

KURUKSHETRA UNIVERSITY

KURUKSHETRA



Scheme of Examinations and Syllabus

For

Under-Graduate Programme

Bachelor of Vocation in Textile

and Fashion Designing

Interdisciplinary Scheme-D

Under Multiple Entry-Exit,

Internship and CBCS-LOCF in

accordance to NEP-2020

w.e.f. 2023-24 (in phased manner)

Department of Home Science

KURUKSHETRA UNIVERSITY, KURUKSHETRA

**Scheme of Examinations for Under-Graduate Programme
Under multiple Entry-Exit, Internship & CBCS-LOCF-CCF in accordance to NEP 2020 w.e.f. 2023-24 (in phased manner)**

Bachelor of Vocation in Textile and Fashion Designing

SEMESTER 1								
Course	Paper (s)	Nomenclature of Paper (s)	Credits	Hours/Week	Internal Marks	External Marks	Total Marks	Exam Duration
CC-A1 @ 4 Credit	B23-TFD-101	Concept of Design and Illustrations	3	3	20	50	70	3 Hours
		Concept of Design and Illustrations- Practical	1	2	10	20	30	4 Hours
CC-B1 @ 4 Credit	B23-TFD-102	Sewing Techniques	3	3	20	50	70	3 Hours
		Sewing Techniques- Practical	1	2	10	20	30	4 Hours
CC-C1 @ 4 Credit	B23-TFD-103	Surface Ornamentation Techniques	3	3	20	50	70	3 Hours
		Surface Ornamentation Techniques- Practical	1	2	10	20	30	4 Hours
CC-M1 @2 Credit	B23-TFD-104	Photographic Techniques	1	1	10	20	30	3 Hours
		Photographic Techniques - Practical*	1	2	5	15	20	4 Hours
MDC-1 @ 3 Credit	From the course offered by D/C/I							
AEC-1 @ 2 Credit	From available AEC-1 pool list of two credit as per NEP							
SEC-1 @ 3 Credit	From Available SEC-1 pool list of two credit as per NEP							
VAC-1 @ 2	From Available VAC-1 pool list of two credit as per NEP							

Credit								
SEMESTER 2								
Course	Paper (s)	Nomenclature of Paper (s)	Credits	Hours/Week	Internal Marks	External Marks	Total Marks	Exam Duration
CC-A2 @ 4 Credit	B23-TFD-201	Textile Chemistry	3	3	20	50	70	3 Hours
		Textile Chemistry-- Practical	1	2	10	20	30	4 Hours
CC-B2 @ 4 Credit	B23-TFD-202	Sampling Coordination and Quality Assessing in Textile and Fashion Designing	3	3	20	50	70	3 Hours
		Sampling Coordination and Quality Assessing in Textile and Fashion Designing - Practical	1	2	10	20	30	4 Hours
CC-C2 @ 4 Credit	B23-TFD-203	Advance Designing and Construction of Garments – I	3	3	20	50	70	3 Hours
		Advance Designing and Construction of Garments - I- Practical	1	2	10	20	30	4 Hours
CC-M2 @ 2 Credit	B23-TFD-204	Computer Applications	1	1	10	20	30	3 Hours
		Computer Applications - Practical	1	2	5	15	20	4 Hours
MDC-2 @ 3 Credits	From the course offered by D/C/I							

AEC- 2 @ 2 Credits	From Available AEC – 2 pool list of two credits as per NEP
SEC- 2 @ 3 Credits	From Available SEC – 2 pool list of two credits as per NEP
VAC- 2 @ 2 Credits	From Available VAC – 2 pool list of two credits as per NEP

SEMESTER 3								
Course	Paper(s)	Nomenclature of Paper (s)	Credits	Hours/Week	Internal Marks	External Marks	Total Marks	Exam Duration
CC-A3 @ 4 Credits	B23-TFD-301	Draping and Layout of Garments	3	3	20	50	70	3 Hours
		Draping and Layout of Garments - Practical	1	2	10	20	30	4 Hours
CC-B3 @ 4 Credit	B23-TFD-302	Advance Designing and Construction of Garments – Practical	3	3	20	50	70	3 Hours
		Advance Designing and Construction of Garments - II - Practical	1	2	10	20	30	4 Hours
CC-C3 @ 4 Credits	B23-TFD-303	Traditional Embroideries	3	3	20	50	70	3 Hours
		Traditional Embroideries- Practical	1	2	10	20	30	4 Hours
CC-M3 @4 Credit	B23-TFD-304	Illustration Techniques	3	3	20	50	70	3 Hours
		Illustration Techniques- Practical	1	2	10	20	30	4 Hours
MDC-3 @ 3 Credits	From the course offered by D/C/I							
AEC-3 @ 2 Credits	From Available AEC – 3 pool list of two credits as per NEP							
SEC-3 @ Credits	From Available AEC – 3 pool list of two credits as per NEP							

SEMESTER 4								
Course	Paper(s)	Nomenclature of Paper (s)	Credits	Hours/ Weeks	Internal Marks	External Marks	Total Marks	Exam Duration
CC-A4 @4 Credit	B23-TFD-401	Textile Processing, Printing and Dyeing	3	3	20	50	70	3 Hours
		Textile Processing, Printing and Dyeing-Practical	1	2	10	20	30	4 Hours
CC-B4 @ 4 Credit	B23-TFD-402	Fabric Construction	3	3	20	50	70	3 Hours
		Fabric Construction-Practical	1	2	10	20	30	4 Hours
CC-C4 @ 4 Credit	B23-TFD-403	Eco Textiles	3	3	20	50	70	3 Hours
		Eco Textiles-Practical	1	2	10	20	30	4 Hours
CC-M4 (V) @4 Credits	From Available CC-M4(V) of two credits as per NEP							
AEC-4 @ 2 Credits	From Available AEC-4 pool list of two credits as per NEP							
VAC-3 @ 2 Credit	From Available VAC-3 pool list of two credits as per NEP							
Internship of 4 credits of 4-6 weeks duration after 4th Sem (If not done in 2nd sem)								

SEMESTER 5								
Course	Paper(s)	Nomenclature of Paper (s)	Credits	Hours/Week	Internal Marks	External Marks	Total Marks	Exam Duration
CC-A5 @4 Credit	B23-TFD-501	Fashion Forecasting	3	3	20	50	70	3 Hours
		Fashion Forecasting- Practical	1	2	10	20	30	4 Hours
CC-B5 @ 4 Credit	B23-TFD-502	Applications of Traditional Textiles	3	3	20	50	70	3 Hours
		Applications of Traditional Textiles - Practical	1	2	10	20	30	4 Hours
CC-C5 @ 4 Credit	B23-TFD-503	Sourcing & Export Management	3	3	20	50	70	3 Hours
		Sourcing & Export Management - Practical	1	2	10	20	30	4 Hours
CC-M5 (V) @4 Credit	From Available CC-M5(V) pool list of two credits as per NEP							
Skill Enhancement Course	Internship # 4 Credits							
<p># Four credits of internship, earned by a student during summer internship after 2nd semester or 4th semester, will be taken into account in 5th semester of the students who pursue 3 year UG Programme without taking exit option.</p>								

SEMESTER-6								
Course	Paper(s)	Nomenclature of Paper (s)	Credits	Hours/Week	Internal Marks	External Marks	Total Marks	Exam Duration
CC-A6 @4 Credit	B23-TFD-601	Boutique Management	3	3	20	50	70	3 Hours
		Boutique Management - Practical	1	2	10	20	30	4 Hours
CC-B6 @ 4 Credit	B23-TFD-602	Fashion Merchandising & Retailing	3	3	20	50	70	3 Hours
		Fashion Merchandising & Retailing - Practical	1	2	10	20	30	4 Hours
CC-C6 @ 4 Credit	B23-TFD-603	Portfolio Development	3	3	20	50	70	3 Hours
		Portfolio Development- Practical	1	2	10	20	30	4 Hours
CC-M6 @4 Credit	B23-TFD-604	Journalism & Communication	3	3	20	50	70	3 Hours
		Journalism & Communication- Practical	1	2	10	20	30	4 Hours
CC-M7(V) @4 Credit	From Available CC-M7(V) pool list of two credits as per NEP							

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	I
Name of the Course	Concept of Design and Illustrations
Course Code	B23-TFD-101 B23-VFT-101
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-1
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	After completing this course, the learner will be able to: 1. To understand basic concepts of design and illustration. 2. To understand the colour, colour theory and colour psychology.

	<p>3 To know the fashion theory, factors affecting fashion and fabric sourcing.</p> <p>4. To understand the fashion model drawing, latest fashion & traditional Indian textiles.</p> <hr/> <p>5*.To impart practical knowledge about preparation of colour wheel and fashion sketches.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		Time:3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours

I	<ul style="list-style-type: none"> • Introduction and Brief History of Fashion Illustration. • Scope of Fashion Illustration. • Introduction to Art Media and its Application. 	10
II	<ul style="list-style-type: none"> • Design – Definition and Types (Structural and Decorative Designs). • Elements of Design. • Principle of Design. • Components of Design. 	11
III	<ul style="list-style-type: none"> • Definition of Colour – Colour Theory, Dimensions of Colour, Colour Schemes, Colour Wheel, Colour Types. • Colour Psychology and its Application on Apparel. • Optical Illusions created through Elements and Principles of Design. 	11
IV	<ul style="list-style-type: none"> • Sketching Terminology: - Croquet, Block Figure, Rendering, Art Supplies for Drawing, Spec-sheet, Layout, Flat Sketch, Fashion Drawing. • Fashion Model Drawing: – Basic Human Proportion, Body Figures and Shapes, Sketching Postures. 	10
V*	<ul style="list-style-type: none"> • Designing • Colours • Illustration ● Figure Stylization: – Illustrations, Basic Croquis, Division of the Body to make the 8, 10 and 12 Head Figure (Front, Side and ¾th Profile) 	28

	<ol style="list-style-type: none"> 1. Figure in Motion- Normal Standing, Walking, Running, and Sitting. 2. Figure Drawing in S, X,T,Y poses. 3. Colour- Preparation of Colour Wheel, Grey Scales, Colour Schemes, Tints and Shades. 4. Creation of Motifs using different Forms and Shapes. 5. Designing of following Motifs and its Types in different colour ways: - <ul style="list-style-type: none"> • Geometrical • Realistic • Natural • Stylized • Abstract 6. Different Placements of Motif: (Traditional/Contemporary) <ul style="list-style-type: none"> • Vertical • Horizontal • Half drop • All over • Diagonal 7. Sketching: - <ul style="list-style-type: none"> • Face • Eye • Nose • Lips • Hands • Legs • Hairstyles. 	
--	---	--

Suggested Evaluation Methods	
Internal Assessment: <ul style="list-style-type: none"> > Theory <ul style="list-style-type: none"> ● Class Participation: 05 ● Seminar/presentation/assignment/quiz/class test etc.:05 ● Mid-Term Exam: 10 > Practicum <ul style="list-style-type: none"> ● Class Participation: 00 ● Seminar/Demonstration/Viva-voce/Lab records etc.:10 ● Mid-Term Exam: NA 	End Term Examination: 50 20
Part C-Learning Resources	
Recommended Books/e-resources/LMS: <ol style="list-style-type: none"> 1. <i>Fashion Illustration</i>. Anna Kiper, David & Charles Book, 2011. 2. <i>Fashion Illustration Children</i>. Patric, John Ireland, BT Bastford Ltd, 2005. 3. <i>New Fashion Illustration</i> (New Illustration Series) English, Paperback, Martin Dawber, 2006. 4. BinaAbling. <i>Fashion Sketch Book</i>. Fairchild Publications.1994. 	

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	I
Name of the Course	Sewing Techniques
Course Code	B23-TFD-102 B23-VFT-102
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-2
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To understand introduction to sewing, sewing equipment's and their functions. 2. To understand the basic terms, hemming, fasteners, seams and seam finishes. 3. The students will be able to know about different types of fullness, yokes and sleeves.

	<p>4. To know the stitching of collars, pockets, placket and skirts.</p> <hr/> <p>5*. To impart practical knowledge about preparation of samples of fasteners, yokes, sleeves, collars, pockets, placket, and skirts.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		Time:3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<p>1. Introduction to sewing, sewing equipment and their functions.</p> <p>2. Parts and functions of Domestic Sewing</p>		9

	<p>Machine, Types of Machine Needle, Stitch Formation, Care and Maintenance, Trouble Shooting.</p> <p>3. Introduction to Industrial Sewing Machine: -</p> <ul style="list-style-type: none"> • Types • Functions • Care and maintenance 	
II	<ul style="list-style-type: none"> • A Brief Study of the following: - Basting, Running, Tacking, Hand Over-cast, Hemming: - Visible and Invisible, Slip Stitch, Blanket, and Fagoting. • Fasteners: - Conspicuous (Button and Button- holes, Button Loops, Button with Holes, Shank Buttons, Eyelets and Cords); Inconspicuous (Press Buttons, Hooks and Eyes, Zips). • Seams & Seam Finishes: - Definition, Types of Seam Finishes, and their applications... 	11
III	<ol style="list-style-type: none"> 1. Fullness: - Definition and Types (Darts, Tucks, Pleats, Gathers, Shirring, Ruffles and Godets) 2. Yokes: - Definition, Purpose (with and without fullness), applications and construction. 3. Sleeves: - Definition, Terms, and Types. 	11
IV	<ol style="list-style-type: none"> 1. Collars: - Definition, Terms, Types and Styles. 2. Different Types of Pockets and Plackets. 3. Different Types of Skirts. <p>Threading and Bobbin Winding-Common Problems and Methods to Overcome.</p>	9

V*	<p>1. Making Samples of Basic Hand Stitches: -</p> <ul style="list-style-type: none"> • Basting (Even, Uneven, Diagonal, and Pin) • Back Stitch • Running Stitch • Hemming (Visible and Invisible) • Tailor’s Tack <p>2. Making samples of the following: -</p> <ul style="list-style-type: none"> • Seams -Top Stitch, Plain, Run and Fell, French, Lapped, Counter Mantua-maker. • Seam finishes- Over lock, Hand over cast, Turned, and stitched. • Neck lines Finishes. • Pocket and Placket. <p>3. Application of different types of Trimming, Laces, Piping, Binding and Fasteners.</p> <p>4. Fullness Treatment: -</p> <ul style="list-style-type: none"> • Darts • Tucks- Pin Tucks, Cross Tucks, Shell Tucks, Released Tucks, Group Tucks, and Blind Tucks. • Gathers- Even and Uneven. • Pleats- Box Pleats, Knife Pleats, Kick Pleats, Invisible. • Ruffles. <p>Frills: - Gathered Frill and Pleated Frill.</p>	30
Suggested Evaluation Methods		

<p>Internal Assessment:</p> <p>➤ Theory</p> <ul style="list-style-type: none"> ● Class Participation: 05 ● Seminar/presentation/assignment/quiz/class test etc.:05 ● Mid-Term Exam: 10 <p>➤ Practicum</p> <ul style="list-style-type: none"> ● Class Participation: 00 ● Seminar/Demonstration/Viva-voce/Lab records etc.:10 ● Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>50</p> <p>20</p>
<p>Part C-Learning Resources</p>	
<p>Recommended Books/e-resources/LMS:</p> <ul style="list-style-type: none"> ● Holman, Gillian. <i>Pattern Cutting Made Easy</i>. BSP 1997. ● Gayathri Verma & Kapil Dev. <i>Cutting & Sewing Theory</i>. Asian Publishers, 2015. ● Lewis. <i>Comparative Clothing Construction Techniques</i>, New Delhi, Surjeet Publications. ● Gerry Conklin. <i>Garment Technology for Fashion Designers</i>. Wiley-Blackwell, USA, 2012. ● Jacob, Thomas Anna. <i>The Art of Sewing</i>. UBSPD Publishers Distributors Ltd., New Delhi. ● Colton, V. (1987). <i>Complete Guide to Sewing by Readers Digest</i>. ● <i>Garment Manufacturing Technology</i>. EIRI Board, Engineers India Research Institute. ● <i>Cutting & Sewing Theory</i>. Gayathri Verma & Kapil Dev, Asian Publishers, 2015. ● , 3rd ed. Cleaver – Hume Press Ltd., London, 1959. 	

*Applicable for courses having practical component.

Session: 2023-24	
Part A – Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	I
Name of the Course	Surface Ornamentation Techniques
Course Code	B23-TFD-103
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-3
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To understand the different types of textiles and surface ornamentation designs. 2. To learn different ornamentation techniques and to use them effectively for designing the garments. 3. To know the various methods of surface ornamentation. 4. To select the appropriate method of ornamentation

	<p>for a specific product or fabric.</p> <hr/> <p>5*.To impart knowledge & vocational quality that qualifies a student to work as a “Surface Designer” in Fashion Industry.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		Time:3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> • Trimmings & Decorations – Definition and types. 		10

	<ul style="list-style-type: none"> • Figure irregularities, wardrobe planning. 	
II	<ul style="list-style-type: none"> • Introduction to surface ornamentation and embroidery; general rules for hand and machine embroidery; special attachments to sewing machines for embroidery – tools and equipment’s – needles – threads. 	10
III	<ul style="list-style-type: none"> • Define following surface ornamentation techniques with their types, tools and materials requirements : • Appliqué (Machine / Hand), • Smocking , • Laces, Bead Work, • Sequins Work, 	10
IV	<ul style="list-style-type: none"> • Belts , Bows, • Tassels and Fringes • Mirror Work, • Dyeing & Printing. 	10
V*	<ul style="list-style-type: none"> • Making Samples (at least 10) by Using Any of the Following Hand Embroidery Stitches (Make a Separate File)- Running Stitch , Laced Running Stitch, Back Stitch, Stem Stitch, Satin Stitch, French Knot, Bullion Knot, Cross Stitch, Blanket Stitch , Button Hole Stitch , Corel Stitch , Spider Web Stitch, Fly Stitch, Feather Stitch, Chain Stitch, Lazy Daisy Stitch, Roumanian Stitch, Chevron Stitch, Cretan Stitch, Faggoting Stitch, Fern Stitch, Fish Bone Stitch, Herringbone Stitch, Couching. • Making 3 Samples by using Any of the Following MachineEmbroidery Stitches-Running Stitch, Long and Short 	30

	<p>Stitch, Cut Work, Patch Work, Quilting.</p> <ul style="list-style-type: none"> • Preparing Samples for the Following- Appliqué (Machine / Hand), Smocking, Laces, Bead Work, Sequins Work, Belts, Bows, Tassels and Fringes, Mirror Work, Fixing the Stones, Dyeing & Printing. 	
Suggested Evaluation Methods		
<p>Internal Assessment:</p> <p>➤ Theory</p> <ul style="list-style-type: none"> • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 <p>➤ Practicum</p> <ul style="list-style-type: none"> • Class Participation: 00 • Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>50</p> <p>20</p>	
Part C-Learning Resources		
<p>Recommended Books/e-resources/LMS:</p> <ul style="list-style-type: none"> • RAjit Mookerjee -5000 Designs and Motifs from India, 1996. • Bina Abling- Fashion Sketch Book, Fair child publications, New York. • G.J. Sumathi- Elements of Fashion & Apparel Design, New Age International, 2002. • Judith Rasband- Wardrobe Strategies for Women, Delmar Publishers, London. • Jeannette A Jarnow, Morianr Guerreiro & Beatrice Judelle- Inside the Fashion Business 4th edition, Mac Millan Company, New York. • M Nichols- Encyclopedia of Embroidery Stitches Including Crewel by Dover Publications – 1974. • Susheela Dantiyagi- Fundamentals of Textiles and their Care,5th edition, Published by 		

Orient Longman Ltd., New Delhi,

- Therese De Dillmont – 3rd Edition-Computerized Encyclopedia of Needle Work.
- Val Holmes -Decorative Painting Techniques Book, 2003.
- Traditional Indian Motifs for Weaving and Printing.

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	I
Name of the Course	Photographic Techniques
Course Code	B23-TFD-104 B23-VID -104
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-M1
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	After completing this course, the learner will be able to: 1.To help students to acquire knowledge of the process, uses, principles and advantages of digital photography. 2.Visualize the concept of digital platform and various methods of image capture. 3.To develop the method of basic image editing

	<p>techniques.</p> <p>4. Introduce various methods of post-production and retouching techniques.</p> <hr/> <p>5* To impart knowledge to the students about the concept of digital output and producing the final product</p>		
Credits	Theory	Practical	Total
	1	1	2
Contact Hours	1	2	3
Max. Marks:50 Internal Assessment Marks:10(T)+5(P)=15 End Term Exam Marks:20(T)+15(P)=35		Time:3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> • Introduction to Digital Photography :Understanding film and paper photography • Learning about the digital revolution • Advantages and disadvantages of digital 		7

	<p>photography over</p> <ul style="list-style-type: none"> • Film photography :Computers as photographic tools • How photos are used today. 	
II	<ul style="list-style-type: none"> • Digital basics • Digital image method of storing and processing digital • Image: raster and vector method • 2.2 representation of digital image: resolution – pixel depth • Pixel aspect ratio – dynamic colour range – file size Colour models – image compression – file formats – • Calculating image resolution for outputs. 	6
III	<ul style="list-style-type: none"> • Digital Platform Hardware and System Software • Windows Operating System • Concept of Internet • Image transportation through floppy, CD, zip and Internet. 	8
IV	<ul style="list-style-type: none"> • Digital Capture :Digital Image formation – Image Sensors – Different • Capturing Method: Digital camera – Scanner – Frame Grabber • DIGITAL CAMERA: Understanding how digital cameras work – Digital camera types: Floppy Disc type, Flash Card type, Hard Disc type – Overview of current digital cameras. 	7
V*	<ul style="list-style-type: none"> • Make a file including different photos with different resolutions. • Make a file including different photos with colors models. 	28

Suggested Evaluation Methods	
Internal Assessment: <ul style="list-style-type: none"> > Theory <ul style="list-style-type: none"> ● Class Participation: 04 ● Seminar/presentation/assignment/quiz/class test etc.:00 ● Mid-Term Exam: 06 > Practicum <ul style="list-style-type: none"> ● Class Participation: ● Seminar/Demonstration/Viva-voce/Lab records etc.:05 ● Mid-Term Exam:NA 	End Term Examination: 20 15
Part C-Learning Resources	
Recommended Books/e-resources/LMS: <ul style="list-style-type: none"> ● Agfa An Introduction to Digital Photo Imaging Agfa, 1994 ● Agfa An Introduction to Digital Scanning Agfa, 1994 ● Lisa Da Nae Dayley, Brad Dayley ● Adobe Photoshop CS6 Bible Wiley India ● Kogent Learning Photoshop CS5 in Simple Steps Wiley India ● Dayley Photoshop CS5 Bible Wiley India 	

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	II
Name of the Course	Textile Chemistry
Course Code	B23-TFD-201 B23-VFT-201
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-1
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To understand introduction of textile fibers, terminologies and its properties. 2. To understand the manufacturing process and properties of various natural, regenerated fibers. 3. The students will be able to know about synthetic

	fibers, Yarns, its types and properties. 4. To understand the Fabric appearance & properties, Fabric as protection and Classification of the Finishes. <hr/> 5*.To impart practical knowledge about preparation of practical file of textile fibers with different chemical test.		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		Time:3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> Terminology- Fibre, Yarns, Linear Density, 		10

	<p>Strength, Crease Recovery,</p> <p>Abrasion Resistance, Drapability, Tensile Strength, Static Charge, Thermal Conductivity.</p> <ul style="list-style-type: none"> • Introduction to Textile Fibers, Classification of Fibers based on sources and Origin. • Chemical & Physical Properties of Textile Fibers. 	
II	<ul style="list-style-type: none"> • Manufacturing process and properties of various Natural Cellulosic Fibres like Cotton & Linen. • Manufacturing process and properties of various Natural Protein Fibers like Wool & Silk. • Manufacturing process and properties of Regenerated and Modified Cellulosic Fibres like Rayon and Acetate. 	10
III	<ul style="list-style-type: none"> • Manufacturing process of Man-made Synthetic Fibers like Polyamide: - Nylon66, Nylon6; Polyester and Acrylic. • Classification of Yarns: - Carded and Combed Yarns, Woollen& Worsted Yarns, Filaments and Spun Yarns. • Yarn: - Properties, Linear Density, Size, Twist in Yarn, Crimp Yarn Direction, Strength & Uniform. • Textile Yarn: - Types and Application, Fancy Yarns- 	11

	Types & Uses.	
IV	<ul style="list-style-type: none"> • Fabric: - Appearance & Properties, Effect of Yarn Structure and Fabric Construction on Fabric Properties; Selection of Fibres and Yarn Structure; Durability: - Study of Tensile Strength, Tearing Strength, Bursting Strength with respect to Fibers Properties; Yarn Structure and Fabric Design. • Fabric as Protection; Fabric Engineering (For given end use, designing of Fabric from selection of Fibre, type of yarn manufacture, fabric design to finishing treatments. • Textile Chemical Processing for Fibers, Processing (elementary knowledge), Impurities present in the Natural and Synthetics Fibers. • Classification of the Finishes: - According to Designer/Merchandiser/Sales Persons. • Objectives of the various Finishes: - According to Textile Chemist and Degree of Performance. 	9
V*	<ol style="list-style-type: none"> 1. Introduction to Fibers and Yarns, Table Loom and Floor Loom, Preparing Warp, Setting up loom for weaving. Basic weaves and their variations. 2. Identification of Textile Fibers: - <ul style="list-style-type: none"> • Fibers: - Cotton, Silk, Wool, Nylon, Polyester, Linen, Rayon, Jute. • Microscopic Method. • Flame Test. • Chemical Test. 3. Fabric Identification of Cotton, Wool, Silk, Jute and Polyester Using the following Methods: - 	30

- **Moxley, R. Mitchell's** Elementary Building Construction, Technical Press Ltd.
- **Rangwala, S.C.**- Building Construction: Materials and Types of Construction, 3rd ed. John Wiley and Sons, Inc., New York, 1963.
- **Rangwala, S.C.** -Building Construction 22nd ed. Charota Pub. House Anand, 2004.
- **Sushil Kumar.** T.B. of Building Construction 19th ed. Standard Pub. Delhi, 2003.

*Applicable for courses having practical component.

Session: 2023-24	
Part A – Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	II
Name of the Course	Sampling Coordination and Quality Assessing in Textile and Fashion Designing
Course Code	B23-TFD-202
Course Type: (CC/MCC/MDC/CC-M/DSEC/VOC/DSE/PC/AEC/VAC)	CC-2
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To give an understanding to students to prepare for sampling. 2. To help the students to coordinate the flow of samples. 3. To provide knowledge to the students to maintain

	<p>the records.</p> <p>4. To help the students to become sampling coordinator.</p> <p>5*.To enable the students to analyse and manage quality issues.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		Time:3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours

I	<ul style="list-style-type: none"> • Sample Plan- Research on target market, materials, trims. • Specification Sheet- Specification sheet in accordance with standard format. • Basic sampling principles, importance of following the sampling plan, the sample characteristics and related preservation, handling and storage requirements and the labelling system. 	10
II	<ul style="list-style-type: none"> • Coordinating the Flow of Samples- Documenting the final approved sample. • Documenting the information before making the sample and maintenance of all, the records for future use related to the particular counter sample. 	10
III	<p>Understanding Product and Process Details-Evaluation of production quality, tech pack and reference samples.</p> <ul style="list-style-type: none"> • Checking points to exercise quality control & documenting tolerances for process or raw material. Analysing the garment construction process; analysing the garment finishing & packing standards & processes. • Raw Material Components and their Specifications- Inspection and quality control procedures, test reports, product specification & tech packs, reference sample and approved samples, spec sheets, checking procedures and tolerances, reports and compliances 	10

IV	<ul style="list-style-type: none"> ● Major Deviations and Stopping the Process- Appropriate People-Quality Head, Departmental Heads, Line Supervisors, Quality Heads, Production Planning Head, Merchandiser, ● Quality control / Process of Quality, classification of defects. ● Methods & Tools to Analyse the Quality Issue 	10
V*	<ul style="list-style-type: none"> ● Sample Requisition- For creation of sample work order. ● Sample Work Order- Receiving of techpack to prepare for the fabric, trims and garment to be developed for proto. ● Sample Plan- Maintain a proper sample plan, for all the styles for the month. ● Sample Returning Chart- All the counter samples of the particular season are returned, preparing a counter sample returning chart for future reference. 	30
Suggested Evaluation Methods		
Internal Assessment: <ul style="list-style-type: none"> > Theory <ul style="list-style-type: none"> ● Class Participation: 05 ● Seminar/presentation/assignment/quiz/class test etc.:05 ● Mid-Term Exam: 10 > Practicum <ul style="list-style-type: none"> ● Class Participation: 00 ● Seminar/Demonstration/Viva-voce/Lab records etc.:10 ● Mid-Term Exam: NA 		End Term Examination: 50 20
Part C-Learning Resources		

Recommended Books/e-resources/LMS:

- **Campbell, D et. al** (2001) : How to Develop A Professional Portfolio.
- **Giselle O. Martin-Knie**-Capturing the Wisdom of Practice:Professional Portfolios for Educators.
- **Kristen K. Swanson**- Promotion in the Merchandising Environment.
- **Mike Easey** - Fashion Marketing.
- **Clarke**-An Introduction to Textile Printing.
- **Fairhurst**-Advance in Apparel Production.
- **K.K.Maitra**-Encyclopaedic Dictionery of Clothing & Textile.
- **N.Gokarneshan**-Fabric Structure &Design.
- **Pepin Van Roojen**-Batik Design.
- **Student Aid Publication**-Careers in Fashion Technology &Design.

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	II
Name of the Course	Advance Designing & Construction of Garments-I
Course Code	B23-TFD-203
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-3
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To enhance fabric recognition ability. 2. To prepare students for good garment constructions. 3. To introduce the students with advance designing

	<p>and construction of garments.</p> <p>4. To train the students in the development of garments using fundamentals of stitching.</p> <hr/> <p>5*.To impart knowledge about grains.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks: 20(T) +10(P) =30 End Term Exam Marks:50(T) +20(P) =70		Time:3 hrs.(T) 4 hrs.(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> Introduction to Garment Construction - Garment Construction Meaning And Importance 		10

	<ul style="list-style-type: none"> • Garment Construction Terminology 	
II	<ul style="list-style-type: none"> • Garment Construction Tools • Measurements 	10
III	<ul style="list-style-type: none"> • Process of Garment Construction • Selection of Patterns, Prints And Fabrics For Particular Garments 	10
IV	<ul style="list-style-type: none"> • Selection of Fabrics For Infants And Children • Selection of Fabrics According To Occasion, Use And Need • Linings and Interlinings (Types and Their Application) 	10
V*	Preparation of samples for different types of : <ul style="list-style-type: none"> • Sleeves • Yokes • Collars • Necklines • Setting sleeves to bodice 	30
Suggested Evaluation Methods		
Internal Assessment: <ul style="list-style-type: none"> > Theory <ul style="list-style-type: none"> • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 > Practicum 		End Term Examination: 50

<ul style="list-style-type: none"> ● Class Participation: 00 ● Seminar/Demonstration/Viva-voce/Lab records etc.:10 ● Mid-Term Exam: NA 	20
---	-----------

Part C-Learning Resources

Recommended Books/e-resources/LMS:

- **Cooklin G** -Garment Technology for Fashion Designers” Blackwell publishing ,1977.
- Encyclopedia of Sewing Encyclopedia of Sewing.
- **Marshall Cavendish**-Encyclopedia of Dressmaking.
- Readers Digest Book of Sewing.
- **Thomas Anna Jacob**-“The Art of Sewing”, USB publishers New Delhi, 1994.
- **Verma G**- Cutting & Tailoring Theory”, Asian publishers Delhi, 1999

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	II
Name of the Course	Computer Applications
Course Code	B23-TFD-204 B23-VFT-204
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-M2
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To understand Computer and MS Word. 2. To understand the study of MS Power Point and Photoshop.

	<p>3. To know about tools of Photoshop and restoring image.</p> <p>4. To understand Corel Draw and its tools.</p> <hr/> <p>5*.To impart practical knowledge about preparation of designs using Photoshop and Corel draw.</p>		
Credits	Theory	Practical	Total
	1	1	2
Contact Hours	1	2	3
Max. Marks:50 Internal Assessment Marks: End Term Exam Marks:		Time: 3hrs 15 35	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> ● Introduction to computer: <ul style="list-style-type: none"> - Block diagram of a computer. - Characteristics of computers. 		7

	<ul style="list-style-type: none"> - Types of Software and Hardware. ● Introduction to MS Word. ● Introduction to PowerPoint. 	
II	<ul style="list-style-type: none"> ● Introduction to Photoshop. ● Tools of Photoshop. ● Shortcuts, tool options. 	6
III	<ul style="list-style-type: none"> ● Selections and channels of Photoshop. ● Restoration of Photos. <p>Features of Photoshop.</p>	8
IV	<ul style="list-style-type: none"> ● Introduction to Corel Draw. ● Features of Corel Draw. <p>Tools of Corel Draw.</p>	7
V*	<ul style="list-style-type: none"> ● Introduction to Computer. ● General introduction to PowerPoint. ● Detailed study of different tools of Corel Draw and Photoshop. ● Create a composition of geometrical shape 8" x 8" block (3D and 2D) ● Design traditional and contemporary Motifs (solid colour and texture) ● Design Logo and create Brochure for your own label, visiting card, pamphlet, poster, cover page (file cover). <p>The following software can be used: -</p> <ul style="list-style-type: none"> a) Photoshop Corel Draw 	28
Suggested Evaluation Methods		

<p>Internal Assessment:</p> <p>➤ Theory</p> <ul style="list-style-type: none"> ● Class Participation: 04 ● Seminar/presentation/assignment/quiz/class test etc.:00 ● Mid-Term Exam: 06 <p>➤ Practicum</p> <ul style="list-style-type: none"> ● Class Participation: ● Seminar/Demonstration/Viva-voce/Lab records etc.:05 ● Mid-Term Exam:NA 	<p>End Term Examination:</p> <p>20</p> <p>15</p>
<p>Part C-Learning Resources</p>	
<p>Recommended Books/e-resources/LMS:</p> <ul style="list-style-type: none"> ● <i>Microsoft Office 2010 for Dummies</i>, “Wallace Wang”, Wiley India Pvt. Limited, 2010. ● <i>X5 In Simple Steps</i>, “Kogent Learning Solutions Inc”, Wiley India Pvt. Limited, 2011. ● <i>Photoshop Cs2 (savvy)</i>, by Romaniello. ● P S Salaria, <i>Computer Fundamentals</i>, Khanna Books Publishing Co. (P) Ltd. · P.K. Sinha and P. Sinha, <i>Foundations of Computing</i>, First Edition, BPB latest Edition. 	

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	III
Name of the Course	Draping and Layout of Garments
Course Code	B23-TFD-301
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-1
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To acquaint the students with the techniques of draping. 2. To learn skills of garment construction through flat pattern. 3. To teach the students about the basic principles of draping 4. To interpret and analyzing complex drapes.

	<hr/> <p>5*.To make basics clear.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		Time::3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> • Explain draping techniques • Draping tools and materials • Need and importance of draping 		10

II	<ul style="list-style-type: none"> • Introduction to Draping - Draping addresses 3 areas of pattern making • Dart Equivalent • Contouring • Added Fullness 	10
III	<ul style="list-style-type: none"> • Introduction to creative and Contemporary Fashion Draping • Fashion Draping with Fabric Manipulation 	10
IV	<ul style="list-style-type: none"> • Draping a garment using Ruching Technique • Draping a garment using Pleating Technique • Draping a garment using Fluting technique • Zero wastage draping's 	10
V*	<ul style="list-style-type: none"> • Preparation of muslin and draping steps. • Draping Yokes – Shirt yoke, midriff yoke. • Draping of top with princess line. • Marking and truing of bodice front and back. • Draping basic skirt pattern & truing the skirt. Joining the skirt to the bodice. • Draping of cowl neck line. • Draping of skirt with flare. • Draping of top with halter & top with off shoulder design. • Draping of Collars – Peter pan and mandarin. • Draping of Sleeves- Raglan and kimono. 	30
Suggested Evaluation Methods		

<p>Internal Assessment:</p> <p>➤ Theory</p> <ul style="list-style-type: none"> ● Class Participation: 05 ● Seminar/presentation/assignment/quiz/class test etc.:05 ● Mid-Term Exam: 10 <p>➤ Practicum</p> <ul style="list-style-type: none"> ● Class Participation: 00 ● Seminar/Demonstration/Viva-voce/Lab records etc.:10 ● Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>50</p> <p>20</p>
<p>Part C-Learning Resources</p>	
<p>Recommended Books/e-resources/LMS:</p> <ul style="list-style-type: none"> ● Bray Natalie-Dress Pattern Designing. ● Natalie Bray- Dress Pattern Designing. ● Stanley Helen - Flat Pattern Cutting &Modelling for Fashion. 	

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	III
Name of the Course	Advance Designing and Construction of Garments-II
Course Code	B23-TFD-302
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-2
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 5. To enhance fabric recognition ability. 6. To prepare students for good garment constructions. 7. To introduce the students with advance designing and construction of garments. 8. To train the students in the development of garments using fundamentals of stitching.

	<hr/> <p>5*. To impart training about construction of simple garments.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		Time:3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> • Preparation of fabric • Fabric grain • Preparation of fabric before Cutting: straightening, 		10

	<p>shrinking, pressing and checking for flaws.</p> <ul style="list-style-type: none"> • Different types of layout: crosswise, longitudinal, open and combination for various fabric types (directional, checks, stripes, bold prints and borders) • Pinning, marking, cutting 	
II	<ul style="list-style-type: none"> • Introduction to following varieties of fabrics (physical appearance, weaves, uses and care) • Cotton Fabrics – Jersey, gingham, madras cotton, chambray, chintz, seersucker, poplin, lawn, muslin, crinkle cotton, sports net, voile, lace, cambric, cheese cloth, eyelet, calico, damask, denim. 	10
III	<ul style="list-style-type: none"> • Woolen Fabrics – worsted, flannel, cashmere, tartan, crepe, coating, gabardine, modern tweed, double coating, single jersey, double jersey, mohair, alpaca. • Linen & Silk fabrics – suiting linen, handkerchief linen, moil, silk and wool mix, Silk & cotton mix, silk & linen mix, silk satin, taffeta, organza, washed silk, crepe De china, devour velvet, chiffon, dupion, georgette, shantung. 	11
IV	<ul style="list-style-type: none"> • Synthetic & Special Fabrics – acrylic, crepe, viscose, grosgrain, polyester crepe, Microfiber, boucle, poly linen, polar fleece, crepe backed satin, flock, pure nylon, Jacquard fabric, acetate, vinyl, crinkle, fabric, rubber, sequin fabric, spandex, PVC, fur fabric, liquid gold, leather 	10

V*	Design, draft and construct following garment with suitable fabric and surface ornamentation techniques : <ul style="list-style-type: none"> • A line frock • Gathered Frock • Bloomer • Bib • Romper 	30
Suggested Evaluation Methods		
Internal Assessment: <ul style="list-style-type: none"> > Theory <ul style="list-style-type: none"> • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 > Practicum <ul style="list-style-type: none"> • Class Participation: 00 • Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA 		End Term Examination: 50 20
Part C-Learning Resources		
Recommended Books/e-resources/LMS: <ul style="list-style-type: none"> • Cooklin G -Garment Technology for Fashion Designers” Blackwell publishing , 1977. • Encyclopedia of Sewing Encyclopedia of Sewing. • Marshall Cavendish-Encyclopedia of Dressmaking. • Readers Digest Book of Sewing. • Thomas Anna Jacob-“The Art of Sewing”, USB publishers New Delhi, 1994. 		

Verma G- Cutting & Tailoring Theory", Asian publishers Delhi, 1999

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	III
Name of the Course	Traditional Embroideries
Course Code	B23-TFD-303
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-3
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To impart knowledge of stitches. 2. To learn different techniques used in traditional embroideries. 3. To study the traditional embroideries of India with special reference to history. 4. To give knowledge about various patterns.

	<p>5*.To impart knowledge of various motifs, colours and designs used in traditional embroideries of India.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		Time:3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> • Phulkari of Punjab • Chamba Rumal of Himachal Pradesh 		10
II	<ul style="list-style-type: none"> • Kashida of Kashmir 		10

	<ul style="list-style-type: none"> • Chikankari of Uttar Pradesh 	
III	<ul style="list-style-type: none"> • Kutch Embroidery of Gujarat • Sindhi and Kathiawar Embroidery 	11
IV	<ul style="list-style-type: none"> • Kantha of Bengal • Kasuti of Karnataka 	10
V*	<p>Make samples of following embroideries :-</p> <ul style="list-style-type: none"> • Phulkari • Chamba Rumal • Kashida • Chikankari • Kutch • Sindhi and Kathiawar Embroidery • Kantha • Kasuti 	30
Suggested Evaluation Methods		
<p>Internal Assessment:</p> <p>➤ Theory</p> <ul style="list-style-type: none"> • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 <p>➤ Practicum</p> <ul style="list-style-type: none"> • Class Participation: 00 • Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA 		<p>End Term Examination:</p> <p>50</p> <p>20</p>
Part C-Learning Resources		

Recommended Books/e-resources/LMS:

- Saraf D.N, “Indian Crafts”, Vikas Publishing House Pvt. Ltd. 1982
- Naik Shailaja D, “Traditional Embroideries of India”, APH Pub. Corp, New Delhi, 1996
- Paine Sherla, “Embroidered Textiles”, Thames and Hudson Ltd, 1990
- Chattopadhyay K, “Indian Embroidery”, Wiley Eastern Ltd., New Delhi, 1977.
- Morrell A, “The techniques of Indian Embroidery”, B.T. Batsford, London, 1992.
- Mehta J. Rustom, “Master pieces of Indian Textiles”,
- D.B.Taraporevala, Bombay (1970). Pandit
- S., “Indian Embroidery- its variegated charms”, Vinubhai Patel Baroda, 1976.

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	III
Name of the Course	Illustration Techniques
Course Code	B23-TFD-304 B23-VFT-304
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/V AC)	CC-M3
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	After completing this course, the learner will be able to: 1. To understand illustration and its types 2. To understand the fashion illustrations, its scope and body proportion. 3. To know about stylized figures, different draping style

	<p>and colour rendering by different media.</p> <p>4. To understand contemporary crafts traditions, Traditional Indian crafts in modern design.</p> <hr/> <p>5*.To impart practical knowledge about preparation of designs for different dresses, development of textures and prints and designing of accessories.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks::20(T)+10(P) End Term Exam Marks:50(T)+20(P)		Time:3hrs(T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours

I	<ul style="list-style-type: none"> • Introduction of Illustration • Evolution of Illustration • Types of Illustration • Difference between Graphic Design and Illustration 	12
II	<ul style="list-style-type: none"> • Introduction of Fashion Illustration • Scope of Fashion Illustration • Explore Body Proportion • Identifying Shapes within the Body 	10
III	<ul style="list-style-type: none"> • Stylized Figures • Concept of Stylized Fashion Croquis • Converting Basic Figure into Stylized • Different Draping Style and Colour Rendering by Different Media • Live Drawing with quick Sketches • Develop personalized Illustration Style 	9
IV	<ul style="list-style-type: none"> • Contemporary Crafts Traditions • Traditional Indian Crafts in Modern Design • Traditional Crafts with Contemporary Design Practice • Bridge between Artisan and the Market 	8
V*	<p>Prepare the illustration for the following: -</p> <p>1. Head Theory 8 ½, 10 ½ and 12 ½</p> <ul style="list-style-type: none"> • Stick Figure 	30

	<ul style="list-style-type: none"> • Block Figure • Flesh Figure • Child Figures (Proportion- 0-1 year, 2-3 years, 4-5 years, 6-8 years, 8-10 years) <p>2. Wardrobe collection for Teenagers: -</p> <ul style="list-style-type: none"> • Formal Suits • Formal Lehngas • Formal Kurtis • Casual Jeans Top • Skirt Top • Casual Suits <p>3. Create different types of Textures and Prints: -</p> <ul style="list-style-type: none"> • Check • Animal • Abstract • Floral • 3D • Geometric Pattern <p>4. Illustration of Figures (Male and Female) in Dresses using various medium like Poster Colour, Water Colour and Straddlers: -</p> <ul style="list-style-type: none"> • Casual Wear • Sports Wear • Beachwear • Night suits • Party Wear 	
--	---	--

	<ul style="list-style-type: none"> • Bridal Wear (Female) • Ethnic Wear • Western Wear <p>5. Designing Jewellery for Casual, Bridals and Party Wear</p> <p>6. Accessories: - Shoes, Bags, Purses, Belts, Hats and Caps.</p>	
Suggested Evaluation Methods		
<p>Internal Assessment:</p> <p>➤ Theory</p> <ul style="list-style-type: none"> • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 <p>➤ Practicum</p> <ul style="list-style-type: none"> • Class Participation: 00 • Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>50</p> <p>20</p>	
Part C-Learning Resources		
<p>Recommended Books/e-resources/LMS:</p> <ol style="list-style-type: none"> 1. Jay Calderin. 2011, <i>Fashion Design Essentials: 100 Principles of Fashion</i>. 1st Edition, Massachusetts: Rockport Publishers. 2. Zarida Zaman, 2012. <i>New Fashion Designers Sketchbooks</i>. Paperback, London : A & C Black Publishing. 3. Bradley. (1970) <i>A History of World Costumes</i>. Peter Owen Ltd. 4. Black J.A. "A History of Fashion" Orbis Publishing. 5. Kumar Ritu, "Costumes and Textiles of Royal India." Christies Book Ltd, London, 1999. 		

Gurey G.S., "Indian costumes," The Popular Book Depot.

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	IV
Name of the Course	Textile Processing, Printing and Dyeing
Course Code	B23-TFD-401 B23-VFT-401
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-1
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	After completing this course, the learner will be able to: 1. To understand Introduction to Product development and its application of Textile Processing, Steps in producing a fabric and Fabric Finishing 2. To understand the Introduction of Layout in designs, repeat bases, drops devices, Colorant, Dyeing and

	Printing. 3. The students will be able to know about Color Fastness to Washing, Lighting Rubbing and Perspiration 4. To understand Mechanism of various dyeing processes, application of dyes and Natural Dyes <hr/> 5*. To impart practical knowledge about preparation of Color Fastness to Washing, Lighting Rubbing and Perspiration, various dyeing processes, application of dyes and Natural Dyes		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks: 100 Internal Assessment Marks: 20(T) +10(P) =30 End Term Exam Marks:50(T) +20(P) =70		Time: 3 hrs.(T) 4 hrs.(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			

Unit	Topics	Contact Hours
I	<ul style="list-style-type: none"> • Introduction of Textile Processing • Steps in producing a fabric – Fibre and Yarn Processing, Yarn and Fabric Preparation. • Fabric Finishing: - • Preparatory Processes (Singeing, Desiring, Scouring, Bleaching, Heat-setting). • Routine Finishes (Beetling, Calendaring, Anti-shrink, Permanent Setting) • Special Purposes Finish (Flame Retardant, Water-repellent, Durable-press, Moth-proofing, Soil-repellent, Anti-static). 	11
II	<ul style="list-style-type: none"> • Layout in Designs, Repeat Bases, Drops Devices. • Colorant- Dyes and Pigments, Classification of Dyes and Pigments based on their application and chemical structure. • Define Dyeing, Stages of Dyeing, Methods of Dyeing, Classification of Dyeing. • Define Printing, Methods of Printing, and Types of Printing. 	10
III	<ul style="list-style-type: none"> • Colour Fastness to Washing, Lighting, Rubbing and Perspiration. • Identifying Printing and Dyeing Defects. • Dimensional Stability of Fabric. 	12

IV	<ul style="list-style-type: none"> • Mechanism of various Dyeing Processes, Application of Dyes on various Fibers/Fabrics and their fastness properties (Washing, Light, Perspiration and Rubbing Fastness, ISO Method), Reflectance of Dyes (Spectrophotometer). • Natural Dyes- Application and Ecological Concerns. • Recent Developments in Dyeing and Printing- Toxicity of Dyes, Banned Dyes, Eco-friendly Dyes, etc. Different Compliance Requirements & Azo-free Dyes & Metameric Effect. 	12
V*	<ul style="list-style-type: none"> • Scouring of Cotton. • Bleaching of Cotton with Hydrogen Peroxide. • Mercerization of Cotton. • Dyeing of Cotton with Direct, Reactive. • Dyeing of Silk with Acid and Basic Dyes • Making of Screens and Pastes for Printing, Block Printing, Screen Printing. • Printing of Cotton Fabric with Direct Style. • Finishing of Cotton Fabric with Softeners. • Finishing of Silk Fabric with Softeners. • Dyeing Fabrics using various Dyes viz Vegetable Dyes (Henna, Pomegranate, Madder, Indigo, etc.) Using Tie and Dye and Batik Techniques. • Pigment Printing, Discharge Printing, Block Printing, Tie and Dye, Batik Printing, Screen Printing, Stencil Printing. 	30
Suggested Evaluation Methods		

<p>Internal Assessment:</p> <p>➤ Theory</p> <ul style="list-style-type: none"> ● Class Participation: 05 ● Seminar/presentation/assignment/quiz/class test etc.:05 ● Mid-Term Exam: 10 <p>➤ Practicum</p> <ul style="list-style-type: none"> ● Class Participation: 00 ● Seminar/Demonstration/Viva-voce/Lab records etc.:10 ● Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>50</p> <p>20</p>
<p>Part C-Learning Resources</p>	
<p>Recommended Books/e-resources/LMS:</p> <ol style="list-style-type: none"> 1. Sara J. Kadolph and Anna L. Langford. <i>Textiles</i>. Eight Edition. (1993), Cataloging Publications. 2. Bernard P. Corbman. <i>Textiles Fibre to Fabric</i>. McGraw. Hill International Editions, (1993), Cataloging Publications. 3. William S. Murphy. <i>Fabric Science</i>. 2003 (Abhishek Publications) 4. Vilencky. <i>Textile Science</i>. CBS Publishers, New Delhi. 5. Mishra S.P. <i>A Text Book of Fibre Science and Technology</i>. New Delhi. 6. Pizzoto's J.J. <i>Fabric Science</i>. Four Child Publication, New York. 	

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	IV
Name of the Course	Fabric Construction
Course Code	B23-TFD-402
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-2
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To impart knowledge of fabric manufacture and fabric properties. 2. To enable students to understand fabric structures and to analyse them. 3. To give information about basics of fabric. 4. To enhance knowledge of fabric from basics. <hr style="width: 20%; margin-left: 0;"/> <p>5*To acquire skills for various fabric construction</p>

	techniques.		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T)+10(P)=30 End Term Exam Marks:50(T)+20(P)=70		Time::3hrs (T) 4hrs(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> • Knitting Terminology – Wales, course, single knit, double knit, gauge, stitch density, stitch Length, loop. • Types of knitting- warp knitting & weft knitting 		10

	<ul style="list-style-type: none"> • Properties of knitted fabric • Difference between Knits and woven 	
II	<ul style="list-style-type: none"> • Knitting machines- flat bed & circular • Different types of knitting machine needles and their working • Knitted fabric defects 	11
III	<ul style="list-style-type: none"> • Non-woven methods of fabric construction: process, properties and end-uses • Felting • Bonding • Needle Punching 	10
IV	<ul style="list-style-type: none"> • Methods of decorative fabric construction • Lace making • Netting • Braiding • Knotting 	9
V*	<ul style="list-style-type: none"> • Making samples of basic knitting stitches. • Making of samples of different knots using Macramé. • Making of samples of Crochet. • Making samples of Narrow fabrics by Bradding. • Project work: Make an article using any technique 	30
Suggested Evaluation Methods		

<p>Internal Assessment:</p> <p>➤ Theory</p> <ul style="list-style-type: none"> ● Class Participation: 05 ● Seminar/presentation/assignment/quiz/class test etc.:05 ● Mid-Term Exam: 10 <p>➤ Practicum</p> <ul style="list-style-type: none"> ● Class Participation: 00 ● Seminar/Demonstration/Viva-voce/Lab records etc.:10 ● Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>50</p> <p>20</p>
<p>Part C-Learning Resources</p>	
<p>Recommended Books/e-resources/LMS:</p> <ul style="list-style-type: none"> ● Fashionpedia – the visual dictionary of fashion design, 2017 (Fashionary International) ● The little black book of Style, It Books, 2010. ● Fashion: The Essential Visual Guide to the World of Style, by Karen Homer, Aurum Press, 2018. 	

*Applicable for courses having practical component.

Session: 2023-24	
Part A - Introduction	
Subject	Bachelor of Vocation in Textile and Fashion Designing
Semester	IV
Name of the Course	Eco Textiles
Course Code	B23-TFD-403
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-3
Level of the course (As per Annexure-I	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To provide in - depth knowledge about needs of eco-textiles. 2. To familiarize the students with different types of eco – fibres, eco dyes , eco finishes and eco standards. 3. To acquaint the students with recent development in the field of functional textiles.

	<p>4. To make students environment sensitive.</p> <hr/> <p>5*.To impart knowledge about nature friendly fibers.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Max. Marks:100 Internal Assessment Marks:20(T) +10(P) =30 End Term Exam Marks:50(T) +20(P) =70		Time:3 hrs.(T) 4 hrs.(P)	
Part B- Contents of the Course			
<p><u>Instructions for Paper- Setter:</u> The examiner will set nine questions in all, selecting two questions from each unit and one compulsory objective type question.</p> <p><u>Instructions for the Candidate:</u> The candidates will attempt five questions in all, selecting at least one question from each unit as well as compulsory questions.</p>			
Unit	Topics		Contact Hours
I	<ul style="list-style-type: none"> • Definition, need and importance of eco-textiles, difference between eco and conventional textiles; eco textiles and sustainable development, eco- textiles and health. 		10

	<ul style="list-style-type: none"> Eco- friendly fibres; eco dyes; eco finishes; eco standards 	
II	<ul style="list-style-type: none"> Eco- textiles and environment. Role of different companies & designers in promotion of eco-textiles. 	10
III	<ul style="list-style-type: none"> Definition, functions & classification of functional apparel, factors affecting the use of functional apparel. Functional Fabric Structures- Knitted - weft knitted and warp knitted structures; non-woven types of laying - chemical bonding- thermal bonding- solvent bonding- hydro entanglement. Nano technology in textiles, environmental engineering applications. Smart Garments- Chameleonic garments, communicative garments, shape memory garments, responsive garments. 	10
IV	<ul style="list-style-type: none"> Protective Garments - Thermal protective garments , protective clothing from x-rays, gamma chamber, bullet proof, space suits, water proof & water breathable fabric etc. , geo textiles, defines textiles. Garments for medical & hospital use, antimicrobial textile wear, pathogen resistant surgical gown, implantable materials (Healthcare/ Hygiene products). High performance sportswear. Wearable Electronics- Musical jacket, garment fitted with electronics appliances like torch, mobile, calculator, motherboard etc. 	10
V*	<ul style="list-style-type: none"> Preparation and submission of report at least one topic 	30

	<p>related to their field.</p> <ul style="list-style-type: none"> • Power point presentation for the same. 	
Suggested Evaluation Methods		
<p>Internal Assessment:</p> <p>➤ Theory</p> <ul style="list-style-type: none"> • Class Participation: 05 • Seminar/presentation/assignment/quiz/class test etc.:05 • Mid-Term Exam: 10 <p>➤ Practicum</p> <ul style="list-style-type: none"> • Class Participation: 00 • Seminar/Demonstration/Viva-voce/Lab records etc.:10 • Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>50</p> <p>20</p>	
Part C-Learning Resources		
<p>Recommended Books/e-resources/LMS:</p> <ul style="list-style-type: none"> • A.R. Horrocks and S.C. Anand- Hand book of Technical Textiles, WoodHead Publishing ltd, England. • Black, Sandy -Eco-Chic the Fashion Paradox, Black Dog Publishing, London, 2008. • Bajaj. P., and Sengupta.A.K. -"Protective Clothing", The Textile Institute, 1992. • Corbman.B.P. "Textiles: Fibre to Fabric", McGraw Hill Book Company, Singapore, 1985. • Dickson, Marsha Ann -Social Responsibility in the Global Market. Thousand Oaks, Mary Ann Littrell Sage Publication, 1999. • Johnson J.S., and Mansdork.S.Z. "Performance of Protective Clothing", ASTM, 1996. 		

*Applicable for courses having practical component.