



ALAGAPPA UNIVERSITY



(A State University Established in 1985)

Karaikudi - 630003. Tamil Nadu, India



FACULTY OF EDUCATION ALAGAPPA INSTITUTE OF SKILL DEVELOPMENT



PG DIPLOMA IN FASHION DESIGNING REGULATIONS AND SYLLABUS

(For the candidates admitted from the
Academic Year 2022 - 2023)

**ALAGAPPA INSTITUTE OF SKILL DEVELOPMENT
ALAGAPPA UNIVERSITY, KARAIKUDI.
SYLLABUS UNDER CBCS PATTERN (w.e.f.2022-23)
PG DIPLOMA IN FASHION DESIGNING**

Degree	Sem	Subject code	COURSES	Course Name	T/P	Credits		Hrs./ Week	Marks		Total	
						Skill	General		Int.	Ext		
Post-Graduate Diploma in Fashion Designing	I	2FD1C1	Core – I	Fundamentals of Apparel Designing	T	5	--	5	25	75	100	
		2FD1P1	Core – II	CAD LAB – I	P	4	--	4	25	75	100	
		2FD1P2	Core- III	Fashion Designing-Lab	P	5	--	5	25	75	100	
		2FD1P3	Core – IV	Sewing Techniques-Lab	P	4	--	4	25	75	100	
		2FD1G1	General-I	Fashion Designing and Business Communication	T	--	4	4	25	75	100	
		2FD1G2	General-II	Principles of Pattern Making and Grading-Lab	P	--	4	4	25	75	100	
			DSE I	Elective- I	T	--	4	4	25	75	100	
				Sub-Total			18	12				
				Total for Semester- I				30	30	--	--	700
	II	2FD2C1	Core – V	Textile Dyeing and printing	T	4	--	4	25	75	100	
		2FD2C2	Core –VI	Apparel Production planning andControl	T	4	--	4	25	75	100	
		2FD2P1	Core –VII	Portfolio Presentation and Design Collection– Lab	P	4	--	4	25	75	100	
		2FD2P2	Core – VIII	CAD LAB – II	P	3	--	3	25	75	100	
		2FD2MP	Core– IX	Mini-Project		3	--	3	25	75	100	
		2FD2G1	General- III	GarmentConstruction for Adult Wear–Lab	P	--	4	4	25	75	100	
			DSE II	Elective- II-Lab	P	--	4	4	25	75	100	
			DSE III	Elective- III	T	--	4	4	25	75	100	
				Sub-Total		--	18	12				
			Total for Semester-II				30	30	--	--	800	
		Total Credits (PG Diploma Programme)				60	60			1500		

Elective-I

- | | | |
|--------------------------------------|---|--------|
| 1. Apparel Merchandising and Costing | – | 2FD1E1 |
| 2. Fashion Clothing Psychology | – | 2FD1E2 |
| 3. Visual Merchandising | – | 2FD1E3 |

Elective- II- Lab

- | | | |
|---|---|--------|
| 1. Surface Ornamentation and Accessories Lab– | | 2FD2E1 |
| 2. Textile Testing- Lab | – | 2FD2E2 |
| 3. Textile Dyeing and Printing-Lab | – | 2FD2E3 |

Elective-III

- | | | |
|--|---|--------|
| 1. Corporate Etiquette Skills | – | 2FD2E4 |
| 2. Indian Traditional Textiles and Embroidery– | | 2FD2E5 |
| 3. Textile Finishing | – | 2FD2E6 |



I-Semester					
Core	Course Code: 2FD1C1	Fundamentals of Apparel Designing	T	Credits:5	Hours5
Unit –I					
Objective1	➤ To impart knowledge about different fiber, yarns and fabrics along with their properties				
Classification and Manufacturing of Textile Fibers Classification of fibers –natural and chemical – primary and secondary characteristics of textile fibers. Cotton, linen, Jute, silk, wool, man-made fibres –Viscose rayon, acrylic. Nylon, polyester. Recent innovation in minor fibers.					
Outcome1	The students gain in depth knowledge about properties of fiber.				K1
Unit – II					
Objective2	To understand the Spinning Classification and its application in various end uses.				
Spinning Definition, Classification – Chemical – wet, dry and melt and mechanical spinning – blending, opening, cleaning, doubling, carding, combing, drawing, roving, spinning. Yarn classification– definition, classification – simple and fancy yarns, Sewing threads and its properties.					
Outcome2	Identify the functions and end uses of Spinning Classification.				K2
Unit – III					
Objective3	To interpret the Weaving and knitting function.				
Weaving and knitting Weaving, parts of loom - loom motions and basic process, basic weaves –plain, twill, and satin. Fancy weaves- pile, double cloth, leno, swivel, doobby and jacquard. Introduction about knitting, classification of warp and weft knitting and end uses. Non-Woven- felting, fusing, bonding, Lamination, netting, braiding and crocheting.					
Outcome3	The students able to demonstrate the Weaving and knitting process..				K3
Unit- IV					
Objective4	The students able to examine the Basic Sewing Techniques.				
Basic Sewing Techniques Parts and functions of a single needle machine, essential tools – cutting tools, measuring tools, marking tools, general tools, pressing tools, seams and seam finishes – types, working of seams and seam finishes Hems – types, stitches used. Fullness, Binding, Plackets, Fasteners, Sleeves, Yokes, Collars, Pockets.					
Outcome4	In right knowledge in differentiating various stitching mechanism.				K4
Unit- V					
Objective5	To appraise the Body Measurements and tools used for clothing construction.				
Body Measurements Importance, tools used for clothing construction, fabric preparation for sewing. Pattern layout. Methods of pattern making, commercial pattern. Pattern grading and computerized Grading. Pattern alteration and its principles.					
Outcome5	Criticize the process of clothing construction.				K5



Suggested Reading:-

Uddin, F. (Ed.). (2019). *Textile Manufacturing Processes*. BoD–Books on Demand. Zakaria, N., & Gupta, D. (Eds.). (2019). *Anthropometry, apparel sizing and design*. Woodhead Publishing.

Thangamani, K., & Sundaresan, S. (2022). *Fabric Manufacturing Technology: Weaving and Knitting*. CRC Press.

Sekhri, S. (2022). *Textbook of Fabric Science: Fundamentals to Finishing*. PHI Learning Pvt. Ltd..

Chris Jefferys, (2015). *101 Essential Tips Basic Sewing*. London: DK Publishing, inc.

Besty Zuniga-Zabala, M. F., & Guerra-Gomez, J. A. (2022). *Lessons Learned Building Low-Cost DIY Tactile Graphics and Conducting a Tactile Drawing Club in Colombia During COVID 19*. In CHI Conference on Human Factors in Computing Systems Extended Abstracts (pp. 1-10).

Uddin, F. (2019). Introductory chapter: textile manufacturing processes. In *Textile manufacturing processes*. Intech Open.

Online Resources

<https://textilelearner.net/classification-of-textile-fibers/>

<https://www.dictionary.com/browse/spinning#:~:text=the%20act%20or%20process%20of,a%20spinner%20to%20form%20filaments.>

<https://theinspiredsewist.com/10-basic-stitches-you-should-know/>

K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create
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Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	L(1)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)
CO4	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO5	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
W.AV	2.2	2.2	2.2	2.2	2.4	2.2	2.2	2.2	2.2	2

S–Strong (3), M–Medium (2), L–Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	L(1)
CO2	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	S(3)	M(2)	M(2)
CO4	M(2)	M(2)	M(2)	S(3)	M(2)
CO5	M(2)	M(2)	M(2)	S(3)	S(3)
W.AV	2.2	2.2	2.2	2.4	2

S–Strong (3), M–Medium (2), L–Low (1)



I-Semester					
Core	Course Code 2FD1P1	CAD- Lab - I	P	Credits4	Hours4
Unit –I					
Objective1	To memories about various processes to make different textures and patterns				
	➤ Create different textures and patterns .Develop different backgrounds.				
Outcome1	The students gain in depth knowledge about different textures and patterns				K1
Unit – II					
Objective2	To recognize several kinds boards.				
	➤ Prepare theme board, color board, customer focus and dress designing.				
Outcome2	Identify the functions and end uses of boards.				K2
Unit – III					
Objective3	To interpret the Developments of motif and Creating designs				
	➤ Developments of motif, color application, create design from developed motif.				
	➤ Creating designs –Traditional, stylized, Geometry Abstract motif.				
Outcome3	The students able to demonstrate the motif and Creating designs				K3
Unit- IV					
Objective4	The students able to examine different styled pattern.				
	➤ Horizontal stripes, vertical stripes and plaids, One-way, two-way, half drop pattern and tossed.				
	➤ Brick pattern Diamond pattern, diaper pattern, ogee pattern.				
Outcome4	In right knowledge in differentiating various pattern.				K4
Unit- V					
Objective5	To appraise the Preparation of garment				
	➤ Preparation of garment design from developed motif.				
	➤ Preparation of upholstery item from developed motif				
Outcome5	Criticize the process of Preparation of garment				K5
Online Resources					
https://textilelearner.net/classification-of-textile-fibers/					
https://www.dictionary.com/browse/spinning#:~:text=the%20act%20or%20process%20of,a%20s pinneret%20to%20form%20filaments.					
https://theinspiredsewist.com/10-basic-stitches-you-should-know/					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	S(3)	S(3)	L(1)	L(1)	L(1)	L(1)	S(3)
CO2	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
CO3	S(3)	M(2)	S(3)	S(3)	S(3)	L(1)	L(1)	L(1)	L(1)	S(3)
CO4	S(3)	S(3)	M(2)	S(3)	S(3)	L(1)	L(1)	L(1)	L(1)	S(3)
CO5	S(3)	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	3	2.6	2.6	3	3	2.4	1.4	1.4	1.4	3

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	M(2)	L(1)	S(3)
CO2	S(3)	L(1)	L(1)	M(2)	S(3)
CO3	S(3)	M(2)	M(2)	L(1)	S(3)
CO4	S(3)	M(2)	M(2)	L(1)	S(3)
CO5	S(3)	L(1)	L(1)	S(3)	S(3)
W.AV	3	1.8	1.6	1.6	3

S–Strong (3), M-Medium (2), L-Low (1)



I-Semester					
Core	Course Code 2FD1P2	Fashion Designing -Lab	P	Credits5	Hours:5
Unit –I					
Objective 1	To memories about various processes flow takes place in garment industry.				
	➤ Introduction to fashion drawing Pencil shading and smudging techniques - Human figures in Proportion Using8-head theory.				
Outcome1	The students gain in depth knowledge about garment manufacturing industry.				K1
Unit – II					
Objective2	To recognize several kinds of cutting equipment and its importance.				
	➤ Drawing of eyes, nose, ears and lips.				
Outcome2	Identify the functions and end uses of cutting equipment's.				K2
Unit – III					
Objective 3	To interpret the special attachments used in sewing machineries.				
	➤ Drawing of Hands and legs – Different poses. Drawing of face and hairstyle.				
Outcome3	The students able to demonstrate the purpose of special attachments in sewing machineries.				K3
Unit- IV					
Objective4	The students able to examine various stitching mechanism.				
	➤ Sketching of Necklines and collars(3) ➤ Drawing of sleeves and pockets, yokes(3)				
Outcome4	In right knowledge in differentiating various stitching mechanism.				K4
Unit- V					
Objective5	To appraise the significance of finishing in the process of making clothing.				
	➤ Sketching of pants shirt and tops(3) ➤ Elements, principles of design and its application in dress design.				
Outcome 5	Criticize the process of finishing in garment making.				K5
Online Resources					
https://en.wikipedia.org/wiki/Fashion#:~:text=Fashion%20design%20is%20the%20art,varied%20over%20time%20and%20place.					
https://nift.ac.in/bfd					
https://www.shiksha.com/design/fashion-designing-chp					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)
CO4	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.2	2.2	2.2	2.2	2.4	2.2	2	2.2	2.2	2.6

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	S(3)	M(2)	S(3)
CO4	M(2)	M(2)	M(2)	S(3)	S(3)
CO5	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.2	2.2	2.2	2.2	2.6

S–Strong (3), M-Medium (2), L-Low (1)



I-Semester						
Core	Course Code 2FD1P3	Sewing Techniques -Lab	P	Credits:4	Hours:4	
Unit –I						
Objective1	To memories about various processes flow takes place in garment industry.					
<ul style="list-style-type: none"> ➤ Preparation of samples for Seams and Seam Finishes. ➤ Preparation of samples for Hems. 						
Outcome1	The students gain in depth knowledge about garment manufacturing industry.			K1		
Unit – II						
Objective2	To recognize several kinds of cutting equipment and its importance.					
<ul style="list-style-type: none"> ➤ Preparation of samples for Fullness. ➤ Preparation of samples for Facings and Binding. 						
Outcome2	Identify the functions and end uses of cutting equipment.			K2		
Unit – III						
Objective3	To interpret the special attachments used in sewing machineries.					
<ul style="list-style-type: none"> ➤ Preparation of samples for Plackets and Fasteners. ➤ Preparation of samples for Sleeves-Plain Sleeve / Puff Sleeve (anyone type) 						
Outcome3	The students able to demonstrate the purpose of special attachments in sewing machineries.			K3		
Unit- IV						
Objective4	The students able to examine various stitching mechanism.					
<ul style="list-style-type: none"> ➤ Preparation of samples for Yokes –with and without Fullness. ➤ Preparation of samples for Collar- Peter Pan Collar, Full Shirt Collar and Shawl Collar. 						
Outcome4	In right knowledge in differentiating various stitching mechanism.			K4		
Unit- V						
Objective 5	To appraise the significance of finishing in the process of making clothing.					
<ul style="list-style-type: none"> ➤ Preparation of samples for Pocket- Patch, Bound and Side Seam. ➤ Preparation of basic kids garments. 						
Outcome	Criticize the process of finishing in garment making.			K5		
Online Resources						
https://ctnbee.com/blog/en/basic-sewing-techniques-review/ https://sewing.com/sewing-techniques-sewers-should-master/ https://www.fibre2fashion.com/industry-article/40/basic-sewing-techniques						
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create	



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
CO2	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)
CO3	M(2)	M(2)	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)
CO4	M(2)	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)
CO5	S(3)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	M(2)
W.AV	2.4	2.4	2.2	2.2	2.6	2.2	2.4	2.2	2.4	2.8

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	S(3)
CO2	M(2)	M(2)	M(2)	S(3)	S(3)
CO3	M(2)	S(3)	S(3)	M(2)	S(3)
CO4	M(2)	S(3)	M(2)	M(2)	S(3)
CO5	S(3)	M(2)	M(2)	S(3)	M(2)
W.AV	2.4	2.4	2.2	2.4	2.8

S–Strong (3), M-Medium (2), L-Low (1)



I-Semester					
General	Course Code 2FD1G1	Fashion Designing and BusinessCommunication	T	Credits:4	Hours:4
Unit –I					
Objective1	To memories about various processes flow takes place in garment industry.				
Fashion:- Definition, Fashion terminologies – fad, chic, knock off, avant-garde – Fashion cycle – Fashion forecasting – Factors influencing in fashion. Fashion centers and famous national and international fashion designers.					
Outcome1	The students gain in depth knowledge about garment manufacturing industry.			K1	
Unit – II					
Objective2	To recognize several kinds of cutting equipment and its importance.				
Design: - Introduction to design – Types of design – Elements and their importance in a design – Line, size, shape, color and texture.					
Outcome2	Identify the functions and end uses of cutting equipments.			K2	
Unit – III					
Objective3	To interpret the special attachments used in sewing machineries.				
Principles of design in fashion:- Balance and its types – Proportion and its application in garment design – Emphasis – Creating emphasis in a garment using various techniques – Harmony and its impact in garment design – Rhythm – Application of rhythm in garment design.					
Outcome3	The students able to demonstrate the purpose of special attachments in sewing machineries.			K3	
Unit- IV					
Objective4	The students able to examine various stitching mechanism.				
Colour: - Introduction to color theories (Prang and Munsell) – Dimensions of colour – Warm and cool colours – colour schemes – colour psychology.					
Outcome4	In right knowledge in differentiating various stitching mechanism.			K4	
Unit- V					
Objective5	To appraise the significance of finishing in the process of making clothing.				
Fashion Marketing and communication:- Introduction, components of fashion marketing communications. The process of marketing communications development, models of mass communication, the role of marketing communication in consolidating brand position and influencing consumer perception of fashion brands. The role of advertising -encoding messages, advertising control bodies, creating and designing appropriate marketing communications strategies.					
Outcome5	Criticize the process of finishing in garment making.			K5	



Suggested Reading:-

Mitchell, J. B. A., & Florescu-Mitchell, A. I. (2022). *Practical Guide To Scientific And Technical Translation, A: Publishing, Style And Terminology*. World Scientific.

Kim, I., & Uh, M. (2002). *Apparel making in fashion design*. Fairchild Books.

Antoine, D. (2020). *Fashion Design: A Guide to the Industry, the Creative Process*.

Moore, G. (2021). *Fashion promotion: Building a brand through marketing and communication*. Bloomsbury Publishing.

Mitterfellner, O. (2019). *Fashion marketing and communication: Theory and practice across the fashion industry*. Routledge.

Moore, G. (2021). *Fashion promotion: Building a brand through marketing and communication*. Bloomsbury Publishing.

Sorger, R., & Udale, J. (2017). *The fundamentals of fashion design*. Bloomsbury Publishing.

Online Resources

<https://design.careers360.com/articles/difference-between-fashion-designing-and-fashion-communication>

<https://www.collegedekho.com/articles/fashion-designing-vs-fashion-communication/>

<https://fashinza.com/brands-and-retail/marketing/importance-of-communication-in-the-fashion-industry/>

K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create
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Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	L(1)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)
CO4	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO5	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
W.AV	2.2	2.2	2.2	2.2	2.4	2.2	2.2	2.2	2.2	2

S–Strong (3), M–Medium (2), L–Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	L(1)
CO2	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	S(3)	M(2)	M(2)
CO4	M(2)	M(2)	M(2)	S(3)	M(2)
CO5	M(2)	M(2)	M(2)	S(3)	S(3)
W.AV	2.2	2.2	2.2	2.4	2

S–Strong (3), M–Medium (2), L–Low (1)



I-Semester					
General	Course Code 2FD1G2	Principles of Pattern Making and GradingLAB	P	Credits:4	Hours:4
Unit –I					
Objective1	To memories about various processes flow takes place in garment industry.				
Introduction to patternmaking. Patternmaking tools, Preparation of child bodice block and basic blocks front, back and sleeve. Dart manipulation–Pivot and slash& spread method.					
Outcome1	The students gain in depth knowledge about garment manufacturing industry.				K1
Unit – II					
Objective2	To recognize several kinds of cutting equipments and its importance.				
<ul style="list-style-type: none"> ➤ Draft and grade the Patterns for the following <ul style="list-style-type: none"> • Sleeve–Plain, Puff sleeve at top and bottom and Bell sleeve • Collar–Shirt collar, Peter pan and Stand collar • Yoke–Simple and Partial yoke 					
Outcome2	Identify the functions and end uses of cutting equipments.				K2
Unit – III					
Objective3	To interpret the special attachments used in sewing machineries.				
<ul style="list-style-type: none"> ➤ Draft and construct the pattern for Kids wear–Bib, A line frock, Sunsuit, panty, Umbrella frock, Jhabla. 					
Outcome3	The students able to demonstrate the purpose of special attachments in sewing machineries.				K3
Unit- IV					
Objective4	The students able to examine various stitching mechanism.				
<ul style="list-style-type: none"> ➤ Draft and construct the pattern for Women’s Garment’s– Six core saree petticoat, Salwar Kameez, Chudidhar, Skirt, Nightie, Blouse. 					
Outcome4	In right knowledge in differentiating various stitching mechanism.				K4
Unit- V					
Objective5	To appraise the significance of finishing in the process of making clothing.				
<ul style="list-style-type: none"> ➤ Draft and construct the pattern for Men’s Garments–Basic T-shirt with half sleeve. Polo T-shirt with half sleeve, SB waist coat, Men’s Kurta with stand collar. Bermuda with side pockets. 					
Outcome5	Criticize the process of finishing in garment making.				K5
Online Resources					
https://techpacker.com/blog/design/pattern-grading-in-the-fashion-garment-industry/ https://en.wikipedia.org/wiki/Pattern_grading https://kamarajwomenscollege.ac.in/wp-content/uploads/Allied-1-Pattern-Making-and-Grading.pdf					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)
CO3	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)
CO4	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.2	2.2	2.2	2.2	2.2	2	2.2	2.2	2.2	3

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	S(3)
CO2	M(2)	S(3)	M(2)	M(2)	S(3)
CO3	M(2)	M(2)	M(2)	S(3)	S(3)
CO4	M(2)	M(2)	M(2)	S(3)	S(3)
CO5	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.2	2.2	2	2.4	3

S–Strong (3), M-Medium (2), L-Low (1)



II- Semester					
Core	Course Code 2FD2C1	Textile Dyeing and Printing	T	Credits:4	Hours: 4
Unit -I					
Objective1	To impart knowledge about water quality require for wet processing industries.				
Water Water hardness, types, quality required for wet processing industries, softening process, Ionex change, sequestering agent methods, roleof textile auxiliaries, types of auxiliaries, preparatory Process sequence for woven and knitted fabrics.					
Outcome 1	Students poses a thorough knowledge of the water quality required for wet processing industries.			K1	
Unit - II					
Objective2	To describe the preparatory process for dyeing and printing.				
Preparatory process Desizing -objectives and various types of desizing, scouring- objectives, scouring method and process. Bleaching – types of bleaching agents, bleaching process, optical brighteners. Mercerization- objectives, types of mercerization, yarn and cloth mercerization, advantages, changes occur During mercerization.					
Outcome 2	Students have proper understand about Preparatory process and its function			K2	
Unit – III					
Objective3	To educate students about textile dyeing.				
Dyeing Definition, classification of dyes – Natural and synthetic dyes, stages of dyeing. Basic dye, Direct, Reactive, Vat, acid, Disperse, Sulphur. Dyeing machines used for different stages of dyeing. Jigger, Winch, HTHP machines. Natural dyes- types, advantages and disadvantages. Colour fastness testing.					
Outcome 3	Students will be able to apply dye on fabric.			K3	
Unit- IV					
Objective 4	To learn about textile printing.				
Printing Definition, types, methods of printing, dye paste preparation, after treatment. Direct printing – Block, Stencil, screen, roller printing, Duplex printing. Discharge printing; Resist printing– Batik, Tie and dye. Flock printing, photo printing, warp printing, airbrush printing. Other printing –flock, transfer, digital.					
Outcome 4	Students are able to examine the various textile printing techniques and types in order to design on fabric.,			K4	



Unit- V					
Objective 5	To value basic ideas about textile finishing.				
Finishing Objectives of finishing, temporary and permanent finish. Methods – mechanical finish - Calendaring, tendering, stiffening, glazing, embossing, Moiring, napping, singeing, sanforising, enzyme finish. Chemical finish – bio polishing, flame retardant finish, and wrinkle free finish, water proofing, water repellency, wash and wear finish.					
Outcome 5	Students have the skills for evaluate the methods of finishes				K5
Suggested Reading:- Degani, O. (2021). Synergism between cutinase and pectinase in the hydrolysis of cotton fibers' cuticle. <i>Catalysts</i> , 11(1), 84. Flint, I. (2008). Eco colour: botanical dyes for beautiful textiles. <i>United States: Interwave Press Inc.</i> D. Gopalakrishnan (2016) <i>Basics of Textile Chemical Processing</i> , Tamil nadu Daya PublishingHouse. Kornblum, S., & Requin, J. (Eds.). (2019). <i>Preparatory states and processes</i> . Psychology Press. V.A.(2019). <i>Technology of Textiles Processing</i> . Mumbai: Sevak Publications. Babu, K. M., Selvadass, M., Shisodiya, M., & Kabish, A. K. (2021). <i>Abstract Pattern Illustrations for Textile Printing</i> . Springer Nature. Ziarani, G. M., Moradi, R., Lashgari, N., & Kruger, H. G. (2018). Azo dyes. In <i>Metal-free synthetic organic dyes</i> (pp. 47-93). Elsevier.					
Online Resources https://www.bing.com/ck/a?!&&p=f68b5d02dd7f15b6JmltdHM9MTY5MDI0MzIwMCZpZ3VpZD0yYzg4Yzc5Zi04MzhhLTY4MTItMjkwNy1kNTJiODIyNzY5YjgmaW5zaWQ9NTE5Nw&ptn=3&hsh=3&fclid=2c88c79f-838a-6812-2907-2-d52b822769b8&psq=types+of+finishes+in+textiles&u=alaHR0cHM6Ly90ZXh0aWxlZmFsdWVjaGFpbi5pbi9uZXdzLWluc2lnaHRzL2RpZmZlcmVudC10eXBicy1vZi10ZXh0aWxlLWZpbmlzaGVzLw&ntb=1 https://www.bing.com/ck/a?!&&p=f68b5d02dd7f15b6JmltdHM9MTY5MDI0MzIwMCZpZ3VpZD0yYzg4Yzc5Zi04MzhhLTY4MTItMjkwNy1kNTJiODIyNzY5YjgmaW5zaWQ9NTE5Nw&ptn=3&hsh=3&fclid=2c88c79f-838a-6812-2907-2					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)
CO4	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)
CO5	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)
W.AV	2.6	2.4	2.2	2.4	2.2	2.4	2.4	2.4	2.4	2

S–Strong (3), M-Medium (2),

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	S(3)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	M(2)	M(2)
CO4	M(2)	S(3)	S(3)	S(3)	M(2)
CO5	S(3)	M(2)	S(3)	M(2)	M(2)
W.AV	2.4	2.4	2.4	2.2	2

S–Strong (3), M-Medium (2), L-Low (1)



II-Semester					
Core	Course Code 2FD2C2	Apparel Production Planning and Control	T	Credits:4	Hours:4
Unit - I					
Objective1	To memorize about various department and organization structure of an apparel industries.				
An overview of apparel industry – Organization structure of an apparel industry - different departments in apparel industry and its role. Spreading & cutting: Types and working procedures. Cutting machines: Types of cutting machines and its application – Detailed study on band knife, straight knife, round knife & Die cutting machines. Computerized cutting machines. Auxiliary cutting Devices – Drills, notches.					
Outcome 1	The students gain in-depth knowledge about various department and organization structure of an apparel industries.				K1
Unit - II					
Objective 2	To recognize several kinds of sewing machine.				
Sewing machine: Lock stitch machine - function & its types - Features of advanced lock stitch machines. Over lock machine - Function & its functions. Flat lock machines. Feeding mechanism, importance & its types. Needle mechanism, Stitching mechanism. . Bar tacking machine. Picoting Machine.					
Outcome 2	Students able to classify the importance of machineries and technology in garment construction.				K2
Unit - III					
Objective 3	Interpreting the unique technique applied to the finished product.				
Garment Industry Processing: Fusing – Sucking – Ironing - Packing. Pressing - Purpose of pressing – Categories of pressing - The means of pressing-pressing equipment and methods - Iron and steam presses. Packaging - Types of package forms - Types of packaging materials - Quality specification of packaging materials - Merchandising packaging. Shipment packaging - Selection of package design.					
Outcome 3	Students able to demonstrate the special process applied to the finished product.				K3
Unit IV					
Objective 4	To acquaint students with importance of quality control and working atmosphere of apparel industries.				
Quality Control: Definition and Scope of Quality Control – Quality Control of Raw Material. Importance of Quality & Testing Laboratories – Standards – objectives of Testing – atmospheric conditions for testing lab. Meaning & Definition – Study on ISO 9001:2000 Quality audit: Types of quality audit - Audit Procedure Requirements and characteristic of a Quality auditor.					
Outcome 4	In right knowledge in analysing the importance of quality control and working atmosphere of apparel industries.				K1,K4



Unit-V					
Objective5	To evaluate the fabric inspection system, AQL standards and QC tools.				
Inspection: Final inspection and its specification as per AQL standards Risks involved. Basic concepts of TQM, quality Principles of Total Quality, Management (TQM), Barriers to TQM, TQM Implementation in manufacturing and service sectors. Basics of PDCA, Kaizen, and 5“S. Application of seven QC tools in apparel industry.					
Outcome 5	Students able to evaluate tools and techniques of quality inspection for manufacturing and service.				K5
Suggested Reading:- Sarkar, P. (2015). <i>Garment Manufacturing: Processes, Practices and Technology</i> . Online Clothing Study. Jana, P., & Tiwari, M. (2020). <i>Industrial engineering in apparel manufacturing</i> . Apparel Resources Pvt. Ltd.. Uddin, F. (2019). Introductory chapter: textile manufacturing processes. In <i>Textile manufacturing processes</i> . Intech Open. Brahams, S. B. (2016). <i>The fundamentals of quality assurance in the textile industry</i> . Productivity Press. Nayak, R., & Padhye, R. (Eds.). (2017). <i>Automation in garment manufacturing</i> . Wood head Publishing. Wong, W. K. (Ed.). (2017). <i>Applications of computer vision in fashion and textiles</i> . Woodhead Publishing. Karthik, T., Ganesan, P., & Gopalakrishnan, D. (2016). <i>Apparel manufacturing technology</i> . CRC Press.					
Online Resources https://www.onlineclothingstudy.com/2017/05/production-planning-control-in-apparel.html https://www.amazon.in/Apparel-Manufacturing-Technology-T-Karthik-ebook/dp/B08NTT7ZG8 https://www.youtube.com/watch?v=BRk5WDWCyYM https://www.onlineclothingstudy.com/2021/09/managing-apparel-production-using.html					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	S(3)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	M(2)
CO4	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)
CO5	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
W.AV	2.4	2.4	2.6	2.2	2.2	2.4	2.4	2.3	2.4	2.2

4–Strong (3), M-Medium (2), L-Low (1)



Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	S(3)	M(2)
CO4	M(2)	M(2)	S(3)	M(2)	M(2)
CO5	S(3)	M(2)	S(3)	M(2)	S(3)
W.AV	2.4	2.4	2.4	2.2	2.2

S–Strong (3), M-Medium (2), L-Low (1)



II - Semester					
Core	Course Code 2FD2P1	Portfolio Presentation and DesignCollection– Lab	P	Credits:4	Hours:4
Objective 1	To help the student to identify their skill in the fashion designing field.				
Objective2	To prepare their portfolio based on theme and trend which may help in their carrier.				
Objective3	To predict the trends of fashion forecasting which help the students to do fashion research.				
Objective4	To develop portfolios according to their own innovations.				
Objective5	To prepare and evaluate the production cost and specification sheet.				
Portfolio Presentation					
1. Customer profile 2. Inspiration board 3. Mood Board 4. Colour board 5. Flat Sketch board 6. Illustration board 7. Swatch board 8. Trim board 9. Accessory board 10. Final Garment					
Outcome 1	Prepare own portfolio which exhibits their creative skills.				K1
Outcome 2	Update the fashion knowledge about the fabric colour and mood board.				K2
Outcome 3	Able to analyze the various types of sketching, fabrics and its optimized use.				K3
Outcome 4	Evaluate the current trend and develop portfolios relevant to its trend				K4
Outcome 5	Develop innovative design which create demand in the market.				K6
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)
CO4	S(3)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	M(2)
CO5	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)
W.AV	2.6	2.4	2.4	2.2	2.4	2.2	2.4	2.4	2.4	2.4

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	S(3)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	M(2)	S(3)
CO4	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	S(3)	M(2)	M(2)	S(3)	S(3)
W.AV	2.4	2.4	2.4	2.4	2.6

S–Strong (3), M-Medium (2), L-Low (1)



II-Semester					
Core	Course Code 2FD2P2	CAD- Lab - II	P	Credits: 3	Hours:3
Objective 1	To give knowledge about basic children's and adult garments.				
Objective2	Instruct about lay planning and pattern grading methods for kids wear.				
Objective3	Explain about pattern grading techniques and pattern grading methods for adult wear.				
Objective4	To analyze and design various kids garment.				
Objective5	To enable students to develop various women's garment.				
<p>1. Drafting Basic patterns for children and adult apparel.</p> <p>2. Drafting, Lay planning and pattern grading of Kids apparel.</p> <p>3. 3. Drafting, Lay planning and pattern grading of Adult apparel.</p> <p>4. Design and illustrate the children's wear – Casual wear, party wear, Executive wear and formal wear. (Any 2)</p> <p>5. Design and illustrate the women's wear – Casual wear, party wear, Executive wear and formal wear. (Any 2)</p>					
Outcome 1	Students able to grasp the fundamentals of using CAD for pattern making.				K1
Outcome 2	Students have proper understanding about pattern grading and they able to create various pattern sizes for kids garment.				K2,K6
Outcome 3	Able to design and making pattern for adult wear.				K3,K6
Outcome 4	Learners are able to analyze and create various styles of children's garment.				K4&K6
Outcome 5	Students have the ability to evaluate and design new design for women's garment.				K5,K6
Online Resources					
https://www.oreilly.com/library/view/pattern-cutting-for/9780857092311/					
https://www.sciencedirect.com/book/9780857092311/pattern-cutting-for-clothing-using-cad					
https://www.youtube.com/watch?v=n-tWecPMIQc					
https://www.youtube.com/watch?v=OTfuWb2M73s					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)
CO4	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)
CO5	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)
W.AV	2.6	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.4	2.8

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	M(2)	S(3)	S(3)
CO3	M(2)	S(3)	M(2)	S(3)	S(3)
CO4	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	S(3)	M(2)	S(3)	S(3)	S(3)
W.AV	2.4	2.4	2.4	2.8	2.8

S–Strong (3), M-Medium (2), L-Low (1)



II- Semester													
Core	Course Code 2FD2MP	Mini-Project			Credits:3	Hours:3							
<p>The Head of the Department / Director will assign a faculty member as the Mini-project Guide to a particular student concerned in the beginning of the second semester. The student has to fix the project theme / title by submitting a proposal. The work flow of the chosen project and other related guidelines can be had from the Mini- project Guide. During this second semester, there will be two „Reviews“ conducted by the Department and the students must present themselves in person and present the mini-project progress in the form of presentation in front of the mini-project guide. At the end of the semester, the student should prepare and submit a mini- project documentation report (not less than 30 pages, A4 size). The guide will award for 75 marks based on the performance in two reviews and the equality of the mini-project documentation report. The final mini-project viva-voice for 25 marks will be conducted by the Department with two examiners (one mini- project guide and another one designated by the COE)and the cumulative marks for100 will be given by the Department to the COE.</p> <table border="1" data-bbox="505 726 1118 890"> <thead> <tr> <th>Description</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Internal marks</td> <td>75</td> </tr> <tr> <td>Viva Voce</td> <td>25</td> </tr> <tr> <td>Total</td> <td>100</td> </tr> </tbody> </table>						Description	Marks	Internal marks	75	Viva Voce	25	Total	100
Description	Marks												
Internal marks	75												
Viva Voce	25												
Total	100												
Outcome 1	Define the problems of the particular environment and situation				K1								
Outcome 2	Understand the problems with the consideration of the environment				K2								
Outcome 3	Take-up their own project in garment production and other fashion area.				K3								
Outcome 4	Experimenting their own innovative ideas.				K4								
Outcome 5	By considering various areas apply creative knowledge to invent innovative products.				K6								
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create								

Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)
CO4	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)
CO5	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
W.AV	2.6	2.4	2.2	2.4	2.2	2.4	2.4	2.4	2.4	2.2

S–Strong (3), M-Medium (2), L-Low (1)



Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	S(3)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	M(2)	S(3)
CO4	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	S(3)	M(2)	M(2)	S(3)	S(3)
W.AV	2.4	2.4	2.4	2.4	2.6

S–Strong (3), M-Medium (2), L-Low (1)



II- Semester					
General	Course Code 2FD2G1	Garment Construction for Adult Wear- Lab	P	Credits: 4	Hours:4
Unit –I					
Objective1	To impart knowledge about basic women’s garment.				
	➤ Design and stitch the garment- Six core petticoat, Chuddar.				
Outcome 1	Students have the knowledge about basic women’s garment and the able to create basic women’s garment.				K1,K6
Unit – II					
Objective2	To educate students about different types of women’s garment.				
	➤ Prepare the paper pattern and stitch the garment – Salwar, Kameez, Nightie.				
Outcome 2	They summarize the paper pattern and stitch the garment–Salwar, Kameez, Nightie.				K2,K6
Unit – III					
Objective3	Explain about various kind of women’s blouses construction procedure.				
	➤ Prepare the paper pattern and stitch the garment - Blouse, Katori blouse.				
Outcome 3	Students will be able to analyze and develop the existing design of women’s blouses.				K4,K6
Unit- IV					
Objective4	To enhance their skills related to stitching and develop understanding related to men’s formal shirt.				
	➤ Prepare the paper pattern and stitch the garment- Formal shirt.				
Outcome 4	Students will be able to develop and create men’s formal shirt.				K5,K6
Unit- V					
Objective5	To learn about construction procedure of SB waist coat.				
	➤ Prepare the paper pattern and stitch the garment– SB waist coat.				
Outcome 5	Students have the ability to create different waist coat.				K6
Online Resources					
https://www.google.co.in/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiyzr2M5rOAAxUGzjgGHZSYCOAQtwJ6BAhAEAI&url=https%3A%2F%2Fwww.youtube.com%2Fwatch%3Fv%3D202mvOgsOT8&usq=AOvVaw0dEGsTcsiIvIFj70gawIQy&opi=89978449 https://www.google.co.in/search?sxsrf=AB5stBj1Wml0XEiz7pqXAYpL7eYzFLQ2Q:1690629665064&q=a+dult+wear+construction+process&tbm=isch&source=univ&fir=Nvju_52CotV-UM%252CmXsPMWATODPPaM%252C_%253BIfUEEib7mGpZZM%252CmXsPMWATODPPaM%252C_%253BNeiPS7DYDBYHbM%252CmXsPMWATODPPaM%252C_%253BjC9RpHtXU330oM%252CslVUR6CGSDP3pM%252C_%253Bks7YiwL3dg08XM%252C3vNxtGl_Guzd1M%252C_%253BN-qNDmGEfb-n3M%252CfSEHLcOc9renpM%252C_%253Bcnftk4t126nOOM%252CBi92ey-3.NBRtZYM%252C_%253Bo00nqQkSkZEdZM%252C_XJRzq14bnJutM%252C_%253BUp8WqgwGGK9RnM%252CNVFaOV09cUdFEM%252C_%253BvKZxw77WLn1czM%252CIMzgLb09X6Mjfm%252C_&u sg=AI4_-kThMNJINY08Im93cPa5jcTnSpHnRg&sa=X&ved=2ahUKEwjlzoel5rOAAxX06zgGHbPnCHIqJkEegQI ShAC					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)
CO2	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)
CO4	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)
CO5	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)
W.AV	2.6	2.4	2.4	2.4	2.4	2.6	2.6	2.6	2.4	3

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	S(3)	S(3)
CO2	M(2)	S(3)	M(2)	S(3)	S(3)
CO3	M(2)	S(3)	S(3)	S(3)	S(3)
CO4	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	S(3)	M(2)	S(3)	S(3)	S(3)
W.AV	2.4	2.4	2.6	3	3

S–Strong (3), M-Medium (2), L-Low (1)



I-Semester					
DSE I	Course Code 2FD1E1	Apparel Merchandising and Costing	T	Credits:4	Hours:4
Unit –I					
Objective1	To memories about various processes flow takes place in garment industry.				
Apparel industry : An overview about Indian apparel industry – Steps in apparel making - Organization structure of an apparel industry - Types of apparel exporters - Business concepts applied to the apparel industry - Buying – Receiving and Warehousing – Distribution - Sourcing – strategies, methods and sourcing clusters in India - Advertising- scope, importance, types, merits & demerits.					
Outcome 1	The students gain in depth knowledge about garment manufacturing industry.			K1	
Unit – II					
Objective2	To recognize several kinds of cutting equipment and its importance.				
Merchandising: Definition of merchandising – Concepts of “Six Rights” - Functions of merchandising– Role and responsibilities of merchandiser - Essential requisites of a good merchandiser – Types of merchandiser - Export merchandising - Classification of Exporters - Retail merchandising – Classification of buyers - Company profile and its contents.					
Outcome2	Identify the functions and end uses of cutting equipment.			K2	
Unit – III					
Objective3	To interpret the special attachments used in sewing machineries.				
Buyer sourcing & communication :Yarn programming – Samples: meaning, importance & types of samples – Inspection and its types - Approvals and its types – Document formats: order sheet, packing list, invoice, inspection and testing reports etc - Order sheet and its contents – Packing list and its contents - Assortment and its types. Time management in merchandising					
Outcome3	The students able to demonstrate the purpose of special attachments in sewing machineries.			K3	
Unit- IV					
Objective4	The students able to examine various stitching mechanism.				
Costing : Principles of costing - Requirements of good costing system - Cost unit - Types of costs - Elements of cost - Overheads - Prime cost - Work cost - Cost of production - Total cost -Apparel manufacturing cost categories - Manufacturing budget – Cash flow control – Standard cost sheet - Break–Even charts.					
Outcome4	In right knowledge in differentiating various stitching mechanism.			K4	
Unit- V					
Objective5	To appraise the significance of finishing in the process of making clothing.				
Body Measurements Fabric cost: Definition – Cost estimation: Meaning - Fabric costing: fabric types, fabric consumption, weaving/ knitting price – cost estimation of dyeing, printing and finishing - Costing of apparel: woven/ knits - Estimation of factory cost for woven & knitted fabric.					
Outcome5	Criticize the process of finishing in garment making.			K5	



Suggested Reading:-

Thangamani, K., & Sundaresan, S. (2022). *Fabric Manufacturing Technology: Weaving and Knitting*. CRC Press.

Jeremy A. Rosenau. (2014). *Apparel Merchandising*. New York: Fairchild Publications.

Rajiv Padhye, Rajkishore Nayak (2017). *Automation in Garment Manufacturing*, UK Elsevier Science

Nathalie Evans (2020) *Costing for the Fashion Industry*. USA, Bloomsbury Publications.

Eyob Minbale (2020) *Inventory Management in Textile and Apparel Merchandising* GRIN Verlag Publications.

Cohen, S., & Patel, D. (2015). *The fabric of India*. R. Crill (Ed.). London, UK: V & A Publishing.

Online Resources

<https://textilefashionstudy.com/garments-costing-for-merchandising/>

<https://techpacker.com/blog/design/everything-you-need-to-know-about-garment-costing- and-pricing/>

<https://techpacker.com/blog/design/everything-you-need-to-know-about-garment-costing- and-pricing/>

K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create
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Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO3	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO4	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO5	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
W.AV	2.4	2.4	2.2	2.2	2.2	2.4	2.4	2.2	2.2	2.2

S–Strong (3), M-Medium (2), L-Low (1)



Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	S(3)	M(2)	M(2)	M(2)	M(2)
CO4	M(2)	M(2)	M(2)	S(3)	M(2)
CO5	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2,4	2.2	2	2.2	2.2

S–Strong (3), M-Medium (2), L-Low (1)



I-Semester					
DSE I	Course Code 2FD1E2	Fashion Clothing Psychology	T	Credits:4	Hours:4
Unit –I					
Objective1	To memories about various processes flow takes place in garment industry.				
Terms related to the Fashion Industry Fashion, Style, Fad, Classic, Collection, Chic, Mannequin, Fashion Show, Trend, Haute Couture. Fashion Forecasting.					
Outcome1	The students gain in depth knowledge about garment manufacturing industry.			K1	
Unit – II					
Objective2	To recognize several kinds of cutting equipment and its importance.				
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, Repetition of Fashion.					
Outcome2	Identify the functions and end uses of cutting equipment.			K2	
Unit – III					
Objective3	To interpret the special attachments used in sewing machineries.				
Fashion Leaders, Fashion Innovators, Fashion Motivation, Fashion Victim, Fashion followers. Adoption of fashion – Trickle Down, Trickle Up and Trickle Across Theory. Fashion Forecasting- Market Research, Evaluating the Collection, Fashion Services, Colours Services, Video Services, News letter Services, Websites, Directories and references.					
Outcome3	The students able to demonstrate the purpose of special attachments in sewing machineries.			K3	
Unit- IV					
Objective 4	The students able to examine various stitching mechanism.				
Indian Designers Rohit Khosla, Gitanjal Kshshyap, Hemant Trivedi, J.J.Valaya, Ritu Kumar, Rohit Bal, Tarun Tahiliani, Sangeethe Chopra, Bhamini Subramaniam, Anju Modi, Ravi Bajaj, Ritu Beri.					
Outcome 4	In right knowledge in differentiating various stitching mechanism.			K4	
Unit- V					
Objective 5	To appraise the significance of finishing in the process of making clothing.				
World fashion Centers France, Italy, England, Germany, Canada, New York.					
Outcome5	Criticize the process of finishing in garment making.			K5	



Suggested Reading:-

MacDonald, N. M. (2009). *Principles of flat pattern design 4th edition*. Bloomsbury Publishing USA.

Calderin, J., & Volpintesta, L. (2013). *The Fashion Design Reference & Specification Book: Everything Fashion Designers Need to Know Every Day*. Rockport Pub.

Celhay, F., Magnier, L., & Schoormans, J. (2020). Hip and authentic. Defining neo-retro style in package design. *International Journal of Design*, 14(1), 35-49.

Samara, T. (2020). *Design Elements: Understanding the rules and knowing when to break them-A Visual Communication Manual*. Rockport publishers.

Brown, B. (2001). Fashion Accessories:: The Complete 20th Century Sourcebook. *Reference Reviews*.

Online Resources

<https://www.michaelsolomon.com/fashion-psychology/>

https://en.wikipedia.org/wiki/Fashion_psychology

<https://www.scienceofpeople.com/fashion-psychology/>

K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create
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Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	L(1)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(3)	M(2)	S(3)
CO4	M(2)	M(2)	M(2)	M(2)	M(3)	M(2)	S(3)	M(2)	M(2)	M(2)
CO5	M(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)
W.AV	2.4	2.2	2.2	2.2	2.4	2	2.2	2.4	2.2	2

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	L(1)
CO2	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)
CO4	M(2)	M(2)	M(2)	S(3)	M(2)
CO5	M(2)	M(2)	M(2)	S(3)	M(2)
W.AV	2.2	2.2	2	2.4	2

S–Strong (3), M-Medium (2), L-Low (1)



I-Semester					
DSE I	Course Code 2FD1E3	Visual Merchandising	T	Credits4	Hours4
Unit –I					
Objective1	To memories about various processes flow takes place in garment industry.				
Visual merchandising Introduction, concepts and role, importance in store planning and utilizing basic visual merchandising techniques; Role of atmosphere in garment retailing – immediate effects and simulation types, visual merchandisers in garment retailing.					
Outcome 1	The students gain in depth knowledge about garment manufacturing industry.				K1
Unit – II					
Objective2	To recognize several kinds of cutting equipments and its importance.				
Store Exterior And Interior Store exterior – marquee, facade, exterior display, surrounding stores and displays; Store interior – store atmospheric, aesthetic, execution of store lay out- selection of display locations, lifts, staircase, elevators, utilization of store space; Display composition :Elements and principles of design, tools and materials.					
Outcome2	Identify the functions and end uses of cutting equipments.				K2
Unit – III					
Objective3	To interpret the special attachments used in sewing machineries.				
Store layout Factors considered in organizing effective display – balance, rhythm, proportion, texture, harmony and emphasis. Store layout planning- grid, race track, free form –direction of flow and planogram; Design elements to create mood and impression –colour, angle, motion, simplicity, and repetition.					
Outcome3	The students able to demonstrate the purpose of special attachments in sewing machineries.				K3
Unit- IV					
Objective 4	The students able to examine various stitching mechanism.				
Display Seasonal and trend decision for point of emphasis – creativity in display; Planning of assortment, theme, ensemble, racks, shelves, bins, etc. and balance of display in a show room. Wall as retail selling tool – types of materials used merchandise display and effective wall planning. Application of colour schemes, colour psychology, creating mood by colour.					
Outcome4	In right knowledge in differentiating various stitching mechanism.				K4
Unit- V					
Objective5	To appraise the significance of finishing in the process of making clothing.				
Lightings Lights types, selection, advantages and disadvantages, music. Using effective Graphics and signage for theme, campaign and promotional aspects - safety and security; Theme, interior and exterior displays used in garment retail outlet, boutique and haute couture, accessories showrooms, mannequins, fabric and paper displays.					
Outcome5	Criticize the process of finishing in garment making.				K5



Suggested Reading:-

Bailey, S., & Baker, J. (2021). *Visual merchandising for fashion*. Bloomsbury Publishing.
 Bell, J., & Ternus, K. (2017). *Silent selling: best practices and effective strategies in visual merchandising*. Bloomsbury Publishing USA.
 Ebster, C. (2011). *Store design and visual merchandising: Creating store space that encourages buying*. Business Expert Press.
 Petrov, J. (2019). *Fashion, history, museums: Inventing the display of dress*. Bloomsbury Academic.
 Dunham, R. E. (2018). *Stage Lighting: Design Applications and More*. Routledge.
 Martin M. Peglar (SVM). (2018). *Visual Merchandising and Display*. New York: Fairchild Publication.
 Sarah Bailey and Jonathan Basker (2022) *visual merchandising for fashion*. Publisher- Bloomsbury art. USA

Online Resources

<https://www.indeed.com/career-advice/finding-a-job/what-is-visual-merchandising>
https://en.wikipedia.org/wiki/Visual_merchandising
<https://www.magestore.com/blog/what-is-visual-merchandising/>

K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create
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Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	M(2)	S(3)
CO2	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)
CO3	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)
CO4	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	S(3)
CO5	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)	S(3)	M(2)	S(3)	S(3)
W.AV	2.8	3	2	2.8	3	2.8	2.6	2.4	2.4	3

S–Strong (3), M–Medium (2), L–Low (1) Course

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	S(3)	M(2)	M(2)	S(3)
CO2	S(3)	S(3)	M(2)	S(3)	S(3)
CO3	S(3)	S(3)	M(2)	S(3)	S(3)
CO4	S(3)	S(3)	S(3)	S(3)	S(3)
CO5	S(3)	S(3)	M(2)	S(3)	S(3)
W.AV	3	3	2.2	2.8	3

S–Strong (3), M–Medium (2), L–Low (1)



II- Semester					
DSE II	Course Code 2FD2E1	Surface Ornamentation and Accessories – Lab	P	Credits:4	Hours:4
Unit -I					
Objective1	To educate about the evolution of embroidery and selection of raw materials.				
➤	Hand embroidery outline stitches – Any seven stitches				
Outcome 1	Recollect the knowledge about the evolution of surface enrichment.				K1
Unit - II					
Objective2	To provide knowledge about basic embroidery stitches				
➤	Hand embroidery stitches (Filling and Knot) – Any Seven stitches				
Outcome2	Identify and compare the basic embroidery stitches.				K2&K5
Unit - III					
Objective3	To enable the students to gain knowledge about garment enhancement.				
➤	Other surface embellishment – Sequence, beadwork.				
Outcome 3	Use bead and sequence work to develop products look.				K3
Unit IV					
Objective4	To teach about the surface enrichment work.				
➤	Other surface embellishment - Appliqué, cut and mirror work.				
Outcome 4	Examine and evaluate the surface enriched apparel and accessories.				K4&K5
Unit-V					
Objective5	To design a accessories related to the garment design.				
➤	Accessories– Handbag, Pouch, Hat/Footwear.				
➤	Preparation of fashion Jewellery- Earring, bangles and Neck chain (clay, Eco based, beads and other accessories)				
Outcome 5	Students able to create eco friendly accessories.				K6
Online Resources					
https://dgt.gov.in/sites/default/files/CTS_SOTech_Emb_2017.pdf					
https://upvesd.gov.in/pdf/Sur_Ornamentation_CTS.docx.pdf					
https://www.indcareer.com/course/certification-surface-ornamentation-textiles-csot					
https://m.youtube.com/watch?v=2UGQKGEIvJM					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)
CO4	S(3)	M(2)	M(2)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)
CO5	S(3)	S(3)	S(3)	M(2)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
W.AV	2.6	2.4	2.4	2.4	2.4	2.4	2.2	2.4	2.4	2.6

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	S(3)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	S(3)	M(2)
CO4	M(2)	M(2)	S(3)	M(2)	S(3)
CO5	S(3)	M(2)	M(2)	S(3)	S(3)
W.AV	2.4	2.4	2.4	2.4	2.4

S–Strong (3), M-Medium (2), L-Low (1)



II- Semester					
DSE II	Course Code 2FD2E2	Textile Testing– Lab	P	Credits:4	Hours:4
Unit – I					
Objective1	To learn the fibre testing methods of different fibre properties.				
	➤ Fibre test – fibre length, fibre fineness, fibre strength.				
Outcome 1	Students can identify textile fibres & its testing				K1
Unit – II					
Objective2	To understand fibre and yarn properties & its testing				
	➤ Yarn test –Yarn twist, yarn count and strength.				
Outcome 2	Students can summarize the fibre & yarn testing				K2
Unit – III					
Objective3	To demonstrate the various fabric testing methods.				
	➤ Fabric test –Fabric Length, width, count, weight				
Outcome 3	They execute various fabric testing carried in textile industries.				K3
Unit- IV					
Objective4	To Examine the fabric properties.				
	➤ Fabric test –Fabric thickness, crease recovery, stiffness, drape.				
Outcome 4	They experiment the different types of fabric properties.				K4
Unit- V					
Objective5	To investigate the different fabric test to make fabric quality better.				
	➤ Fabric test –Air permeability and water absorbency.				
	➤ Fabric test –Tensile strength and Tear strength.				
Outcome 5	They able to test different fabric samples to create better quality.				K6
Online Resources					
https://www.google.co.in/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjU7aDC5LOAAxWExDgGHcPYBRcQFnoECCsQAQ&url=https%3A%2F%2Fwww.textileblog.com%2Ftextile-testing-types-importance%2F&usg=AOvVaw1GQ3eKaHTJXh5f1V 2AC0P&opi=89978449 https://www.google.co.in/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwjU7aDC5LOAAxWExDgGHcPYBRcQFnoECCwQAQ&url=https%3A%2F%2Fstudy.com%2Facademy%2Flesson%2Fwhat-is-textile-testing-methods-importance.html&usg=AOvVaw0ZAecwFaxhTHByP 3 kc3Y&opi=89978449 https://www.google.co.in/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiawu6X5LOAAxVKyvgGHSrLC04QFnoECEcQAQ&url=https%3A%2F%2Ffordnur.com%2Fapparel%2Froles-of-industrial-engineering-in-garments-factory%2F&usg=AOvVaw0aP1g2aBOKBRD1E4D-t8nW&opi=89978449					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)
CO4	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)
CO5	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)
W.AV	2.6	2.4	2.2	2.4	2.2	2.4	2.4	2.4	2.4	2.2

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	S(3)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	M(2)	S(3)
CO4	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	S(3)	M(2)	M(2)	S(3)	S(3)
W.AV	2.4	2.4	2.4	2.4	2.6

S–Strong (3), M-Medium (2), L-Low (1)



II- Semester					
DSE II	Course Code 2FD2E3	Textile Dyeing and Printing –Lab	P	Credits:4	Hours:4
Unit -I					
Objective1	To impart knowledge about preparatory process in garment industries.				
	➤ Preparation of samples for processing – Desizing, Scouring, Bleaching, Mercerising.				
Outcome 1	Students possess a thorough knowledge of the preparatory process required for textile industries.				K1
Unit - II					
Objective2	To describe about different types of dyeing and printing techniques.				
	<ul style="list-style-type: none"> ➤ Dyeing the fabric with direct dyes, Sulphur dyes, Vat dyes, Disperse dyes. ➤ Dyeing the fabric with acid dyes, basic dyes, Reactive dyes. ➤ Dyeing the fabric with Natural dyes. 				
Outcome 2	Students have proper understand about dyeing and printing techniques.				K2
Unit – III					
Objective3	To educate students about textile Tie and dye techniques.				
	➤ Dyeing the fabric with any pattern using Tie and Dye technique.				
Outcome 3	Students will be able to apply and create Tie and dye technique on fabric.				K3,K6
Unit- IV					
Objective4	To learn about textile printing.				
	<ul style="list-style-type: none"> ➤ Develop a batik motif and print the given sample. ➤ Prepare the printing paste and develop sample from different printing method. 				
Outcome 4	Students are able to examine the various textile printing techniques and types in order to design on fabric.				K4,K6
Unit- V					
Objective5	To value basic ideas about colour fastness test.				
	➤ Testing the colour fastness test, washing, shrinkage.				
Outcome 5	Students have the skills for evaluate the different methods of colour fastness test and use to make garments quality better.				K5,K6
Online Resources					
https://www.bing.com/ck/a?!&&p=f68b5d02dd7f15b6JmldHM9MTY5MDI0MzIwM CZpZ3VpZD0yYzg4Yzc5Zi04MzhhLTY4MTItMjkwNy1kNTJiODIyNzY5YjgmaW5zaWQ9NTE5Nw&ptn=3&hsh=3&felid=2c88c79f-838a-6812-2907-2.d52b822769b8&psq=types+of+finishes+in+textiles&u=a1aHR0cHM6Ly90ZXh0aWxldmFsdWVjaGFpbi5pbi9uZXdzLWluc2lnaHRzL2RpZmZlcmVudC10eXB1cy1vZi10ZXh0aWxILWZpbmlzaGVzLw&ntb=1					
https://www.bing.com/ck/a?!&&p=f68b5d02dd7f15b6JmldHM9MTY5MDI0MzIwM CZpZ3VpZD0yYzg4Yzc5Zi04MzhhLTY4MTItMjkwNy1kNTJiODIyNzY5YjgmaW5zaWQ9NTE5Nw&ptn=3&hsh=3&felid=2c88c79f-838a-6812-2907-2					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	S(3)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	M(2)	M(2)	S(3)	S(3)	S(3)
CO4	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	S(3)	M(2)	S(3)
CO5	S(3)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	S(3)	S(3)	S(3)
W.AV	2.6	2.4	2.4	2.4	2.4	2.4	2.4	2.6	2.4	2.8

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	M(2)	S(3)	S(3)
CO3	M(2)	S(3)	M(2)	S(3)	S(3)
CO4	M(2)	M(2)	S(3)	S(3)	S(3)
CO5	S(3)	M(2)	S(3)	S(3)	S(3)
W.AV	2.4	2.4	2.4	2.8	2.8

S–Strong (3), M-Medium (2), L-Low (1)



II- Semester					
DSE III	Course Code 2FD2E4	Corporate Etiquette Skills	T	Credits:4	Hours:4
Unit -I					
Objective1	Understand appropriate biz etiquette and biz communication.				
Professionalism: Professional approach & behaviour – rational vs. emotional decisions – analysis of self-competence and self confidence – qualities of an effective executive.					
Outcome 1	Students understand the Professionalism and Various approaches in it.				K2
Unit - II					
Objective2	Dress appropriate for different biz occasions.				
Corporate Etiquette: Dressing occasions – formal – semi formal and informal – Eating - habits– Table manners – Body language: Kinesics and proximity					
Outcome 2	Learners interpret the different styles of Dressing and eating habits.				K4
Unit – III					
Objective3	Feel comfortable when diving in biz and formal situations.				
House Keeping Skills: Cleanliness at work place – Organizing the Work Table and Shelves – Spatial Utility and Energy Saving habits – Office Files and Personal Computer / Laptop management					
Outcome 3	Students Generate new ideas on how to Organize the Work Table and Shelves And Cleanliness at work place				K4
Unit- IV					
Objective4	Preparation to attend office meetings.				
Front Office Skills: Reception and Greeting – Telephone manners – effective visitor appointments management – Preparation to attend office meetings – preparation to hold office meetings					
Outcome 4	Learners Examine the ways to hold meetings and express the Process of telephone conversation and could be able to conduct office meeting skills.				K2
Unit- V					
Objective5	Report writing, writing minutes.				
Documentation: Objectives, Report writing, writing minutes, Preparation methods, and Report for media					
Outcome 5	Students could be able to Evaluate the report writing methods and to interact to media.				K5
Suggested Reading:-					
Barun Mithra,(2016). Personality Development and Soft Skills. New Delhi: Oxford University Press India.Lesikar & Flatley.(2005).Basic Business Communication. New Delhi: Tata Mc Graw Hill. Naveen Kumar, & Sudan, A.S. (2004). Managerial Skill Development. New Delhi: Anmol Publications. SarveshGulati, (2012). Corporate Grooming and Etiquette. Kolkatta: Rupa Publications. Fred Luthans, Organisational Behavior, McGraw Hill,12th Edition,2005.					
Online Resources					
www.selfconfidenc.co.uk . www.senselang.com .					
K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create



Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S (3)	S (3)	L(1)	M (2)	L(1)	S (3)	L(1)	M (2)	L(1)	L(1)
CO2	L(1)	L(1)	M (2)	L(1)	L(1)	S (3)	L(1)	M (2)	L(1)	L(1)
CO3	M (2)	M (2)	L(1)	L(1)	M (2)	S (3)	M (2)	M (2)	M (2)	L(1)
CO4	M (2)	M (2)	M (2)	L(1)	M (2)	S (3)	M (2)	M (2)	M (2)	L(1)
CO5	L(1)	L(1)	-	L(1)	M (2)	S (3)	M (2)	M (2)	M (2)	L(1)
W.AV	1.8	1.6	1.2	1.2	1.6	3	1.6	2	1.6	1

S–Strong (3), M-Medium (2), L-Low (1)

Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S (3)	S (3)	M (2)	L(1)	L(1)
CO2	M (2)	M (2)	M (2)	M (2)	M (2)
CO3	M (2)	M (2)	M (2)	L(1)	M (2)
CO4	M (2)	L(1)	M (2)	S (3)	M (2)
CO5	M (2)	L(1)	M (2)	S (3)	M (2)
W.AV	2	1.8	2	2	1.8

S–Strong (3), M-Medium (2), L-Low (1)



II- Semester					
DSE III	Course Code 2FD2E5	Indian Traditional Textiles and Embroidery	T	Credits:4	Hours:4
Unit -I					
Objective1	To learn the origin of costumes and Indian costume.				
Indian costume Introduction, Indian Costumes from the earliest times to the beginning of the historical period– Indus valley civilization costumes, Indo Aryans and Vedic Ages, Mauryan and the Sunga period, Satavahana period, Kushan period Mughal period.					
Outcome 1	Students will be able to identify the Indian costume.				K1
Unit – II					
Objective2	To summarize the Traditional costume of India.				
Introduction to traditional Indian dress Costumes of Punjab, Himachal Pradesh, Gujarat, Rajasthan, Uttar Pradesh, Madhya Pradesh, Jammu and Kashmir, Kutch and Savarashtra.					
Outcome2	Students classify the various Traditional costume of india.				K2
Unit – III					
Objective3	To demonstrate the Kashmir Embroidery				
Kashmir Embroidery Kanthas of Bengal, Chambarummal of Himachal Pradesh, Chickenkari of Uttar Pradesh, Pulkhari of Punjab, Kasuthi Embroidery, Kutch Embroidery.					
Outcome 3	Students interpret the different types of motifs used in Kashmir region.				K3
Unit-IV					
Objective 4	To analyze the impotence and various methods of woven textiles.				
Introduction to woven textiles of India Brocades of Banaras, Patola, Baluchari, Pithambar, Tamilnadu Saree. Types of woven Kashmir shawls– Dshala, Do- rookha, Kasubha shawl, Ruffle. Costumes – Indus valley, Maryann and Sunga period, Gupta period, Mughal period, British period.					
Outcome 4	They can examine the various woven textiles.				K4
Unit- V					
Objective 5	To evaluate the Traditional printing techniques of India.				
Printed textiles Kalamkari, Block printing, Roghan printing and other printed and painted textiles(Mata – mi - pachedi, Pabujika-pad) Dyed textiles – Ikat, Patola, Bandhani, Laharia, Mashru.					
Outcome 5	Appraise the Traditional prints and motifs of India				K5



Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	S(3)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	M(2)	M(2)
CO4	M(2)	S(3)	S(3)	S(3)	M(2)
CO5	S(3)	M(2)	S(3)	M(2)	M(2)
W.AV	2.4	2.4	2.4	2.2	2

S–Strong (3), M-Medium (2), L-Low (1)



II-Semester					
DSE III	Course Code 2FD2E6	Textile Finishing	T	Credits:4	Hours:4
Unit -I					
Objective1	To educate about importance and basics of textile finishing.				
Introduction to Finishing Purpose and Importance, Classification of Finishing, Converting Grey Goods, Kinds of Finishing Processes, Preparatory Processes–Singeing–Desizing–Scouring– Bleaching, Stabilizing Processes- Mercerizing–Slack Mercerizing.					
Outcome 1	Learners have the knowledge about textile finishing.				K1
Unit - II					
Objective 2	Teach about various methodes used in textile finishing.				
Types of Finishing Calendering, Tentering, Stiffening, Decanting, Beetling, Glazing, Schreinerizing, Embossing, Moiring,Ciering,Raising,Napping,Gigging,Shearing.WaterProofing,Waterrepellency,Sanforizing,W ash and Wear,fireproofing silk, weighing, Crepe and Crinkle effect.					
Outcome 2	Students will gain proper understanding about various textile finishing methodes.				K2
Unit - III					
Objective 3	Explain about functional finish and its application techniques.				
Functional finish Shape-Retentive Finishes, Wrinkle Resistant Finishes, Wash-and-Wear Finishes, Durable Press Wool Finishes, Water Proofing, Absorbency Finishes, Soil repellency, Water repellent finish.					
Outcome 3	Students will be able to implement functional finish techniques on fabric.				K3
Unit IV					
Objective 4	To describe about importance of special finish.				
Special finish Anti-microbial–procedure, evaluation and its importance. Anti-bacterial–procedure and its importance. Insect repellent finish – procedure, evaluation and its importance-Flame retardant finish, fire proof finish, Bullet proof finish, Antistatic Finishes.					
Outcome 4	Students will be able to evaluate importance and different methodes of special finishing.				K4
Unit-V					
Objective5	To instruct about the usage of equipment in textile finishing.				
Equipment used in Finish Padding Mangle – mechanism and procedure, Sonicator techniques – mechanism and procedure, plasma–mechanism and procedure, Nano application–mechanism and procedure, Microencapsulation– mechanism and procedure.					
Outcome 5	Learners can value the usage of various equipments used in textile finishing.				K5



Suggested Reading:-

Shabbir, M., Ahmed, S., & Sheikh, J. N. (Eds.). (2020). *Frontiers of Textile Materials: Polymers, Nanomaterials, Enzymes, and Advanced Modification Techniques*. John Wiley & Sons.

Khan, D. A., Alam, Z., & Iqbal, F. (2021). *Magnetic Field Assisted Finishing: Methods, Applications and Process Automation*. CRC Press.

Mittal, K.L. (2017). *Textile Finishing Recent Developments and Future Trends*. New Jersey: John Wiley and sons.

Pacific Mills, Boston. (2018). *The Manufacture, Dyeing, Printing and Finishing of Textiles*. USA: Sagwan press publishers.

Mohammad shahid (2020). *Advances in functional finishing of textiles*. Publisher- springer. Singapore. Madiwale, P., Singh, G. P., Biranje, S., & Adivarekar, R. (2020). *Advances of Textiles in Tissue Engineering Scaffolds*. In *Advances in Functional Finishing of Textiles* (pp. 169-194). Springer, Singapore.

Online Resources

https://www.google.co.in/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUK Ewj1q6o5bOAAxUPwTgGHSD9AUsQFnoECBIAQ&url=https%3A%2F%2Ftextilevaluechain.in%2Fnews%2Fdepth-analysis%2Farticles%2Ftraditional-textiles%2Fhistory-of-indian-costumes%2F&usq=AOvVaw0DK_qGto8Fq_6T92arSzHa&opi=89978449

<https://www.google.co.in/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUK Ewj1q6o5bOAAxUPwTgGHSD9AUsQFnoECDoQAQ&url=http%3A%2F%2Fwww.indianculture.gov.in%2Fbooks%2Fcostumes-and-textiles-india&usq=AOvVaw28T5lsZBfbDPNkoiQffPZF&opi=89978449>

K1-Remember	K2-Understand	K3-Apply	K4-Analyze	K5-Evaluate	K6-Create
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Course Outcome VS Programme Outcomes

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S(3)	S(3)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)
CO3	M(2)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	S(3)	S(3)	M(2)
CO4	S(3)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)	M(2)	M(2)
CO5	S(3)	M(2)	M(2)	S(3)	M(2)	M(2)	M(2)	S(3)	S(3)	M(2)
W.AV	2.6	2.4	2.2	2.4	2.2	2.4	2.4	2.4	2.4	2

S–Strong (3), M–Medium (2), L–Low (1)



Course Outcome VS Programme Specific Outcomes

CO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S(3)	M(2)	M(2)	M(2)	M(2)
CO2	M(2)	S(3)	S(3)	M(2)	M(2)
CO3	M(2)	S(3)	M(2)	M(2)	M(2)
CO4	M(2)	S(3)	S(3)	S(3)	M(2)
CO5	S(3)	M(2)	S(3)	M(2)	M(2)
W.AV	2.4	2.4	2.4	2.2	2

S–Strong (3), M-Medium (2), L-Low (1)





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