	K4
CL04	Determine design and product development for a particular garment	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	S	S	S
CLO4	S	S	S	S	S

S- Strong

Syllabus

1. Designing and pattern development - baby set (jabla, panty, bib, bonnet) **10hrs**
2. Garment development and cost estimation - baby set (jabla, panty, bib, bonnet) **15 hrs**
3. Designing and pattern development - romper / baba suit **7 hrs**
4. Garment development and cost estimation - romper / baba suit **10 hrs**
5. Designing and pattern development - summer frock with embroidery **5 hrs**
6. Garment development and cost estimation - summer frock with embroidery **8 hrs**
7. Designing and pattern development - kurta and pyjama **5 hrs**
8. Garment development and cost estimation - kurta and pyjama **10 hrs**
9. Designing and pattern development - jumpsuit / shorts **5 hrs**
10. Garment development and cost estimation - jumpsuit / shorts **10 hrs**
11. Design Development (any one Garment) **10 hrs**

- Research and theme
 - Design finalization and material sourcing
 - Measurements and specification sheets
12. Product Development
- Pattern development and layout
 - Garment construction and image capture
 - Convert to design sheets

10 hrs

Pedagogy

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

Text Books:

S.No.	Author	Title of the Book	Publishers	Year and edition
1	Emma Hardy	Making Children's Clothes	Cico	2009
2	Laura strutt	Sewing for Babies and Children	Freelance	2017
3	Rene Bergh	Kids Clothes Sew Easy	Struik publisher	2003
4	Yoshiko Tsukiori	Girls Style Book	Tuttle publishing	2012

Reference Link:

<https://www.youtube.com/watch?v=yfg9XBGPovc>

<https://www.youtube.com/watch?v=0PJS8uCR988>

<https://www.youtube.com/watch?v=PNM7wJiVSUc>

Course Designer:

Dr.R.Radhika

Course Code	Course Name	Category	L	T	P	Credit
CF23AP3	DRAPING LAB	Practical	-	-	90	4

Preamble

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

Course Learning Outcomes

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

CLOs	CLO Statement	Knowledge Level
CLO1	Recognise fabric for draping basic pattern	K2
CLO2	Translate the draped fabric as paper pattern	K2
CLO3	Apply draping concepts for men's wear	K3
CLO4	Experiment draping skills through women's wear	K4

Mapping with Programme Learning Outcomes

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

S- Strong; M-Medium; L-Low

Syllabus

1. Preparation of dummies and fabric for draping **5 hrs**
2. Draping front bodice **6 hrs**
3. Draping back bodice **6 hrs**
4. Draping basic sleeve **6 hrs**
5. Draping raglan sleeve and cowl sleeve **12 hrs**
6. Draping- peter pan, mandarin and shawl collar **12 hrs**
7. Draping yokes –yoke with fullness (any three style) and midriff yoke. **12 hrs**
8. Draping – T-shirt and trouser **10 hrs**
9. Draping –skirt and full dress (gown / maxi) **9 hrs**
10. Draping – innovative garment (male / female) **12 hrs**

Pedagogy

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

Reference Link:

<https://youtu.be/BhG9Sp3UutI>
<https://youtu.be/SXNgrRp2EU4>
https://youtu.be/jJ_RnpbGzbc

Course Designer:

Dr.R.Radhika

Course Number	Course Name	Category	L	T	P	Credit
CS23SBGP	SBS I - Gen-AI	Practical	-	1	44	3

Preamble

The objective of this course is to understand the breadth and depth of Generative Artificial Intelligence (Gen AI) and to impart knowledge on its ethical implications, practical applications, and emerging trends.

Course Learning Outcomes

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

CLO Number	CLO Statement	Knowledge Level
CLO1	Understand the fundamental concepts and ethical considerations of Generative AI.	K2
CLO2	Apply AI principles in practical settings using basic AI tools and platforms	K3
CLO3	Develop advanced skills in specialized AI applications such as text analysis, natural language processing, and image recognition.	K3
CLO4	Explore emerging trends in AI, integrating advanced AI tools into diverse professional practices.	K4

Mapping with Programme Outcomes

CLOs	PO1	PO2	PO3	PO4	PO5
CLO1	S	S	S	S	M
CLO2	S	S	S	S	S
CLO3	S	S	M	S	S
CLO4	S	M	S	M	S

S- Strong; M-Medium;

SBS I: Gen-AI - CS23SBGP

(44 Hrs)

Unit 1: Introduction to Gen AI

(9 hours)

Understanding Gen AI: Definition and scope of Gen AI - Overview of its applications in various fields
 - Introduction to essential skills needed for Gen AI. Ethical Considerations: Discussion on ethical guidelines and responsible use of AI - Understanding the impact of AI on society and individuals.

Hands-on Activity: Exploring AI Tools

- Working with appropriate content creation Gen-AI tools to engage with ChatGPT to explore various subjects, simulate interviews, or create imaginative written content.
- Working with appropriate writing and rephrasing Gen-AI tools to drafting essays on designated topics and refining the content with improved clarity, coherence, and correctness.

Unit 2: Basic AI Concepts

(8 hours)

Introduction to AI: Basic concepts and terminology of artificial intelligence - Examples of AI in everyday life - Real-world examples of AI applications in different domains. Machine Learning Basics: Understanding the principles of machine learning - Overview of supervised and unsupervised learning.

Hands-on Activity: Simple AI Projects

- Working with appropriate educational content creation Gen-AI tools to generate quizzes and flashcards based on classroom material.
- Working with appropriate language learning Gen-AI tools to practice and enhance language skills through interactive exercises and games across multiple languages.

Unit 3: AI in Practice

(9 hours)

Text Analysis and Natural Language Processing (NLP): Introduction to NLP concepts and techniques - Hands-on exercises analyzing text data and extracting insights. Image Recognition and Processing: Basics of image recognition algorithms and techniques - AI Tools for Text and Image Processing

Hands-on Activity: Text and Image Projects

- Working with appropriate image processing Gen-AI tools to experiment with AI-generated images.
- Working with appropriate object recognition Gen-AI tools to identify various objects such as text, images, products, plants, animals, artworks, barcodes, and QR codes.

Unit 4: AI for Productivity and Creativity

(9 hours)

AI-enhanced Productivity and creativity Tools: Overview of productivity and creativity tools enhanced with AI capabilities - Tips for integrating AI into daily tasks and workflows. AI and Jobs: Exploring how AI impacts jobs and industries - Discussion on opportunities and challenges - Exploration of AI-powered creative tools and applications.

Hands-on Activity: Productivity and Creativity

- Working with appropriate content creation Gen-AI tools to generate interactive videos / blog posts / art / drawing / music and storytelling experience.
- Working with appropriate resume generation Gen-AI tools to create professional resumes efficiently.

Unit 5: Future of Gen AI and Final Project

(9 hours)

Emerging Trends in Gen AI - Applications of Generative AI - Ethical and Societal Impact of Gen AI - Future Directions and Challenges - Case Studies in Generative AI.

Hands-on Activity: Trends in Gen AI

- Working with appropriate speech generation Gen-AI tools to customize synthetic speech for virtual assistance across different applications.
- Working with appropriate data analysis Gen-AI tools to perform data analysis, visualization, and predictive modeling tasks.
- Working with appropriate Gen-AI design tools to simplify the creation of visually appealing presentations.
- Working with appropriate website builder Gen-AI tools to develop professional websites with AI assistance.

Pedagogy

Demonstration of AI Tools, Lectures and Case studies.

Course Designer:

Mrs. S. Ponmalar